

COMPARATIVE STUDIES IN THE VALUE OF HUMAN CAPITAL IN AUSTRALIA AND JAPAN

By

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Statement of Original Nature of Thesis

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The following symbols where shown in tables, mean:

- : Nil or not existent.

... : Not available (unknown).

* : Where several items are summed, figures are presented only in the first column or in the last row and * is marked in other columns or rows as shown below.

	Year	Α	В	C		
	1985	X	*] ⇒	X=A+B
	1986	Y	*	*	⇒	Y=A+B+C
	Year	50~54	55~59	60~64		
	1985	X	*	*] ⇒	X=50~64
	1986		Y	*	⇒	Y=55~64
					_	
	Age group	Α	В	С		
ı	50~54	X	Y	Z	1	
	55~59	*	*	*		
	60~64		*	*		
	65~		Į.	*		
		1	1			
		X=50~59	Y=50~64	Z=50~		

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Chapter 1 Background to the research



1.1 Introduction

This thesis aims to estimate the total value of human capital in Australia and Japan. It is not an examination of theory. Rather, it examines in detail the data sources in Australia and Japan and develops a model by which estimates may be made to span as long a time series as the availability of reliable data will allow. The purpose of this work is to make an initial contribution to the analysis of the role of human capital in the process of economic development in the two nations.

Australia and Japan make an interesting pairing because, in any economic comparison between them, some sharp distinctions emerge. In particular, Australia is a country richly endowed with raw materials while Japan is not. This difference in the profile of their national wealth will likely have some effects on the process of economic development. Indeed, it is sometimes said that it is advantageous to be naturally endowed as in Australia. However, the experience of countries like Japan (and Germany) after World War II and some East Asian countries in more recent years suggest that other forces are also important in determining their economic success. It might be that, given the relative lack of endowed wealth, human capital has played a key role in the acceleration of economic growth in Japan and these like nations.

Australia and Japan provide not only contrasts but some important similarities. Despite that Australian wealth relies heavily on tangible, non-reproducible assets, while Japan's wealth focuses on human, intangible and reproducible assets, the standard of living in both countries is very similar and both operate with relatively sophisticated technology and skills. These facts provide the basis for interesting comparisons that will be brought out by the research of human capital.

The increasing emphasis given to human capital in economic development finds ready substantiation in the work of a number

of authors. Lester Thurow for one considers that human capital is becoming the pre-eminent determinant of economic success:

"Historically, individuals, firms and countries became rich if they possessed more natural resources, were born rich and enjoyed the advantages of having more capital (plant and equipment) per person, employed superior technologies, or had more skills than their competitors. Putting some combination of these four factors together with reasonable management was the route to success. ... Now new technologies and new institutions are combining to substantially alter these four traditional sources of competitive advantage. Natural resources essentially drop out of the competitive equation. Being born rich becomes less of an advantage than it used to be. Technology gets turned upside down. New product technologies become secondary; new process technologies become primary. And in the twenty first century, the education and skills of their workforce will end up being the dominant competitive weapon". (Thurow, 1993, pp. 39-40)

Investment to increase the value of human beings may be becoming more important than both endowments and investments in the physical capital stock. This provides the justification and impetus for my research.

My purposes can be set against the intentions of previous researchers. According to Bernard Kiker, there are a number of reasons why economists have considered human beings as capital and have valued them in monetary terms. These are:

- (1) To measurably demonstrate the power of a nation;
- (2) To determine the economic effects of education, health and migration;
- (3) To propose tax schemes believed to improve equity;
- (4) To determine the total cost of war;
- (5) To increase awareness of the need for life and health conservation measures and of the economic importance of an individual life;
- (6) To aid courts and compensation boards in making fair decisions in cases dealing with compensation for personal injury and death.

(Wykstra, 1971, p. 3)

Clearly, my purposes are different in that they are broader. I intend to contribute to our understanding of economic development by making an international comparison of the value of human capital in Australia and Japan. To do this requires making consistent and, wherever possible, matching estimates over a relatively long time period. This will provide some of the basic data for a more detailed assessment of the process of economic development in these two very different economies.

1.2 The research approach

In his article Bernard Kiker names 56 economists who, in the history of economic thought over the period 1690 to the 1960s, considered human beings or their skills as capital. From these works we see that there are two fundamental methods for calculating the value of human capital in monetary terms and these will concern us in subsequent chapters. One is the cost-of-production approach and the other is the capitalized-earnings approach. The cost-of-production approach consists of estimating the real costs incurred in producing, educating and maintaining a human being. The capitalized-earnings approach estimates the present value of an individual's future income stream.

The first economist to estimate the value of a human being was William Petty and his estimation was made around 1691. William Farr, Louis Dublin, Alfred Lotka, Ernst Engel, and Theodor Wittstein, and others subsequently added to the work. These authors developed a wide range of methods and have pursued a wide range of differing motivations, as Kiker's listing suggests.

¹ These included William Petty, Adam Smith, Jean Baptiste Say, John Stuart Mill, Nassau Senior, Friedrich List, Johann H. von Thunen, William Roscher, Walter Bagehot, Ernst Engel, Henry Sidgwick, Leon Walras, Alfred Marshall, Irving Fisher, Theodore Schultz, Gary Becker, among others.

After the 1960s, the idea of human capital has developed within the field of the economics of education. Theodore Schultz (1961, 1971), Gary Becker (1964) and Jacob Mincer (1974) are well-known pioneers in the field. The growth in this field of research is revealed in the fairly comprehensive annotated bibliography by Mark Blaug published in his book, *The Methodology of Economics*. In 1966, the bibliography contained 800 items; the second edition published in 1970, contained 1,350 items, and the third 1976 edition almost 2,000 items. Blaug describes how the economics of education spread rapidly:

"(until what) Mary Jean Bowman aptly called "the human investment revolution in economic thought" of the 1960s, it was not common to treat expenditures on such social services as health and education as analogous to investment in physical capital; certainly no one dreamed in those days of finding common analytical grounds between labor economics and the economics of the social services". (Blaug, 1992, p. 207, parentheses added)

Blaug continues by pinpointing the key functional relationship found in the economics of education that goes to the heart of the human capital investment decision:

"the principal theoretical implication of the human capital research program is that the demand for postcompulsory education is responsive both to variations in the direct and indirect private costs of schooling and to variations in the earnings differentials associated with additional years of schooling". (ibid., p. 208)

This responsiveness suggests a functional relationship between the net benefits of education and the amount of it undertaken. In this formulation, the costs of education include not just direct schooling costs but also the income foregone, i.e., if the person had not been in education then they could be working and earning. On the other side of the ledger, the returns to the investment in human capital come from the higher earnings that the person will receive during his or her working life. Thus we can conceive of a set of lifetime income profiles for holders of various amounts of education and

examining and describing these profiles has been one of the aims of the human capital research program. Another has been to evaluate the profitability of investment in human capital. This requires finding the discount rate that equalizes the present value of the returns to the present value of the costs of investment and may be defined as the private rate of return on education.

However, the interest in investment in human capital is not merely to assess its self-interested rationality. The costs and benefits that accrue to society from investment in education have provided a further important purpose in the study of human capital. In addition, as already indicated, this study is particularly interested in estimating human capital to help understand its link to economic growth. Although a large number of studies have been made of human capital, little is known about it in terms of both the international comparisons and its macro economic impacts. By providing newly compiled data and doing so on a consistent basis for Australia and Japan, this study will contribute further to understanding that link. By improving our estimates of human capital and our understanding of its accumulation in the process of economic growth, we can lay the foundations for a more detailed study of the economic growth of nations.

This thesis is an attempt to supply that information. It differs from that of the economics of education in that, rather than examining the costs of acquiring human capital assets, it employs the capitalized-earnings approach to measure the value of human capital in terms of the benefits it creates. As will be described, this approach is adopted because we can acquire the necessary data to estimate the present value of future income for any individual in both countries and we can do so for longer periods than with data on costs. As such, it makes a significant contribution to the field of study.

1.3 Justification for the research from a growth accounting perspective

The next introductory matter is to attempt to indicate the general significance of human capital in economic growth. Investigating the contribution to growth which, it can be argued, is made by investment in human capital does this. To do so I employ the production function or growth accounting approach originally elucidated by Edward Denison (1976).

A production function is one of tools used typically in economics. It shows the relationship between output (usually GDP) and factor inputs (usually labour and capital) assuming a given technology. A production function therefore expresses the relation between a volume of a flow variable and the volumes of stock variables. 'Growth accounting' uses the national production function to relate stocks of factor inputs to the growth of economic output. It is based on the idea that if the economy can be described by a simple production function, then economic growth can be split up into changes in the various inputs, plus a residual. This residual is especially important here and can be interpreted as a measure of growth due to technical change, i.e., to advances in knowledge and skills. Both technical change and advances in knowledge depend on the degree of development of human capital in a country. In other words, we may treat both technical change and advances in knowledge as the results of improvement of human capital and their importance as estimated by the residual in growth accounting. But, as shall be explained, the contribution of human capital is greater than just this residual. It also includes increases in the stock of human labour and these two items are summed to give the total growth effect.

We can examine this approach by conceiving firstly:

 $G(Y) = \alpha \cdot G(L) + \beta \cdot G(K) + G(R); \ \alpha + \beta = 1$ (1-1)

where Y, L, K, R, α and β are private sector output, private sector labour, private sector capital and the residual, the relative income share of labour and the relative income share of capital in the private sector respectively, and G ()

represents the growth rate of any variable specified inside the parentheses (for example, $G(Y) = \Delta Y/Y$).

The equation is based on the assumptions that factor prices are competitively determined, there are constant returns to scale, disembodied technological progress and Hicksian neutrality.

Using data shown in the statistical appendix to Chapter 1 (Appendix A) it is possible to calculate the contribution of each factor of production in Australia and Japan based on changes in the stock of each and weighted by their factor incomes (This method is further described in Appendix A). The income growth not so explained is the residual and this is taken to indicate the importance of improvements in human capital assets. The results are presented in Table 1-1 and Figure 1-1 for Australia and Japan.

Table 1-1 indicates the annual values of sources of economic growth in the two countries. Data in Table 1-1 represent the ratio of the contribution of each factor to the total change in income, i.e., $\alpha \cdot (\Delta L/L)$, $\beta \cdot (\Delta K/K)$ and $\Delta R/R$ and therefore sum to 100%. During the period of observation, annual values of $\Delta R/R$ have been unstable and this is a common feature in both countries. The maximum value of $\Delta R/R$ for Australia is 77.1% and the minimum value is 0.3% for Australia, and for Japan it is 78.4% and 2.7% respectively.

This irregularity makes analysis more difficult. To smooth the irregular movement of residuals, we apply a three-year moving average to the basic data for both countries. Figure 1-1 indicates the results of this calculation. It tells us that the Japanese values of the residual have a tendency to fluctuate markedly compared to Australian values. In terms of the moving average, the results show that Australia's maximum value of $\Delta R/R$ is 61.3% and the

² In Table 1-1, there is a discrepancy in Australian data on Y (private demand) and K (net capital stock), because of differences in the base year. That is, for the period 1970~71 to 1983~84, data on private demand and net capital stock are based on the prices of 1979~80, while, after 1985~86 they are based on prices of 1989~90. Japanese data are based on the market prices of 1990.

minimum value is 9.0%, while for Japan those values are 79.0% and 1.5%, respectively.

There is much that could be said in a more detailed examination of these residuals. However, we will not go too far into it here because the immediate purpose is somewhat limited. Suffice to say of growth accounting, that interpreting the residual is a complex matter and will likely vary among analysts. However, we want only to use recent movement of the residuals for the two countries as a proxy for the quantity of human capital so as to indicate its relative importance.

Table 1-1: Annual Sources of Economic Growth

Year	-1: Ann	Australia			Year		
	β(ΔΚ/Κ)		ΔR/R	β(ΔΚ/Κ)	α(ΔL/L)	ΔR/R	
1970~71	39%	43%	18%				
1971~72	49%	6%	45%	68%	3%	29%	1971
1972~73	37%	9%	54%	55%	1%	44%	1972
1973~74	50%	42%	8%	42%	8%	50%	1973
1974~75	44%	13%	43%	39%	49%	12%	1974
1975~76	16%	37%	46%	43%	46%	12%	1975
1976~77	42%	10%	48%	46%	50%	4%	1976
1977~78	38%	15%	47%	45%	34%	21%	1977
1978~79	21%	6%	73%	31%	18%	51%	1978
1979~80	46%	32%	22%	22%	16%	62%	1979
1980~81	45%	47%	7%	70%	16%	14%	1980
1981~82	42%	33%	25%	64%	20%	16%	1981
1982~83	30%	23%	46%	25%	14%	61%	1982
1983~84	10%	19%	71%	33%	64%	3%	1983
1984~85	16%	47%	37%	20%	47%	33%	1984
1985~86	29%	23%	47%	14%	8%	78%	1985
1986~87	22%	53%	25%	24%	3%	73%	1986
1987~88	16%	57%	27%	19%	11%	70%	1987
1988~89	12%	57%	30%	16%	11%	73%	1988
1989~90	28%	38%	35%	21%	6%	73%	1989
1990~91	36%	32%	33%	24%	0%	76%	1990
1991~92	13%	51%	36%	38%	8%	54%	1991
1992~93	16%	25%	59%	33%	35%	32%	1992
1993~94	15%	35%	50%	19%	78%	3%	1993
1994~95	25%	72%	3%	42%	26%	31%	1994
1995~96	29%	25%	46%	9%	15%	75%	1995

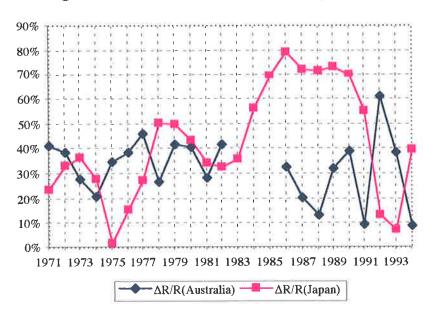


Figure 1-1: Trend of Residual (3-year moving average)

We have already seen that the residual is highly unstable in both nations and that it can be highly significant. Also, as previously indicated, the importance of human capital is not just that indicated by the residuals. It also includes change in the stock of labour. In other words, the sum of two sources, that is, the total quantities of both $\Delta R/R$ and $\alpha \cdot (\Delta L/L)$, indicate the total contribution of human capital to economic growth. This then allows us to look at each stage of economic growth in terms of the contribution of two large factors: human capital and physical capital ($\beta \cdot [\Delta K/K]$).

Using the values given by the three-year moving average, we obtain figures presented in Table 1-2. From Table 1-2, the values of physical capital of Australia and Japan are less than 50%, if we exclude observations from several early years in the series. This is an important observation: that the ratio of physical capital to total economic growth has trended downwards in the long-term and now the major contribution to growth is made by non-physical, human capital. In other words, the role of human capital to economic growth has been increasing.

Table 1-2: Contribution of Human Capital to Economic Growth

Year	Australia			Japan				Year	
	$\alpha(\Delta L/L)$	ΔR/R	(1)+(2)	β(ΔΚ/Κ)	$\alpha(\Delta L/L)$	ΔR/R	(1)+(2)	β(ΔΚ/Κ)	
	(1)	(2)	(3)	(4)	(1)	(2)	(3)	(4)	
1971~72	14%	41%	56%	44%	2%	24%	25%	75%	1971
1972~73	11%	39%	49%	51%	2%	33%	35%	65%	1972
1973~74	10%	28%	38%	62%	11%	36%	47%	53%	1973
1974~75	23%	21%	44%	56%	24%	28%	52%	48%	1974
1975~76	33%	35%	68%	32%	37%	2%	39%	61%	1975
1976~77	27%	39%	66%	34%	13%	16%	29%	71%	1976
1977~78	12%	46%	58%	42%	32%	27%	60%	40%	1977
1978~79	22%	27%	48%	52%	20%	51%	71%	29%	1978
1979~80	20%	42%	62%	38%	18%	5 0%	68%	32%	1979
1980~81	22%	41%	63%	37%	19%	43%	62%	38%	1980
1981~82	41%	28%	70%	30%	17%	34%	51%	49%	1981
1982~83	33%	42%	75%	25%	31%	33%	63%	37%	1982
1983~84	**	: - :	-	-	39%	36%	75%	25%	1983
1984~85	- 1	-	-	-	23%	56%	79%	21%	1984
1985~86	(e):	(60	-	::4:	11%	7 0%	80%	20%	1985
1986~87	49%	33%	81%	19%	2%	79%	81%	19%	1986
1987~88	61%	20%	82%	18%	10%	72%	82%	18%	1987
1988~89	64%	13%	77%	23%	10%	72%	82%	18%	1988
1989~90	40%	32%	72%	28%	7%	73%	80%	20%	1989
1990~91	26%	39%	65%	35%	4%	7 0%	75%	25%	1990
1991~92	52%	10%	61%	39%	8%	55%	63%	37%	1991
1992~93	18%	61%	80%	20%	46%	14%	59%	41%	1992
1993~94	47%	38%	85%	15%	60%	8%	68%	32%	1993
1994~95	64%	9%	73%	27%	39%	40%	79%	21%	1994

Growth accounting is useful in indicating the importance of human capital and in providing justification for this study. However, it gives us information relating to the role of human capital only in the form of a ratio. My concern is not to compute the ratio of human capital provided by growth accounting but rather to estimate more accuratley the annual monetary worth of human capital and to provide long-term comparisons between the two dissimilar nations of Australia and Japan. Such information should help in interpreting the picture of the economic activity of nations. However, to do so we need a model for estimation that both reflects sound theory and is practical from a measurement point of view. The theory will be reviewed in detail in the following chapter. Here, we will examine a summary of the model (a more detailed exposition is provided in Chapter 3).

1.4 Methodology

The basic model that I propose uses the capitalized-earnings approach, that is to say, the income approach. The income approach values the stock of human capital in terms of the earnings it provides and values human capital as the increase in income flow that it creates. The present value of investment in human capital is seen as the product of the probability of it producing a level of earnings in all subsequent time periods, discounted by the rate of interest and some uncertainty premium. This approach is shown in the equations (1-2) to (1-4).

The basic model relies on data that show income levels by age and is based on the proposition that the value of a nation's stock of human capital is equal to the expected lifetime labour income for its entire people from ages 15 to 64.

We may define the lifetime income for a given age group according to equation (1-2). For those aged 15 years, for example, the value of lifetime labour income can be defined as the sum of average incomes for all employed people as old or older, up to the age of retirement, that is, 65 years of age. Therefore,

the value of lifetime labour income of people aged 15
= the sum from 15 to 64 of [(mean income at each age)
× (the number of 15 year old people)] (1-2)

However it is not certain that any individual will survive up to 65 years and so we must discount this sum by the average probability of survival for each year. Furthermore, we have to consider another uncertain factor that we face through our working lives, i.e., the rate of unemployment that must also be introduced into the equation. Hence, so we must discount the sum from 15 to 64 of (mean income at each age) \times (the number of persons at each age) by the 1-unemployment rate (that is, the average probability of acquiring income) for each year as well as the average probability of survival. Therefore,

the value of lifetime labour income of people aged 15

= the sum from 15 to 64 of [(mean income at each age)
× (the number of persons at each age) × (mean probability of survival from year to year + n) × (mean probability of earning income from year to year + 1)]
(1-3)

Finally the present value of this income stream can be calculated for each group using an appropriate rate of discount, the equation becomes:

Present value of lifetime labour income of ages 15

= the sum from 15 to 64 of [(mean income at each age) × (the number of persons at each age) × (mean probability of survival from year to year + n) × (mean probability of earning income from year to year + 1) ÷ (1 + discount rate)^{age-15}]

As we will discuss later, there are many data restrictions which necessitates some modifications to this simple model. In particular, it is difficult to acquire annual data on income and unemployment for every age and by gender. Consequently, we have to modify the approach. Thus my estimation of the stock of human capital in Australia and Japan is developed utilizing modified data, which I shall call 'converted data'.

1.5 Outline of the thesis

The plan of this thesis is as follows: firstly, Chapter 2 surveys the relevant literature. It is not a comprehensive survey of studies in human capital but, rather, the literature has been selected because of its usefulness for my research. In particular, the survey focuses on that literature which includes suggestions about how to estimate human capital.

Next, Chapter 3 describes the methodology I have selected and propounds the basic equations I will use in estimating human capital. Chapter 3 is therefore an exposition of my basic model for estimating human capital.

Chapter 4 discusses the sources of data that may be used in estimating human capital in Australia and Japan. In particular, it investigates the definition, availability and reliability of time series data on population, mortality, unemployment and earnings by age and gender from 1947 to 1995. In the instances where we cannot obtain continuous data, estimates are constructed for some values for some years or for some age groups. Chapter 4 also explains the method of estimating those values.

Finally, Chapter 5 consolidates the converted data that has been proposed in making the estimation and provides the results of those estimations of the value of human capital in Australia and Japan. It also contains some interesting facts and comparisons that emerge. Those are briefly analysed and the chapter concludes with a discussion of further research that I intend to develop.

The statistical appendices contain the detailed data on Australia and Japan used in my thesis with the converted data shown generally in red.

Note

1. Kiker, B. F. (1966), "The Historical Roots of the Concept of Human Capital", in *Human Capital Formation and Manpower Development*, Wykstra, R. A. (ed.), New York: The Free Press, 1971.

Chapter 2 Literature review

2.1 Introduction

This chapter summarizes some of the theoretical issues pertaining to the measurement of human capital and looks at some alternative approaches to its estimation. We start with a review of the theoretical issues established by the neo-classical approach and, particularly, at the development of theoretical issues that have arisen from the economics of education. Next, we examine alternative views, some of which challenge the neo-classical approach. In section 2.3, we examine the estimation problems that commonly arise in the measurement of human capital. This then leads to the selection of an approach for this study, based on the criteria of usefulness in overcoming problems in estimation. The process will also highlight the strengths and limitations of each approach. However, before examining theoretical matters, it is useful firstly to make clear the rational decision rules said to be fundamental in the accumulation of human capital.

In the literature on the economics of education two methods of calculating returns to an investment are said often to appear (Leite et al, 1969, pp. 84-87). Firstly, there is the internal rate of return method (IRR) which calculates the discount rate that equates the costs and returns of investment of human capital. It is the value for IRR that conforms the following equation:

 $C = [R_1 \div (1+IRR)] + [(R_2 \div (1+IRR)^2] + \cdots + [(R_n \div (1+IRR)^n]]$ where C = costs of investment, $R_n = net$ returns from the investment in year n and because the costs are incurred over a period of time, they are discounted using an appropriate interest rate.

The investment criteria arising from this method are as follows:

- (a) invest as long as IRR>r, where r is the rate of interest reflecting the opportunity cost of the investment expenditure,
- (b) rank alternatives according to their internal rate of return.

Secondly, Leite isolates the net discounted present value method (NPV) under which the value is established by discounting the returns by the appropriate discount rate (d) such that:

NPV = - C +
$$[R_1 \div (1+d)] + [(R_2 \div (1+d)^2] + \cdots + [(R_n \div (1+d)^n]]$$

When the costs are incurred over a period of time, they should also be discounted. The investment criteria of this method are as follows:

- (a) invest as long as NPV is positive
- (b) rank alternatives according to NPV

There is a range of difficulties associated with these methods. However, one matter is particularly important and recurs within this study:

"The choice of discount rate is crucial to both methods. Conceptually, for an individual, it should represent the opportunity cost of the investment, that is, it should be the rate of return on the next best alternative. With imperfect capital markets and a variety of interest rates the precise rate to be chosen is not clear, but for long term investment (for example, in education) the yield on undated government stock can be taken as a fair approximation. Theoretically, the rate should reflect society's time preference and also the opportunity cost of funds drawn from the private sector. In the real world the two do not coincide, the latter always tending to be greater, and a policy decision is required to select the rate. In practice the choice tends to be arbitrary, but tends to approximate the yield on undated government stock". (Leite et al, 1969, pp. 86-87)

Using this basic exposition as background, we now turn to an examination of the theoretical issues.

2.2 Theoretical issues in measuring human capital

We begin this section with a review of the main points from the neo-classical approach to human capital. According to the neo-classical literature, human capital is measured by the value of the additional production that results from investment in human capital assets, that is, the marginal product of labour (MP $_{\rm L}$). This means that human capital can be valued according to the following simple equation:

 $HK = MP_{L} + IRR \tag{2-1}$

where

HK = value of human capital

MP_L = marginal product of labour

IRR = internal rate of return of human capital (the internal rate of return is the interest rate which would bring the net present value of an asset is zero).

Now if the market for human capital is in equilibrium, the condition of MP_I and IRR become,

 MP_L = wage, and IRR = rate of interest = r, then, equation (2-1) becomes:

$$HK = wage + r$$
 (2-2)

This equation suggests that the measurement of human capital requires,

- (1) estimates of the expected costs and benefits of each type of investment and the probabilities associated with these expectations, and
- (2) an assumed discount rate.

The benefits will be in the form of higher future income (which, under equilibrium assumptions, is the same as higher MP_L). The costs are the direct costs of the investment activity plus the opportunity costs (that is, wages foregone). The discount rate is the real, long-term rate of investment.

If we assume that the actual outcomes are equilibrium outcomes, this technique can be considered simple and generates immediate results, i.e., in Australia, the total wage bill in 1995~96 was about

\$206 billion and the real rate of interest was almost 4.7%. In Japan, the amount of wage in 1995 was about ¥28.477 trillion and the real rate of interest was 2.6%. Hence, the value of human capital in each nation becomes,

HK (Australia) = $206 \div 0.047 \cong \$4.4 \text{ trillion}$ HK (Japan) = $28.477 \div 0.026 \cong \$1,095 \text{ trillion}$ $\cong \$12.7 \text{ trillion (expressed by the exchange rate at the end of 1995)}$

However these estimates may be criticized on the ground that markets are not a perfectly competitive equilibrium, that is,

 $MP_L \neq wage$, and $IRR \neq rate$ of interest

Disequilibrium conditions may exist both in Australia and Japan for many reasons, indeed for any reason that contravenes any of the assumptions of perfect competition. Therefore, we have to find an alternative approach for estimating human capital. In order to do so we will examine the literature to see how others have dealt with the limitations of the neo-classical approach.

We begin with a review of the theoretical issues that arise from debate in the economics of education. To do so we firstly make use of Mark Blaug's review (Blaug, 1985). According to his article, the basic, causal mechanism of the economic effects of education developed by the neo-classical view may be summarized in the following line of causation: education leads to increased human capital assets which increases the marginal product of labour and therefore increases income.

This simple relationship is consistent with the marginal productivity theory of income distribution, that is, that all factors of production (land, labour and capital) are paid their marginal products. It is supported by data, which show that education and income levels are positively correlated. However, Blaug explains how other researchers (often not economists) have challenged the neo-classical view. We will examine four such hypotheses as examples of these alternative views. These are: the Marxist view,

the screening hypothesis, the internal labour market hypothesis and the labour market segmentation hypothesis.

The Marxist view is critical of the line of causation drawn from the neo-classical view. Marxists argue that education is not primarily intended to raise productivity. Rather, education aims to socialize children (see, for example, Samuel Bowles and Herbert Gintis, 1976). It divides pupils into 2 groups: one of which have characteristics consistent with social elites (that is, capitalists) and are "streamed" into educational courses which teach them the leadership qualities required of the management and ownership class. The second (much larger) group are "streamed" for low skill, low wage jobs. This implies that education is largely economically irrelevant, i.e., it does not aim to increase the productive abilities of pupils but to divide them into workers and capitalists. Conclusive evidence for the Marxist view would be difficult to collect. However, if the approach were valuable we would expect it to be reflected in the attitudes of employers (i.e., employers would care less about what potential workers know than how they behave). Further, the hypothesis might be examined via the relationship between economic growth and changes to the education system (i.e., it would be expected that the education system would not teach relevant skills which must change with economic growth but would rather teach a social orientation which does not change directly in economic development). Finally, there will be no meaningful relationship between skills required on the job and education (i.e., the Marxist position is stronger the more true it is that skills are taught not at school but in the first few weeks on the job).

Turning now to the screening hypothesis (see, for example, Richard Layard and George Psacharopoulos, 1974), it begins by accepting the proposition that increased education leads to increased income but rejecting the neo-classical view that this link is created by the association of education with higher productivity. In other words, highly educated people might be paid more but not necessarily because they are more productive. Education is conceived as a screen or filter by which employers overcome their

lack of information about potential new employees. Education is therefore taken as a proxy for ability. Note that education might be only one such screen. Employers could also use age, gender, race, and so on, as additional proxies for ability. The strong correlation often observed between education and income is then interpreted as indicating that education is the most commonly used screen and this partly because it is socially acceptable.

The screening hypothesis leads to a number of predictions. For example, the hypothesis predicts that incomplete education does not increase income, i.e., employers will treat failure to complete a course as evidence of poor ability. However, data suggests that people with incomplete university degrees have higher incomes than those who do not start. The hypothesis also suggests that education will be positively associated with starting salaries but, over time, the association between education and income will weaken, i.e., employers realize that education is only a proxy for ability and once an employee has started work, his/her ability is measured more directly. However, the evidence suggests that the association continues throughout the worker's life. This has led to modifications to the screening hypothesis, directing attention to the determinants of promotion within the firm. A further prediction would be that education will not be positively associated with income for the self-employed because, for these people, there is no need for a screen. However, data suggests that better educated, self-employed people earn higher incomes. Finally, the screening hypothesis suggests that employers will establish cheaper proxies for ability, i.e., education is expensive to provide and unreliable as a substitute for information about ability and therefore employers will look for another proxy. However, education remains a widely accepted indicator of ability.

We can take from this brief review that there is some association between income and education and that the screening and Marxist hypothesis are, at best, only partial explanations. The question then arises as to what determines an individual lifetime income. Researchers have suggested two further factors that might account for the observed income profile: the internal labour market hypothesis and the labour market segmentation hypothesis. These are thought to modify the impact of education on earnings.

The internal labour market hypothesis (see, for example, Lane V. Rawlins, and Lloyd Ulman, 1974) arises because, in explaining the lifetime income of individuals, it appears to be necessary to consider the way in which wages are determined within a firm. It is proposed that firms create an internal mechanism for promotion so that labour is hired for low paid and entry positions and lifetime income is determined by subsequent promotion. It is suggested that the internal labour market arises for a range of reasons: to improve the morale of workers, improve the efficiency of hiring (the firm always hires to fill the most basic positions), and to reduce reliance on using education as a screen (education might determine initial training but promotion and lifetime income will depend on the internal labour market).

The labour market segmentation hypothesis (see, for example, Edmund Phelps, 1972) addresses the observation that, while on average education is positively associated with income, there is a great dispersion of wage levels about the mean for any given level of education. The labour market segmentation hypothesis suggests that the impact of education on income is modified by other forms of statistical discrimination (for example, by gender, race, and so on) to segment the labour market. If this were so then two predictions arise: firstly, well-paid jobs will be positively correlated with factors other than education. This appears to be true. There is, for example, a strong correlation between income and gender. Secondly, there will be little mobility between well defined job clusters, that is, few women will begin as low paid workers but end up high paid managers. However, the evidence suggests this is not so.

There are a number of implications in these alternatives, non-neoclassical viewpoints. For example, it seems clear that education does not create human capital assets designed only to meet the needs of production. In other words, education has purposes other than increasing productivity alone. Hence, educational policies may be fitted to a wide range of growth rates. Further, if the internal labour market hypothesis were correct, it would suggest that firms are more concerned to create high morale and cooperation among its workers than to expand each individual's stock of human capital. So, for example, we might expect firms faced with a downturn to sack some workers (especially minority groups if the labour market segmentation hypothesis holds) rather than reduce the wages of all employees because, while the latter course would reduce the morale of all workers, the former only demoralizes dismissed minorities. It is an interesting empirical question whether firms actually do apply the labour market segmentation hypothesis based on education but one that does not concern us centrally here.

We turn now to examine another alternative: Thurow's view of investment in human capital (Thurow, 1970). Thurow examines both the theoretical and estimation problems in the measurement of human capital. He is interested in human capital for four reasons: to provide estimates of an economy's total resources; to determine the optimal level of investment in human capital; to explain economic growth; and, to explain the income distribution.

Thurow defines human capital in a way consistent with physical capital, that is, its value is equal to its productive services or the value of the goods and services it produces. To examine the correct or optimal level of investment and to estimate the value of the stock of human capital, Thurow explains that:

price of human capital assets

= the present value of the net future income stream derived from human capital discounted by the rate of interest and allowances for risk and uncertainty. (2-3)

Now, if it is a perfectly competitive world, the MP_L = wage, and: future income stream

- = productive value of human capital
- = value of goods and services produced (2-4)

That is, labour can earn extra income from investment in human capital equal to the additional value of goods and services it produces. However, if there is imperfect competition, overinvestment or (more likely) underinvestment can result. Nevertheless to determine the right level of investment, Thurow begins by assuming the world is perfectly competitive.

As we have seen, it is rational to invest in human capital if the net income stream (discounted into the future) is positive. This is the same as stating that it is rational to invest if the internal rate of return (IRR) is greater than the interest rate. Investments are made and human capital accumulates until the point is reached where the IRR becomes to equal the interest rate. Then, in a perfectly competitive world, the value of the stock of human capital (HK) is equal to the ratio of the wage rate to the IRR, that is, the neo-classical relationship we have seen before:

$$HK = wage \div IRR$$
 (2-5)

But, in the real world, markets are imperfect. For instance, if the marginal productivity of labour does not equal the wage, then, individuals will not invest just the right amount to achieve equilibrium. Other sources of market failure lead to sub-optimal investment decisions. For example, access to finance may be different to that which obtains under perfect competition. In addition the IRR is very difficult to estimate which makes this simple approach less useful.

Next, Thurow establishes that there is not one price for human capital but many. These variations further indicate imperfections in markets. Thurow also shows that the technical relations in producing human capital are not known. For example, we do not know how a specific increase in education expenditure will affect the ability of people to acquire skills. This means that there is great uncertainty in the relationship between investment in human capital and the marginal productivity of labour.

In addition, Thurow investigates the decision to invest. He shows the decision to invest depends on current income, interest rates (and access to finance) and individual's time preferences. Thurow suspects that imperfections in the capital market lead to underinvestment in human capital. In particular, those individuals will not invest at the optimal rate because they are unable to gain access to sufficient finance.

Thurow also considers the role of the firm. He shows how the individual will invest to increase the present value of lifetime incomes and he adds the important point that the firm will also invest. Firms will do so partly to increase the marginal productivity of human capital and appropriate some gain for themselves and partly to increase the marginal productivity of capital, i.e., labour and capital are complementary. To the extent that firms gain through such investment, these benefits provide additional reasons for investment. These are reasons, which are not relevant to individuals, and therefore which will lead to underinvestment if individual decisions are relied upon.³

In addition, Thurow argues that firms have better access to finance and other factors that make them more able to invest in human capital than individuals. Therefore they have an important role in enhancing the investment in human capital. Nonetheless, he argues that the level of investment may still be less than optimal and the distribution of human capital investment may be inequitable. Both suggest that government might also have some role in achieving the optimal level of investment. The role for government in providing investment in human capital arise partly to achieve non-economic objectives (that is, equity and fairness), partly because of externalities associated with education (for example, benefits to society that individuals or firms undervalue) and partly because imperfections in the capital market lead firms and individuals to underinvest.

³ This view provides a critical perspective on Becker's distinction between general and specific training. Becker (1964) argued that firms will provide no general training because it is transferable to other firms. But Thurow points out that because they may have monopoly powers, firms may appropriate some of the gains in marginal productivity of labour that result from such training. Further, general training increases the marginal productivity of capital and this provides gains to the firm and, finally, general and specific training are not mutually exclusive. Hence, the sharp distinction drawn by Becker is not justified.

In short, Thurow's work shows that there will be underinvestment in human capital by the individual and the governments and companies should also invest. Imperfect competition means that rational individual decisions alone will lead to sub-optimal investment. This failure may arise due to any one or all of the following:

- (1) The price of labour is not right (that is, $MP_L \neq wage$). The monopolistic power of employers allows them to pay wage $< MP_L$, then individuals cannot gain the full benefits of their investment and will underinvest.
- (2) In addition the wage rate will not reflect the complementarily of labour and capital because of measurement problems, i.e., investment in human capital increases the marginal product of capital but it is difficult to measure how much of the increase is due to changes in human capital.
- (3) The price of finance is not right. Imperfections in the capital market mean that to borrow for investment in human capital will require the payment of an interest rate that is higher than for other investment opportunities. This leads to underinvestment and suggests either companies or governments have a role in assisting with access to finance.
- (4) Some of the benefits of investment are not measured, that is, are unpriced. These include benefits that accrue to society (so called externalities) from investment in human capital, i.e., society benefits in many ways from more educated people and these benefits are unpriced and ignored by individuals in their decision to invest.

Thurow provides a range of reasons that suggest how difficult it is to determine the right level of investment in human capital or to calculate the actual rate of return. As implied by equation (2-5), this means we cannot value the stock of human capital. In addition to these problems arising from various forms of market failure, Thurow also makes the following criticisms of the simple neoclassical line of causation previously provided.

Firstly, the theoretical position assumes that earnings are maximized when it is better to assume that humans maximize utility. Secondly, the existence of complementary consumption goods complicates the position, i.e., in the process of investing in human capital assets or producing with human capital assets, utility is affected by goods consumed at the same time. For example, students are investing in human capital but might also be enjoying (that is, consuming) schooling at the same time. To calculate how much schooling they should undertake we must take into account both the utility from future earnings and the utility from current consumption that results from schooling (of course, schooling may be disliked, i.e., it might create disutility). This is the problem of joint products.

Thirdly, there is the problem of self-produced consumption: Investment in human capital might increase the ability of people to produce non-marketed goods but because these are unpriced we have no way of including them in our calculation of the optimal level of investment (this is a matter to which we return below). Fourthly, changing preferences also create difficulties. People maximize utility and utility depends on tastes and preferences but our tastes and preferences change in ways that we cannot predict. This makes the *ex ante* value of human capital impossible to determine, that is, its value before investment is undertaken is highly uncertain (By contrast, the assumption of perfect competition include that tastes are known and unchanging).

A fifth difficulty arises with the joint costs of production and consumption, i.e., there are certain costs necessarily incurred to maintain life. If these costs were only necessary for production we would add them to the costs of acquiring human capital to get the total cost but they are for both production and consumption and we cannot know how much is for production alone. Sixthly, human capital has some characteristics of a natural resource: the ability to acquire human capital is partly inherent and, hence, acquisition is determined in part by the qualities of the existing stock. This suggests that the human capital production function is different

for each individual, i.e., labour is not homogenous and the costs and benefits of investment will be different for different people. This creates problems for firms in knowing whether to hire or to fire labour and means also that the value of human capital is dependent upon the characteristics of the investor.

Human capital investment decisions is also affected by the fact that some crucial decisions must be made when the investor is young, i.e., before an individual is assumed to be rational. There is also the problem of 'lumpy' investment, i.e., human capital investment has long gestation (itself a source of difficulty in knowing how much is the right level) and is often indivisible (it is impossible to do half a medical course and to become half a doctor). Therefore individuals cannot add marginal amounts of investment until the net present value equals zero.

Further, human beings are, economically speaking, a collection of assets. Some are complements and some substitutes but they cannot be separated. Therefore some of an individual's human capital will be idle and hence it is difficult to determine the increase in productive capacity due to investment in any one skill. There is also the problem of opportunity costs, i.e., for all individuals to make rational decisions (which will allocate the scarce supply of human capital asset investment opportunities between them) they must face the same opportunity costs. However, the more human capital one has the greater the opportunity cost of further investment (this is another aspect of inseparability). The nature of human capital assets also presents some unique financing difficulties. In particular, human capital cannot be separated from its owner, i.e., it is illiquid and it cannot be mortgaged. This problem will mean that financial markets will favour investment in physical not human capital.

Thurow concludes that there is a long list of differences between human and physical capital and of reasons to expect disequilibrium and sub-optimality in investment decisions. These differences mean that the decision to invest in one or the other is never a simple calculation. Some economists take the simple view that human capital is just another sort of capital but Thurow says, "all of (these differences) require some modifications in investment theory as it has been developed for physical capital". (ibid., p. 135)

He argues that the differences lead to systematically too much investment in physical capital, too little in human capital.

In conclusion to this section, we have seen, in the ways in which education and incomes are correlated, that neither the Marxist nor the screening hypothesis fits all the facts. Further, having examined the weakness of the neoclassical approach, it is clear that no readily available approach captures all the complexities involved in measuring the stock of human capital. Moreover, Thurow's work shows that there are many theoretical problems related to valuing the stock of human capital. Further still, even a good measure of this value does not necessarily indicate the worth of human beings from a social or national point of view. Nonetheless, measuring human capital remains, in the long-term, a key element in opening the way for explaining the past and future economic growth of nations. Hence, we need to look more closely at the methods by which others have sought to measure it.

2.3 Research in the estimation of human capital

This section looks at some alternative approaches to the estimation of human capital. It begins by expanding upon the previously stated investment decision rules to provide a firm basis to understanding the rationality of investment decisions. Then we describe a number of previous attempts to estimate the value of human capital, from Engels and Wittstein in the 19th century to more recent work by Mincer, Jorgenson and Pachon et al. These approaches have been selected on the basis that they provide useful information to assist in estimating the value of human capital.

We have already mentioned two methods of calculating returns to an investment but we now return to examine the criterion for making choices among competing investment alternatives, following the work of Hu et al (1971) to give a more detailed explanation.

In general, the best basis for making choices among competing investment alternatives is that of maximizing the difference between the present value of benefits and the present value of costs. Three decision rules are useful: the expected net present value criterion, the cost-benefit ratio, and the expected internal rate of return. These three rules are equivalent only under some severe conditions, i.e., that capital markets are perfectly competitive; that all available projects are completely divisible; that there is no interdependency among projects; that all net returns can be reinvested at their own internal rates of return up to the terminal date of the longest-lived project.

The expected net present value criterion can be understood as requiring that one should adopt any project for which the present value of the discounted stream of net benefits is greater than zero. Or, if more than one project has net discounted benefits greater than zero at the given rate of interest, one should adopt that project with the highest present value of net benefits. Computationally, an equation for achieving this measure is as follows:

$$V_0 = [S_0 \div (1+i)^0] + [S_1 \div (1+i)^1] + \cdots + [S_t \div (1+i)^t]$$
 where V_0 is total net present value, i is the rate of interest used to discount; t is the time period; S_t is the sum of benefits, B_t , less costs, C_t

The second decision rule, the cost-benefit ratio, tells the decision-maker to invest in those projects for which the ratio of the present value of benefits to the present value of costs is greater than unity. The equation for this rule is as follows:

$$\{ [B_0 \div (1+i)^0] + [B_1 \div (1+i)^1] + \cdots + [B_t \div (1+i)^t] \} \div \{ [C_0 \div (1+i)^0] + [C_1 \div (1+i)^1] + \cdots + [C_t \div (1+i)^t] \} > 1$$

The internal rate of return calculation provides a simple percentage that can be compared to that interest rate which is taken to represent an acceptable rate of return on social or private investment return. Briefly defined, the internal rate of return is that interest rate which makes the discounted value of costs equal to the discounted value of benefits. One equation for this measure is as follows:

$$E(r) = \sum_{t=0}^{n} (B_t - C_t) (1+r)^t = 0$$

where r is the expected internal rate of return; B is the benefit per time period; C is the cost per time period; and t is a subscript denoting the time periods.

In practice, the above equation is relatively difficult to use and depends for its solution on a technique of successive approximation. However, the use of an electronic computer makes the solution of such a polynomial equation relatively straightforward at least in terms of the physical effort required.

A variant of this equation is available:

$$C \cdot \sum_{t=0}^{n} \left[1 \div (1+r)^{t}\right] = B \cdot \sum_{t=0}^{n} \left[1 \div (1+r)^{t}\right]$$

where r is the expected internal rate of return;

C is the average cost per time period and assumed constant for all time periods;

B is the average benefit per time period and assumed constant for all succeeding time period;

and t denotes the number of time periods.

This equation also depends for its solution on a technique of successive approximation.

However, if costs are assumed constant during the training period and if benefits are assumed constant and extend to infinity, the above equation reduces to that below and the rate of return can easily be obtained as follows:

$$r = [1 + (B \div C)]^{(1/t)} - 1$$

where r is the expected internal rate of return; t is the number of time periods of education in whatever units chosen, (years, months, etc.); and B and C are the marginal benefits and marginal costs per unit of time and are assumed to be constant.

Thurow (op. cit., pp. 23-25) has added that the estimation of human capital also includes the risk and uncertainty associated with earnings streams. The left-hand side of the following equation (2-6) is an attempt to measure the benefits of investment. It is the basic equation applying to the capitalized-earnings approach. An interest rate (i) is used to discount an earnings stream (E_t) over the life expectancy (n) of the asset. The equation on the right hand side measures the costs of investment in human capital and corresponds to the cost-of-production approach.

$$CV = \sum_{t=0}^{n} \left[\left(\sum_{j=1}^{m} P_{j} E_{j} \right)_{t} \div (1+i+u)^{t} \right] = \sum_{t=0}^{n} \left[\left(EV E_{t} \right) \div (1+i+u)^{t} \right]$$
(2-6)

where

CV = capital value

 P_i = probability that E_i will occur

 E_i = earnings in time period t

EVE = expected value of earnings

i = interest rate

u = uncertainty premium

t = time

 $j\rightarrow m = number of possible outcomes$

This can be rewritten in terms of the net value of benefits set against costs:

$$NCV = \sum_{t=0}^{n} \left[\left(\sum_{j=1}^{m} P_{j} E_{j} \right)_{t} \div (1+i+u)^{t} \right] - \sum_{t=0}^{n} \left[\left(\sum_{k=1}^{s} P_{K} C_{K} \right)_{t} \div (1+i+u)^{t} \right]$$

$$(2-7)$$

where

NCV = net capital value

 $C_K = cost of acquiring k$

 P_K = probability of cost of acquisition k

u' = uncertainty premium for costs

 $k\rightarrow s = number of possible outcomes of costs$

As I will explain below, primarily because of limitations imposed by data availability and comparability, I will be using the former equation to develop my estimates of human capital. Before doing so, we can look at some of the applications of the cost-of-production approach.

One of the earliest attempts to estimate the cost of creating a productive human being was made by Ernst Engel (in the year 1883, see Cohen, 1975). His formulation of the total cost of producing a person up to age x can be expressed as the sum of an arithmetic progression:

$$C_x = (n \div 2) \cdot [2c_0 + (n-1)d]$$
 (2-8) where $n = x + 1$; c_0 is the cost incurred up to the point of birth; d is the annual increment in costs which is proportional to c_0 (that is, $d = k \cdot c_0$, where k is constant); and C_x is the total cost of producing a human being up to age x.

Equation (2-8) is applicable only for $x \le 26$, i.e., when a person reaches age 26, his production is complete.

We can criticize Engels' basic assumption that the marginal cost of production in any given year after birth is constant as unrealistic. His estimates are also weakened in that he ignores depreciation and maintenance costs, and the existence of an interest rate.

Following Cohen (ibid.), in 1867 Theodore Wittstein presented a formulation that improved on Engel's in so far as it took into account the rate of interest as well as maintenance costs and the number of men living at age n in a life table (in 1867). In 1930 Louis Dublin and Alfred Lotka also conducted a thorough investigation of the costs involved in bringing up a child.

More recent formulations of the cost approach have been applied by E. R. Chang et al (1979). Their simple approach was chosen because it provides a treatment of human capital consistent with the current practices of national accounting used in measuring the value of non-human tangible assets. This at least treats education as investment, rather than as consumption as is currently the case in national accounts data. Chang et al consider only the measurement of investment in general education (that is, primary and secondary education) and they apply the following technique:

investment begins at 5 years of age and the productive life of human capital is 60 years (that is, until retirement at age 65). This is the time period over which costs are aggregated to provide estimates of the stock of human capital in any year, i.e., to provide estimates for 1994 we must go back as far as 1934 for cost data. Investment continues until age 17 when the productive life of an individual is assumed to start. After that, assets depreciate on a straight-line basis until they are valued at zero by age 65. For a particular point in time, say at the end of year t, they estimate the cost of general education embodied in human beings in the workforce as giving a lower bound to an estimate of the value of human capital. This is achieved in the following manner.

Firstly, given information about the total expenditure on general education and the number of pupils, they construct estimates of the average historical cost per pupil being taught in each of the years, (t - x), x < 60; the historical cost is adjusted for price level changes by the use of a price index (they chose the GDP deflator). They assume that the average cost per pupil in each year is the same for all pupils of all ages and calculate the cost of education embodied in a person born in a particular year, q, (where [16 < (t - q) <66]) equals the sum of the average cost of general education in each of the years (q+v), v = 5, ..., 16, i.e., by summing the average cost when the person born in year q was being educated. These costs are then discounted by $(1+r)^{16-v}$ (where r = the rate of interest, v = the age when education cost was incurred for the cohort born in year q). Hence the present value of the cost of general education embodied in that person is given by the following equation.

$$\sum_{v=5}^{16} \left[C_{(q+v)} \div (1+r)^{16-v} \right]$$
 (2-9)

These costs are depreciated by means of a scaling factor equal to [65 - (t - q)] + (65 - 16) in year t, giving a straight-line function.

This process is repeated for all values of q to give the total for year t. The total is the present value in year t of general education expenditure for all people of workforce age (in year t) discounted

by the rate at which human capital assets are assumed to depreciate.

Although it is more comprehensive than the other approaches so far considered, there are a number of limitations inherent in this method of estimation. Firstly, only general education is used as an indication of investment in human capital. This excludes other forms of investment that add to skills (for example, training) or that lengthen asset life (for example, health expenditure). Secondly, this approach is based on some restrictive assumptions: that opportunity costs are zero, i.e., that income is not foregone while students attend school (although this may be more easily justified when considering students in primary and lower secondary education before the minimum school leaving age); that the consumption aspects of education are too small to be significant; that all people of a given age have survival functions which are independent of education (if well educated people tended to be more likely to survive then, by using average cost of education per person, we would be under-estimating the stock of human capital). In addition, this approach is not useful in explaining individual decision making regarding education or other human capital investment decisions nor in estimating the rate of return on different kinds of education nor in explaining the income distribution. In short, this approach fails to be entirely satisfying or comprehensive.

A second alternative approach is that developed by Keith Hancock and Sue Richardson (1985). Their work is of particular interest because it reverses the normal approach to measuring human capital. In valuing human capital it is usual to calculate the rate of return by measuring or estimating the costs and the benefits. However, in this paper, it is assumed that competition is sufficiently effective to create a single discount rate that approximately equates the net present value of different wage-time profiles. This rate would describe the time preference of society but for the systematic influences of other factors and the random influences of market failure. If it could be shown that

such a generally applicable time preference exists, it could be used to justify relatively straightforward methods of estimation.

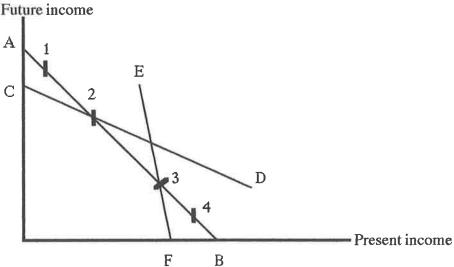
In essence, Hancock and Richardson argue that, to the extent that the labour market is competitive and a commonly perceived discount rate existed, we would not expect large differences in lifetime earnings. The competitive process will match skills acquired with skills required and will do so at a wage-time profile that gives lifetime earnings the same net present value for all occupations. For example, if a mathematician's wage were so low that it did not compensate him for his lack of income when studying, we would expect that fewer and fewer people would become mathematicians and that, as the supply fell, the wage rate would rise.

The theory of capital markets then adds that, if they too are competitive, the rate of interest equates to the perceived discount rate and will mean that the internal rate of return equals the rate of interest for all people. However, as Thurow points out, the rate of interest might not be the appropriate rate in this case because human capital assets have peculiar characteristics (that is, are illiquid, cannot be freely sold, and so on) and because the capital markets may fail. Hancock and Richardson attempt to find out whether there is a rate of discount other than the rate of interest that equates lifetime earnings.

Their method begins with income data from the 1976 Australian Census, classified by age, occupation and education. They find that low start incomes are associated with high-end incomes and vice versa. They suppose that pay differences are fully explained by the human capital model, i.e., everyone discounts future income at the same rate, future incomes are accurately foreseen, and labour so distributes itself as to achieve the rate of return on career choices implicit in the agreed discount rate. It follows from these assumptions that, at the unique and shared rate of discount, there are no differences in lifetime earnings. At 'false' discount rates, inequalities appear and adjustments ensue.

Figure 2-1 illustrates these statements for a hypothetical world of four occupations (or levels of qualification) and two time periods. The line AB corresponds to the true discount rate and shows a range of combinations of current income and future income that at that discount rate have the same present values. Points 1~4 correspond to four different occupations. There will be occupations (such as 1) which involve more study but higher incomes later and others (such as 4) involving more income at first but relatively less later. At a lower discount rate (shown by CD), occupation 1 has higher lifetime earnings than occupation 2, which, in turn, is superior to occupations 3 and 4. Further reductions in the discount rate increase the differences in lifetime income but do not alter the ranking. In such circumstances, the supply of labour for jobs like occupation 1 will grow and the wage will decline. This would move them towards the line CD. At a higher discount rate (shown by EF), occupation 4 is superior to occupation 3, which is superior to occupations 2 and 1. Then the supply of labour for these jobs like occupation 4 will grow and their wage will decline which would move them towards the line EF.

Figure 2-1: Lifetime Earnings at Different Discount Rates



This model leads to the proposition that only with an interest rate of AB do we have an equilibrium. If such an interest rate can be found which fits all occupations on one line it is strong evidence to suggest that the market is competitive and that the theory of human capital is plausible.

The authors show that such a discount rate which lies in the range of $8\sim12$ per cent. If people could borrow and lend at rates in this range, they would invest just enough in human capital assets so as to be indifferent about any more investment. It is suggested that this discount rate reflects the average time preference of society, i.e., people are generally indifferent between \$X now and \$X(1+r)^n n periods later, when r is in the range of $8\sim12$ per cent. Human capital investment will continue in each occupation until the rate of return on that investment equals the rate of interest and this time preference.

However, as the authors point out, there are a number of reasons to believe that the discount rate on investment in human capital does not equate to society's time preference. For example, if rates of return reflect not just income foregone and costs, but also innate ability, then the apparent discount rate will not represent time preferences. This could be the result of the fact that intelligent people value the future relative to the present value more highly than do unintelligent people or, similarly, if education involves not just foregoing income but also generating consumption benefits from education, then the discount rate and actual time preferences will diverge.

A third approach to valuing human capital focuses on resolving the apparent conflicts between the neo-classical human capital theory and the screening hypothesis. We have already considered the screening hypothesis in which education acts as a filter to separate potential employees according to some criteria and that this contradicts the basic neo-classical line of causation, i.e., that education enhances human capital assets, increases the marginal productivity of labour and results in higher incomes. However, Stephen Ferris and Daniel Shaw (1988) believe that this dichotomy between neo-classical human capital theory and the screening hypothesis is not useful and may be unnecessary. They propose firstly that education is productive, i.e., although individuals start with innate ability their education does produce skills which is what employers actually value. Secondly, they recognize that as

skills cannot be costlessly observed, screening will also be undertaken. Assuming that all individuals have the same costs in undertaking education (i.e., the costs are independent of an individual's ability), it is reasoned that screening is not being done by the education system (that is, we cannot infer ability or skills from education). Instead, employers must devise their own screening tests to infer skills by measuring ability (it is likely to be too expensive to test directly for skills). In other words, Ferris and Shaw believe that the screening hypothesis is not incompatible with the neo-classical approach.

The model employed by Ferris and Shaw begins with a relatively simple world in which information about skill levels is perfect (that is, costless). They begin by considering a community with M potential employers and N potential employees, where both employers and employees are risk neutral wealth maximizers. Potential employees appear identical but are assumed to differ with respect to their endowed abilities. The level of ability held by the i th employee is assumed to be representable by a scalar, a_i , where ability is unobservable but known to be distributed over the range [a, a]. Although individuals have innate differences, they face the same present value education cost function that is

they face the same present value education cost function that is convex and depends only upon the level of education, e, to be acquired, that is,

$$c_i = c(e), c_e > 0, c_{ee} > 0, i = 1, \dots, N$$
 (2-10)

and the same quasi-concave skill transformation function, s, through which levels of ability and education are transformed into levels of skill,

$$s_i = s(a_i, e), s_e > 0, s_{ee} < 0, i = 1, \dots, N$$
 (2-11)

Each potential employee is then assumed to face increasing costs when acquiring education and decreasing returns in transforming education into skill. Education and ability are assumed to be complements in production so that the partial derivatives s_a and s_{ae} are both positive.

Assuming that all employees face a wage-skill profile, w(s), that in present value terms is an increasing function of the level of skill held, the individual choice problem is to

This is maximized when the first order condition is:

$$w [s_e (a_i, e)] - c_e = 0,$$

i.e., wealth is maximized when education is acquired to the point where the incremental effect on earnings is just equal to the marginal cost of additional education (both in present value terms). Then, for all employees, W_i is maximized and the optimal level of e and s of the cost and skill functions depends on two conditions: the level of ability held by each employee and the shape of the wage-skill function.

Wealth maximizing agents interact competitively to establish an equilibrium wage-skill profile and corresponding match between employee ability levels and employer skill requirements. In competitive equilibrium, the ability of employers to observe the skill levels of potential employees has resulted in a job matching equilibrium in which employees with higher levels of innate ability are combined with employers who require higher levels of skill. In this way, the aggregate education costs of producing the skills required by society are minimized. Moreover, the ability to observe skill directly implies no divergence between private and social benefits and costs. Thus without transactions costs, individual maximizing behavior permits the maximization of all potential economic rents. Competition both within and across skill levels results in the proportioning of the social surplus according to the scarcity values of initial endowments.

The next step in the exposition of Ferris and Shaw's model is to relax the unrealistic assumption that information is costless. The authors assume that neither the level of innate ability nor the

 $^{^4}$ The second order derivative of W_i shows that, under these conditions, ability, skills and education are positively correlated and that skill is maximised for minimum cost, that is those with highest ability get the most education and end up with the highest skill.

⁵ The article derives this equilibrium diagrammatically. The actual mechanism is obscured. As the authors put it "equilibrium requires only a description of the process by which competition induces the necessary price adjustments". (ibid., p. 237)

level of skill can be observed directly by employers. The difficulty in attempting to use the correlation that exists between the level of education attained and the level of acquired skill in the transaction costless equilibrium leads employers to adopt a reward structure based on educational attainment, i.e., employees appear indistinguishable to employers and the non-separability in production makes even *ex post* measurement of individual productivity prohibitively costly. Hence, there is no reason to expect the achievement of the equilibrium described above and, in this situation, employers would try using education as a proxy for skills and the link between wages and skills (that is, the wage-skill profile) is lost.

In other words, when employees have no mechanism to signal credibly their level of either skill or ability, the cost-minimizing correlation between levels of innate ability and levels of acquired education is lost. At each level of education, the forthcoming distribution of employee abilities and hence skills would be normal. This will produce an asymmetry in the job matching process for employers by levels of required skills. The inability to measure skill levels costlessly prevents the market from rewarding differentially levels of skill that arise for reasons other than education. This forces on the community the higher costs of producing required skill levels in a less efficient manner. This inability of employers to use education as a proxy for skills is a direct result of the fact that education levels are not related to ability. As a result, employers develop their own screen to measure ability. As the authors put it:

"To discriminate among potential employees, all of whom can be educated at the same cost, real resources must be used. The necessity of screening then means that the net benefits of hiring fall for both employers and employees. Moreover, the difficulty of the test and hence the incidence of measurement costs is not independent of the ability requirements of employees. Employers who require the highest skill levels, for example, must be able to isolate the relatively few employees with the highest levels of ability". (ibid., p. 240)

The costs and difficulties in measuring ability mean that employers use relative education levels as a screen. This has effects on the lifetime wage profile:

"While relative evaluation reduces absolutely the costs of measurement for the community, relative measurement also impacts differentially across employers and thus on net returns across levels of education. The introduction of relative measurement costs into the equilibrium results in aggregate excess supply of labour and excess supplies that increase with the level skill required. This implies a differential fall in the net return realized by both employers and employees by education levels, reducing the incentive of employees to acquire additional levels of education and employers to hire employees with higher levels of education". (ibid.)

In short, the screening equilibrium is distinguished from the transaction costless equilibrium by two features. Firstly, both the overall wage-skill profile and the average skill level of the community are lower in the new equilibrium. This reflects the deadweight loss imposed by costly measurement. Secondly, because measurement is costly, the supply of potential employees and the number of viable job opportunities are increasingly concentrated in the lower levels of skill. The social cost of coordinating the adaptation of higher levels of ability to the technical opportunities of society is now permanently higher. In short, the overall level of skill below the optimum and the returns to education for high ability individuals are less than under perfect competition. Both effects arise because of the costs of screening. They suggest that there is an efficiency role for policies that establish minimum education requirements.

If the minimum can be enforced costlessly, two interacting effects will be produced on the skill distributions of viable job offers and acceptances across the community. On the supply side, a higher education minimum increases the minimum level of skill held by the least able employees and permits them now to perform higher

skilled jobs. As employers come to recognize this, competition for jobs in this skill range increases and wages fall relative to those in adjacent skill groups. Individual optimizing behaviour then leads low cost skill producers to choose to acquire higher levels of education and skill. In this way minimum education requirements tend to push potential employees up the education scale.

On the demand side, the induced change in the proportions by which the levels of skill are produced does generate real social savings. The minimum education requirement reduces measurement costs for all employers requiring skill levels above the minimum. This implies that at the pre-existing wage skill profile, a large number of job opportunities now become viable and the general excess demand for labour that this creates bids upward the wage profile, particularly at the upper end of the skill distribution. As wage levels rise across skill requirements, the lowest skill level opportunities are screened from the job market at the same time that incentives to acquire skill through education are increased (ibid., p. 242). However, there are difficulties for policy makers in setting the minimum standard.

"In real world applications ... real care must be taken in establishing a minimum. The ability to produce a rise in the wage profile is not a sufficient justification for further increases in the required minimum nor is the substitution of 'high tech' for low skill level jobs necessarily desirable". (ibid., p. 243)

We now turn to a fourth approach to the measurement of human capital: from the contribution of Jacob Mincer (1974). Mincer's purpose was to estimate the human capital earnings function, i.e., the relationship between the accumulated investments in human capital and the earnings of their owners. He then uses this function to assess how much of the existing inequality in the distribution of labour incomes can be attributed to individual differences in investments in human capital. Mincer also intends to examine the intricate yet apparently stable patterns of the earnings structure (i.e., the aggregate earnings distribution and its partition into

schooling age subgroups) in terms of human capital investment behavior. (ibid., p. 128)

His earnings function first appears in the following form:

$$V_s = Y_s \cdot \sum_{t=s+1}^{n} [1 \div (1+r)]^t$$
 (2-13)

where

n = length of working life plus length of
 schooling (= length of working life for
 persons without schooling)

Y_s = annual earnings of an individual with s years of schooling

V_s = present value of an individual's lifetime earnings at start of schooling

r = discount rate

 $t = 0, 1, 2, \dots, n \text{ time, in years}$

Assuming that the discounting process is continuous, the above equation can be reduced to the following form:

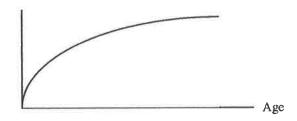
$$\ln Y_s = \ln Y_0 + r \cdot s \tag{2-14}$$

This equation means that the logarithm of earnings is a strict linear function of time spent at school. But equation (2-14) is only useful under the assumption that completion of schooling means completion of investment in human capital. This seems to be confirmed by Mincer's analysis of data in the 1960 U.S. Census, which shows that there is a weak correlation between earnings and years of schooling. He proposes that this indicates the importance of investments in human capital which occur after leaving school. In particular, he proposes that if we include experience as well as education we can estimate an accurate earnings function, where experience = current age minus age at graduation. This is a significant observation. Increasing age can be considered to lead to depreciation of human capital assets. However, Mincer suggests that as age increases so the stock of human capital assets also increases. It is also consistent with the observation that further investment is undertaken after schooling but that the amount decreases with age because the benefits decline (i.e., there is a shorter payback period) and the opportunity costs increase (i.e., the income-foregone increases). In

addition and related to the notion that increasing age is equivalent to depreciation, the costs of acquiring human capital assets also increases.

If increased income is the result of investment in human capital assets, then Mincer's model suggests that the rate of increase of income will decline with age as the rate of investment declines. This gives a curve that is concave from below, as is depicted in Figure 2-2.

Figure 2-2: Human Capital Earnings Profile
Rate of income growth



The precise shape of the profile will depends on how quickly investment declines with age (if experience is a type of investment then the curve is less concave). Mincer conceives of two possibilities. Firstly, if the earnings profiles were to decline in a linear way it implies that investment follows a parabolic path. Secondly, if it declines exponentially (that is, the negative impact of age on investment increases with age), a different investment profile is needed (such as the Gompertz curve).

Mincer uses these two alternatives to generate two possible human capital earning functions. He then expands the schooling model (= equation (2-14)) into a more complete earnings function, with the linear schooling term being augmented by a nonlinear, concave, year-of-experience term. He proposes two forms of the human capital earnings function: the logarithmic parabola (P) and the Gompertz curve (G), given by the following equations:

ln
$$E_{s,t} = \ln E_0 + r_s s + r_p k_0 t - (r_p k_0 + 2T) t^2 \leftarrow (P)$$
 (2-15)
ln $E_{s,t} = \ln E_0 + r_s s + (r_p k_0 + \beta) \cdot (1 - e^{\beta t}) \leftarrow (G)$ (2-16)
where, $E_{s,t}$ is gross annual earnings of a worker with s years
of schooling and t years of work experience; "Gross" earnings

are inclusive, "net" earnings exclusive, of investment expenditures; r_s and r_p are rates of return on schooling and post-school investments, respectively; k_0 is the ratio of investment to gross earnings at the start of work experience; β is the annual decline of this ratio; and, T is the positive net investment period.

The coefficients of these two equations may be estimated, then the predicted results are compared to observed data and further reestimation of the coefficients is undertaken.

The coefficients are

- (1) rates of return on schooling and post-school investments
- (2) the ratio of investment to gross earnings at the start of work experience
- (3) the rate of annual decline in the ratio of investment to gross earnings at the start of work experience

The results of estimation were

- (1) a positive correlation between earnings and schooling
- (2) an inconclusive correlation between earnings and experience
- (3) the rate of return on schooling increases with higher levels of schooling (but, interestingly, total earnings do not, i.e., the wage rate (per hour or per week) increases but the total annual wage does not. Perhaps well-paid people work less).
- (4) a positive correlation of schooling and post-school investment, that is, well educated people go on investing in human capital (note that this correlation is strong in money terms but not strong if we consider time, i.e., educated people spend more money on post-school education but they spend comparatively less time engaged in it).

It is possible to criticize Mincer's approach on the grounds that the relationship between age and earnings influenced more strongly by the natural process of aging than by the effects of experience and other post-schooling investments, i.e., people's productivity

initially increase with age (that is, they mature) but then decreases (that is, they get old). Similarly, earnings profiles are known to differ by occupation, sex, and colour in systematic ways that cannot be attributed to the aging phenomena. Mincer's model is only a partial explanation of the human capital earnings profile.

Regarding the income distribution, years of schooling only weakly explain income inequality. This is not surprising given that the cost and quality of schooling varies between schools and also that post-school investment might not be well correlated to schooling. Data tends to confirm this proposition because, while the link is strong for young people, it gets weaker as people get older. Mincer estimates that, overall, at least 50 per cent of aggregate earnings' inequality can be explained by the distribution of schooling and post-school investment. (ibid., p. 134)⁶

Mincer suggests there are two key areas for further research. Firstly, to incorporate other non-school investment into the earnings function (for example, pre-school parental investment) and, secondly, to further specify post-school investment. In particular, Mincer's assumption has been that experience equals age minus age at graduation. It would be better to measure experience directly and to specify the type of investment associated with experience (i.e., how much on the job training, how much formal, advanced education, and so on).

Jere Behrman (1987) takes up some of Mincer's suggestion. In particular, he attempts to incorporate non-school investment into the human capital earnings's function. He makes clear that investment in human capital is much more than just schooling:

"Parents make considerable investments in the human capital of their children, and the children themselves also make considerable investments. In many cases schooling is a major investment, but there also are considerable non-schooling investments in the children's health, nutrition, and general development. In some poor societies in which

⁶ Mincer shows that further adjustments to the data can raise the explanatory power of the model to "as much as two-thirds of the inequality of 'normal' (long run) earnings". (ibid.)

schooling is quite limited, these non-schooling investments often appear to be much more considerable in magnitude than the schooling investments". (ibid., p. 301)

Behrman considers a two-period model. In period one investments are made in a child. In period two that child has become an adult and experiences outcomes which reflect the investments in him or her made in period one. The analysis is consistent with the standard, neo-classical approach and assumes that the investments made in period one are undertaken to maximize the utility (U) of the investor from expected adult income (E) for the child in period two.

$$U = U(E, \cdots) \tag{2-17}$$

The expected adult incomes (E) are produced by schooling (S), other investment in the child (X), and endowments (G) so that:

$$E = E(S, X, G)$$
 (2-18)

Now, the objective is to maximize the utility derived from expected incomes subject to a budget constraint (Re), i.e.,

$$R^{e} = P^{s} + P^{x} + \cdots \qquad (2-19)$$

where

 P^{s} = price of schooling per unit

 P^x = price of other investments per unit

Then U is maximized when

$$E_s \div P^s = E_x \div P^x \tag{2-20}$$

where

 E_s = partial derivative of E with respect to S

 E_x = partial derivative of E with respect to X

i.e., where the ratio of marginal changes in expected incomes to prices is the same for all types of investment.

Now if we assume there is a constant elasticity of substitution (CES) production function for relation (2-18) then:

$$E = (a_{S}G^{b} + a_{S}S^{b} + a_{x}X^{b})^{1/b}$$
 (2-21)

where the elasticity of substitution between any two inputs is $\sigma = 1 + (1 - b)$.

With this production function, relation (2-20) can be rewritten as:

$$X = (P^{s} a_{x} + P^{x} a_{s})^{\sigma} S$$
 (2-22)

and we can use a simplified function to describe the production of E.

If the production function in (2-18) is the same for all children (so a_x , a_s and σ are identical across children) and the relative prices of investment is the same for all children, then this relation implies that S and X are perfectly correlated across children (no matter what G). This perfect correlation holds across all children for whom these assumptions are satisfied, whether they are in the same or different families. Relation (2-22) also holds whether the investors are children, their parents or someone else. Because of such a perfect correlation, it would be impossible empirically in this case to identify the contribution of schooling alone to the outcome (E). Moreover, if schooling alone is included as a right hand side variable for the determination of some outcome of interest (for example, earnings, fertility, health), the estimated impact of schooling is biased upward because it incorporates the impact of all human capital investments, not just schooling. This problem has been identified by Mincer and means that if we take the derivative of E with respect to S alone, the implied rate of return will overestimate the impact of schooling. To overcome this problem he argues that:

"researchers at a minimum could be sensitive to the identification problem and to this possible bias and indicate its possible effect by presenting alternative estimates (in addition to their standard estimates) with their standard schooling return estimates adjusted by the order of magnitude of the share of schooling in total human capital investments in children". (Behrman, op. cit., p. 303)

In conclusion he states that the probable importance of the identification problem and associated bias does not imply that there is over-investment in schooling, but only that standard procedures may overstate substantially the returns.

Turning now to a study more directly related to issues surrounding international comparisons S. J. Prais (1987, 1988) argues that more comparative research is needed into the outputs of the education and training systems, particularly at the level of

intermediate vocational qualifications. This is because, as we have seen, the production function is likely to differ between individuals and possibly between cultures. Then the key question is how effective is the system of schooling and vocational preparation? To answer this question Prais suggests we must examine firstly the inputs and outputs of the education system, i.e., the cost of education and the productive skills it creates. Secondly, we must consider also the distribution of education, i.e., does education go to those who can make most use of it (i.e., as was shown to be the case by Ferris and Shaw, under conditions of perfect competition, to those with ability) or is it distributed on some other basis?

Prais' approach is to conduct international comparisons to determine whether a country effectively uses its education budget to create skills at the lowest cost. He relates these comparisons to a number of key issues in the field. Firstly, can different quantities and effectiveness of investment in human capital be used as an explanation of different growth rates? As we have done in Chapter 1, following Denison's work, Prais suggests that the residual source of growth is plausibly related to education and vocational training. However, he concludes, not unreasonably, that we need further research into this issue, i.e., what education and training programs are available and do these generate skills to match industry's requirements and does this plausibly explain some of the differences in national economic performance. This parallels some of the reasoning behind my own research. It is an attempt to value human capital in different nations which uses a cost based approach to make international comparisons.

Secondly, Prais asks if human capital can be measured from observed rates of return on education? Prais cautions that there are other powerful influences at work. For example, there are egalitarian pressures that have compressed income differentials and distorted the influence of education as an investment. Further, while we expect that education levels are positively associated with innate ability, this means that observations of rates of return on education include the impact of ability and so observed rates

overestimate actual returns to education. In addition, it is a mistake to value education as investment in human capital because this is a crude measure of inputs only. It is necessary to calculate rates of return for different qualities of education, i.e., each country has a different intensity of education (including extra-curricula studies), different subjects and so on. It makes more sense to ask, for example, what is the rate of return on learning calculus not what is the rate of return on 5 years of maths training. To address these issues requires detailed research into a broad cross-section of the workforce and into schooling outputs and not simply schooling inputs. This research is essential to any cost-based, international comparisons.

The last approach to the measurement of human capital that we will consider in this chapter is the somewhat more radical approach proposed by Dale Jorgenson and Alvaro Pachon (1983). Their paper presents fully comparable measures of investment in human and non-human capital in a set of revised (so called full) national accounts which, for the first time, include imputed values for non-market (and therefore otherwise unrecorded) activities. As we shall see, these modifications alter significantly the values of private production and investment.

The authors define human capital in terms of lifetime labour incomes for all individuals in the population. The estimates of its value are based on a system of demographic accounts and the measurement of investment in non-human capital is based on economic accounts for the accumulation of investment goods. They apply these concepts to generate a new system of national accounts for the United States, covering the period 1947~73.

Focussing on the measurement of human capital, Jorgenson and Pachon establish a number of principles. Firstly, that human capital is accumulated through births, immigration and investment in education and is lost through deaths, emigration and aging. This means that human capital investments such as job-training and medical expenditure are not included as necessary and separate additions to human capital. It also raises some questions

concerning how to value the human capital of immigrants (the quality of their education will differ) and how to value newborn babies and children of less than school age. Secondly, to measure human capital and investment, we must have estimates of the annual income for individuals grouped by age, education, and, because of labour market segmentation, by gender. That is to say, this is fundamentally an income-based approach for which we need to cross reference income by gender and education. This will mean that a large database is required. The data base used in the study included the number of employed persons, hours worked and labour compensation per unit time for the United States on annual basis. cross-classified by gender. age, education, employment class, occupation and industry. Annual estimates of hours worked and labour compensation from market labour activities are derived by summing over employment classes, occupations and industries and by distributing the work force of each gender by individual years of age from 14 to 74 and by individual years of educational attainment from 1 to 18.

They assume that the time available for all market and non-market activities is constant over time and is equal to fourteen hours per day for all individuals. Annual time available for all individuals in the population is then allocated among work, schooling, household production, leisure and maintenance activities such as eating and sleeping. To estimate the lifetime labour incomes for all individuals in the US population they distinguish three stages in the life cycle: in the first stage individuals may participate in school but not in the labour market; in the second, individuals may enrol in school and also work; and, in the third stage, individuals may participate in the labour market but not in formal schooling.

For individuals in the third stage of the life cycle, total labour compensation is the sum of compensation for market labour activities after taxes and imputed compensation for non-market labour activities. For individuals in the second stage of the life cycle total labour compensation also includes imputed labour compensation for schooling. For individuals in the first stage of the life cycle labour compensation includes only the imputed value of time spent in schooling.

For an individual in the third stage of the life cycle, they assume that the expected lifetime labour income in future time periods is equal to the incomes of individuals of the same gender and education but with the age that the individual will have in the future time period, adjusted for increases in real income which is assumed to be the rate of Harrod-neutral technical change, estimated to be 2 per cent per year. The authors weight income for each future year by the probability of survival, given the initial age of the individual. Finally they discount expected future incomes at a real rate of return of 4 per cent per year to obtain the lifetime labour income of an individual of a given gender, age and education, i.e.,

$$Y_{a,e}^{g} = \sum_{i=1}^{n} Y_{a+i,e}^{g} \cdot P_{i} \cdot (1+y)^{i} \cdot [1 \div (1+r)^{i}]$$
 (2-23)

where Y = lifetime labour income of an individual with gender (g), age (a) and education (e)

P = probability of survival

y = average rate of increase in real incomes (2 per cent)

r = rate of interest (4 per cent)

For this third group of individuals the only source of human capital is immigration and the value of human capital may be simply derived from the database. Depreciation through deaths need not be separately calculated.

For an individual at the second stage of the life cycle, combining formal schooling with the possibility of participation in the labour market, Jorgenson and Pachon consider first an individual completing the last (that is, 18th) year of schooling. They estimate the imputed labour compensation for the time spent in formal schooling as equal to the difference between the lifetime labour incomes of an individual with eighteen years of education and an individual with the same gender and age and one less year of education minus tuition and other fees for that grade of schooling. Total labour compensation is equal to the value of time spent in

formal schooling plus labour compensation for market and nonmarket activities other than formal schooling. The investment in human capital for the 18th year of school is as follows:

$$= Y_{a,18}^g - Y_{a,17}^g - \text{(tuition and other fees)}$$
 (2-24)

Now, for an individual completing the 17th year of schooling, investment is as follows:

$$= Y_{a,17}^g - Y_{a,16}^g - \text{(tuition and other fees)}$$
 (2-25)

In this case

$$Y_{a,17}^g \neq \sum_{i=1}^n Y_{a+i,c}^g \cdot P_i \cdot (1+y)^i \cdot [1+(1+r)^i]$$
 (2-26)

Because the students might go on to study the 18th year.

$$Y_{a,17}^g = (Y_{a+1,17}^g + \text{expected compensation for one more year at school or at work}) \cdot P \cdot [1 \div (1+r)]$$
 (2-27)

And expected compensation for one more year of school or work is equal to

$$\begin{array}{ll} e_{p} \cdot Y_{a,18}^{g} + (1 - e_{p}) \cdot Y_{a,17}^{g} & (2-28) \\ \text{where} & e_{p} = \text{probability of enrolment in grade eighteen} \\ Y_{a,17}^{g} = Y_{a+1,17}^{g} + \left[e_{p} \cdot Y_{a,18}^{g} + (1 - e_{p}) \cdot Y_{a,17}^{g} \right] \cdot P \cdot \left[1 \div (1+r) \right] \\ & (2-29) \end{array}$$

In the same way it is possible to value the lifetime labour incomes of all students and therefore to calculate the value of investment in human capital by each.

Finally, for individuals in the first stage of the life cycle, lifetime incomes can be determined for individuals completing one year of education, two years of education, and so on, working back from higher levels of education as outlined above. For individuals too young to be enrolled in school, imputed labour compensation is zero, but lifetime labour incomes are well defined. The value of a newborn entrant into the population is equal to the expected lifetime labour income of that individual at age zero.

Adding all three stages together, investment in human capital in any year is the sum of lifetime incomes for all individuals born in that year and all immigrants plus the imputed labour compensation for formal schooling for all individuals enroled in school. Then, according to the results of their estimation, the value of investment in human capital in current prices is by far the largest part of full investment (including non-human capital), varying from 0.918 to 0.964 as a proportion of full investment during the period 1947~73. The value of investment in human capital in current prices has risen from \$864.3 billion in 1947 to \$7.5 trillion dollars in 1973, giving an average rate of growth for this period of about 8.6%. Estimates of investment in human capital are also presented in constant prices (base year 1972) giving a value in 1947 of \$4.3 trillion dollars and \$7.2 trillion dollars in 1973 and an average rate of growth of some 2.0%.⁷

Jorgenson and Pachon also provide estimates of full private national wealth as the sum of human wealth and non-human wealth for the period 1947~73 both in current prices and in constant prices. The share of human wealth in full private national wealth is almost constant at 0.96. They explain that this constancy is the result of a substantial increase in the quantity of non-human wealth relative to the quantity of human wealth and a rise in the price of human relative to that of non-human wealth. Their estimates of the value of human wealth in current prices has risen from \$18.3 trillion in 1947 to \$108.7 trillion dollars in 1973. Thus the average growth rate of human wealth is about 7.1%. In constant price terms, the average rate of growth is 1.9%.

The authors finally compare their estimates of wealth, including both human and non-human wealth, with the estimates of John W. Kendrick (Kendrick, 1976). They emphasize that the most important innovation in their approach is to define human wealth in terms of lifetime labour incomes for all individuals in the population and to incorporate the value of non-market activities into the measurement of human capital. These two innovations give rise to important differences between their estimates and

⁷ In addition, their estimate of full gross private domestic product in current prices has changed from \$1.5 trillion dollars in 1947 to \$10.7 trillion dollars in 1973. In terms of constant prices, the value of 1947 was \$5.9 trillion dollars and in 1973 it was \$10.2 trillion dollars. This gives average rates of growth of 8.0% and 2.1% respectively.

those of Kendrick. Kendrick employs costs of education, including income foregone by students, as the basis for measuring investment in education. He employs costs of rearing as the basis for measuring investment through the addition of new members of the population.

Table 2-1 shows the big difference in the estimates produced by the two approaches. Jorgenson and Pachon's estimates of the ratio of human wealth to GNP in current prices fluctuates from 71.4 times (minimum) to 84.8 times (maximum). By contrast, the same ratios by Kendrick are from 3.3 (minimum) to 3.8 times (maximum) over the period 1947~69.

Table 2-1: Private National Human Wealth

Year	dollars		Billions of 1958		Billions of		
			dollars				
	Jorgenson &	Kendrick	Jorgenson &	Kendrick	current	(1)÷(5)	(2)÷(5)
			.		dollars		
	Pachon	450.45	Pachon	(#) als	GNP		
	(1)*	(2)*	(3)*	(4)*	(5)*	(6)	(7)
1947	18,289.2	825.5		1,170.1	235.2		3.5
1948	20,059.3	908.8		1,206.3			3.5
1949	21,248.9	938.9		1,242.9		81.6	3.6
1950	22,344.9	991.3		1,280.5			
1951	23,888.9			1,322.2	14		
1952	25,107.2	1,172.6	33,465.4	1,366.9	E) 2.0		
1953	26,662.6	1,236.8	34,148.8	1,413.3	N S		
1954	28,915.1	1,294.4	34,891.9	1,460.0	372.5	77.6	3.5
1955	30,826.8	1,364.2	35,645.6	1,509.9	405.9	1	
19 5 6	33,191.5	1,462.7	36,445.9	1,565.6	428.2		
1957	36,013.6	1,576.8	37,286.0	1,623.7	451.0	79.9	3.5
1958	38,109.1	1,682.6	38,109.1	1,682.6	456.8	83.4	3.7
1959	40,497.7	1,786.9	38,943.1	1,744.7	495.8	81.7	3.6
1960	42,442.1	1,901.4	39,978.7	1,615.1	515.3	82.4	3.7
1961	45,286.1	2,012.8	40,874.7	1,888.4	533.8	84.8	3.8
1962	47,820.0	2,137.4	41,743.2	1,962.5	574.6	83.2	3.7
1963	50,177.2	2,273.0	42,591.4	2,041.9	606.9	82.7	3.7
1964	54,474.9	2,423.9	43,431.4	2,126.8	649.8	83.8	3.7
1965	57,908.3	2,594.4	44,225.7	2,218.8	705.1	82.1	3.7
1966	62,448.2	2,818.7	44,985.7	2,323.4	772.0	80.9	3.7
1967	67,204.5	3,049.7	45,710.3	2,434.0	816.4	82.3	3.7
1968	71,979.5	3,344.4	46,405.8	2,550.1	892.7	80.6	3.7
1969	78,227.2	3,699.9	47,009.7	2,674.4	963.9	81.2	3.8

Notes: Figures in column (1), (2), (3) and (4) are quoted from Jorgenson and Pachon, op. cit., p. 334. Figures in column (5) are derived from *Economic Report of the President*, 1988.

Despite its strong and consistent rationale, the method proposed by Jorgenson and Pachon has some limitations and raises some questions. For example, it is not obvious that the human capital of small children can be valued in the same way as for adults, i.e., using the probability of enrolment at every level of schooling and the probability of survival (which increases with age at first). Secondly, the authors do not explicitly consider forms of investment in human capital other than formal education. Therefore their analysis implies the same human capital production function for all students and the same efficiency for all schools, a proposition which is even less likely to hold true in international comparisons such as this study is making. Finally, the analysis assumes that education is divisible into annual amounts. This too is likely to be unrealistic. It implies, for example, that withdrawal from a four-year undergraduate course after only 3 years will have the same rate of return as completion of a 3-year undergraduate course.

In short, we may say that the technique of Jorgenson and Pachon is an attempt to provide complete measures of aggregate human capital and aggregate annual investment and it is therefore one which is at once too broad for our purposes and also implies relationships in the accumulation of human capital which are questionable. However, while it is not intended to provide individual decision rules, nor to calculate rates of return, it does provide us with an important perspective in developing a useful measurement methodology and we will rely upon modifications of it in developing our own income-based model in the following chapter.

2.4 Conclusion

As we have seen, the ways in which education and other forms of investment in human capital and incomes are correlated suggest that no one theory captures all the complexities of human capital accumulation. Whether we try to value human capital by means of the costs of the relevant investments or the benefits they produce, we find a range of conceptual and measurement difficulties. Moreover the rational decision rules provided by neo-classical

choice theory, which relate marginal costs and benefits of investments, do not generally apply to the accumulation of human capital.

The many methodological problems and the general lack of relevant data makes accurate measurement of human capital assets particularly difficult. Clearly some simplifications are needed and these should be undertaken according to the availability of data and the purpose of the research. Given that my purpose is to provide sensible estimates of human capital in two dissimilar nations, my research has the additional requirement of needing to rely on publicly available, aggregate data common to both Australia and Japan. With these considerations on mind, the next chapter develops a model for estimating human capital in Australia and Japan.

Chapter 3 Methodology

3.1 Introduction

As we have seen in Chapter 2, the measurement of human capital can be approached from a cost or income perspective. It has also become clear that the two approaches will likely lead to different results and that either result will be a less than perfect measure of human capital. Clearly, a choice must be made between two relatively unsatisfactory alternatives.

In developing my own model for estimating the value of human capital, I will use the income approach. This is primarily for two reasons. Firstly, it avoids the problem inherent in the cost approach that human capital outputs are likely to vary for a given cost of inputs, both among individuals and, more importantly here, between nations. Secondly, there is the question of data limitations. As will be shown in the next two chapters, good quality data for a sensible income based approach can be obtained for both nations on a consistent basis. In Chapter 5, when discussing the prospects for extending this work with a cost based approach, we will review the data sources that are available for a cost based approach and show them to be clearly inferior.

The approach adopted here somewhat follows Jorgenson and Pachon. It relies on data which show income levels, population, the probability of survival and the rate of unemployment by age and gender and is based on the proposition that the value of a nation's stock of human capital is equal to the expected lifetime labour income for all its people from ages 15 to 64.

However, before discussing the model itself, I will first describe the position of human capital in relation to the flow of national income and the accumulation of national wealth in some detail to show how the measurement of human capital fits within the current conceptual framework of national economic accounting.

3.2 Human capital accumulation, national wealth and income

The stock of a nation's population is the only source of human capital. Hence, measuring the value of human capital starts by evaluating changes in the level of the population. The process of general population growth can be described by equation (3-1).

 $\begin{array}{ll} P_t = P_{t-1} + (B_t - D_t) + (IM_t - EM_t) & (3-1) \\ where & P_t = population at the end of period t \\ & P_{t-1} = population at the end of period t-1 \\ & B_t = flow of births during period t \\ & D_t = flow of deaths during period t \\ & IM_t = flow of immigrants during period t \\ & EM_t = flow of emigrants during period t \end{array}$

Equation (3-1) can be transformed into the following equation (3-2), which shows that the difference between the stock of population in two periods consists of the number of children born, the number of people who die and the amount of net migration.

$$P_t - P_{t-1} = \Delta P_t = (B_t - D_t) + (IM_t - EM_t)$$
 where $\Delta P_t = \text{change in the population stock}$ (3-2)

Table 3-1 shows the historical trend population growth rate for Australia and Japan in each given period. It can be seen that Australia's average growth rates are higher than for Japan for all periods except that from 1940 to 1949. Figure 3-1 and Figure 3-2 also illustrate movements in the components of population change over the period $1873\sim1995$, where ΔP , $\Delta (B-D)$ and $\Delta (IM-EM)$ mean the change in population, the amount of natural increase and of net immigration respectively. It is clear that Australia's relatively high population growth rate has been particularly the result of the contribution of net migration and it indicates that Australia has relied relatively largely on net migration as the potential source of her human capital. By comparison, the composition of Japanese growth shows that it relied only on natural increase.

Table 3-1: Average Growth Rates of Population in Australia and Japan

Period	Australia (%)	Japan (%)	Period
1796 to 1799	7.5		
1800 to 1809	9.2		i
1810 to 1819	7.7		
1820 to 1829	11.8		
1830 to 1839	7.1		
1840 to 1849	10.4		
1850 to 1859	7.8		
1860 to 1869	11.7		
1870 to 1879	3.7	0.7	1872 to 1879
1880 to 1889	3.1	0.8	1880 to 1889
1890 to 1899	3.6	0.9	1890 to 1899
1900 to 1909	1.8	1.1	1900 to 1909
1910 to 1919	1.5	1.3	1910 to 1919
1920 to 1929	2.0	1.4	1920 to 1929
1930 to 1939	1.9	1.1	1930 to 1939
1940 to 1949	0.8	1.4	1940 to 1949
1950 to 1959	2.3	1.2	1950 to 1959
1960 to 1969	2.0	1.0	1960 to 1969
1970 to 1979	1.6	1.3	1970 to 1979
1980 to 1989	1.5	0.6	1980 to 1989
1990 to 1995	1.1	0.3	1990 to 1995
1872 to 1995	1.9	1.0	1872 to 1995
(1796 to 1995)	4.3		

Sources: Wray Vamplew(ed.), Australians: Historical Statistics, pp. 44, 50, 51 and 56. Australian Bureau of Statistics, Australian Demography, Bulletin, No. 67, 1949, pp. 150, 151, 152, 153, 165 and 167.

Australian Bureau of Statistics, Births, Australia, Various Years.

Australian Bureau of Statistics, Australian Economic Indicators, August, 1997, p. 69. Somucho Tokei Kyoku (Statistics Bureau, Management and Coordination Agency), Nihon Chokitokei Soran (Historical Statistics of Japan), Vol. 1, pp. 72-77. Somucho Tokei Kyoku (Statistics Bureau, Management and Coordination Agency), Wagakuni Jinkono Gaikan (Major Aspects of Population of Japan), Heise 5nen Kokuse Chosa (1990 Census of Japan), Henshu Kaisetu (Abridged Report Series), No. 1, pp. 146 and 147.

Somucho Tokei Kyoku (Statistics Bureau, Management and Coordination Agency), Wagakuni Jinkono Gaikan (An Overview of Population of Japan), Heise 7nen Kokuse Chosa (1995 Census of Japan), Henshu Kaisetu (Abridged Report Series), No. 1, pp. 128 and 129.

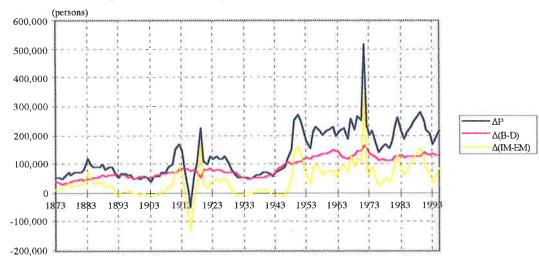


Figure 3-1: Components of Population Growth in Australia

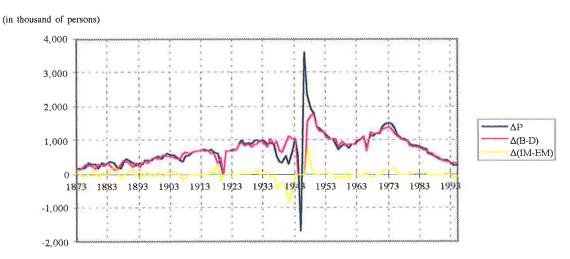
Sources: Wray Vamplew(ed.), Australians: Historical Statistics, pp. 44, 50, 51 and 56.

Australian Bureau of Statistics, Australian Demography, Bulletin, No. 67, 1949, pp. 150, 151, 152, 153, 165 and 167.

Australian Bureau of Statistics, Births, Australia, Various Years.

Australian Bureau of Statistics, Australian Economic Indicators, August, 1997, p. 69.

Figure 3-2: Components of Population Growth in Japan



Sources: Somucho Tokei Kyoku (Statistics Bureau, Management and Coordination Agency), Nihon Chokitokei Soran (Historical Statistics of Japan), Vol. 1, pp. 72-77.

Somucho Tokei Kyoku (Statistics Bureau, Management and Coordination Agency), Wagakuni Jinkono Gaikan (Major Aspects of Population of Japan), Heise 5nen Kokuse Chosa (1990 Census of Japan), Henshu Kaisetu (Abridged Report Series), No. 1, pp. 146 and 147.

Somucho Tokei Kyoku (Statistics Bureau, Management and Coordination Agency),

Somucho Tokei Kyoku (Statistics Bureau, Management and Coordination Agency) Wagakuni Jinkono Gaikan (An Overview of Population of Japan), Heise 7nen Kokuse Chosa (1995 Census of Japan), Henshu Kaisetu (Abridged Report Series), No. 1, pp. 128 and 129.

However, in measuring human capital, we are more concerned with the number of people of working age rather than of population levels as a whole. The labour force stock at the end of period t is defined as the stock of labour force at the end of previous period (t - 1) plus the change in labour between those two periods. So we can write equation (3-3).

$$\begin{array}{ll} L_t = L_{t\text{-}1} + \Delta L_t & \text{(3-3)} \\ \text{where} & L_t & = \text{labour force at the end of period t} \\ L_{t\text{-}1} & = \text{labour force at the end of period t-1} \\ \Delta L_t & = \text{change in the labour force} \end{array}$$

The following equation shows the link between the stock of population and that of labour force.

$$L_t = \mu_t \cdot P_t$$
 (3-4)
where $\mu_t = labour$ force participation rate at the end of period t (number in labour force ÷ number of labour force age)

Combining the two equations above gives us equation (3-5) which represents the change in the labour force decomposed into three factors, i.e., changes in population, changes in the participation rate and changes due to the combined effects (Jackson, 1989, pp. 54-58). This equation shows that change in the labour force is influenced by the number of new participants in the labour market and the change in the population.

$$\Delta L_{t} = \mu_{t-1} (P_{t} - P_{t-1}) + P_{t-1} (\mu_{t} - \mu_{t-1}) + (P_{t} - P_{t-1}) \cdot (\mu_{t} - \mu_{t-1})$$
(3-5)

We can also express the change in the labour force as due to changes in the participation rate, the entry of new graduates and any increases of net migration. This relation can be summarized in the following equation:

$$\begin{array}{lll} \Delta L_t = (Nl_t - WL_t) + \eta_t \; (IM_t - EM_t) & (3-6) \\ where & Nl_t &= new \; participants \; during \; period \; t \\ & WL_t &= with drawals \; during \; period \; t \\ & \eta_t &= labour \; force \; participation \; rate \; of \; net \\ & & migration \; during \; period \; t \end{array}$$

The following Table 3-2 shows the past values of male and female participation rates for Australia and Japan for some selected years. Although there has been some variability in male participation rates⁸ most change has occurred with females and we can observe that Australia has a long-term upward trend, while Japan has a downward trend. However, we also find some common features in the participation rates of both countries; in particular that the participation rates of the male labour force have been decreasing uniformly in the long-term and this trend is likely to continue in future. Increasing numbers of students enrolled in higher education will likely have a great influence on that trend. Further, we may say that, after 1990, Australia and Japan have had almost the same level of both male and female participation rates. This means that the two countries have been utilizing their labour forces at approximately the same rate.

Table 3-2: Labour Force Participation Rate

	Australia		Japan		
Year	Male	Female	Male	Female	Year
1871	1.00	0.29	0.91	0.67	1872
1881	0.97	0.28	0.90	0.67	1881
1891	0.98	0.30	0.88	0.62	1891
1901	0.98	0.31	0.86	0.59	1901
1911	0.95	0.25	0.83	0.53	1911
1921	0,94	0.24	0.81	0.49	1921
1933	0.88	0.25	0.79	0.44	1933
1947	0.88	0.25	0.86	0.50	1948
1954	0.88	0.27	0.85	0.55	1954
1961	0.86	0.29	0.85	0.54	1961
1971	0.83	0.41	0.83	0.49	1971
1981	0.77	0.44	0.80	0.48	1981
1991	0.74	0.52	0.78	0.51	1991

Note: Labour force participation rate is calculated as the ratio of labour force to the population aged 15 and over. However, Japanese ratios from 1872~1933 are based on the population aged 10 and over.

Sources: Wray Vamplew (ed.), Australians: Historical Statistics, pp. 44-56, and 147.

W. E. Norton and C. P. Aylmer, Australian Economic Statistics, 1949-50 to 1986-87: I Tables, pp. 98-99.

Australian Bureau of Statistics, The Labour Force, Australia, Various Years.

Australian Bureau of Statistics, Australian Demography, Various Years.

Somucho Tokei Kyoku (Statistics Bureau, Management and Coordination Agency),

Nihon Chokitokei Soran (Historical Statistics of Japan), Vol. 1, pp. 202-203, and 366-367.

⁸ Table 3-2, shows that values of labour force participation rates of Australian males from 1871 to 1921 were higher than after 1933. This may be because the figures of the male labour force from 1871 to 1921 include a number of workers aged less than 15. However, the same does not appear to be true for Australian females for whom the figures from 1871 to 1921 look no different, suggesting that before 1921 the female labour force aged 15 and under had not affected the labour force participation rates seriously.

Somucho Tokei Kyoku (Statistics Bureau, Management and Coordination Agency), Rodoryoku Chosa Nenpo (Annual Report on the Labour Force Survey), Various Years. Kosesho Daijinkanbo Tokei Johobu (Statistics and Information Department, Minister's Secretariat, Ministry of Health and Welfare), Jinkodotai Tokei (Vital Statistics Japan), Various Years.

Somucho Tokei Kyoku (Statistics Bureau, Management and Coordination Agency), *Jinkotokei Soran* (Population Statistics of Japan), pp. 45-46.

A nation's human capital can be made more productive through re-education, job training and health care and so on. These changes also makes the labour force more employable and, in most cases, health care, education, job search and labour training are carried out jointly by individuals (households) acting in their own interests, governments or corporations.

We are now able to make an economic sketch of the economic processes in an economy which transform stocks into flows and vice versa. One such sketch may be given in the following form:

On a gross basis, production in a country is undertaken with its stocks at the beginning of the year. In addition, current economic activity can create new assets so that end of the year stocks differ from those at the beginning.

At the beginning of the year, we can describe a country's stocks from which it is able to produce income (Y) as follows:

$$W_{t-1} = K_{t-1} + H_{t-1} + E_{t-1}$$
 (3-7)

Production and expenditure during the year can be described by the following equations.

$$Y_{t} = C_{t} + I_{t} + X_{t} - M_{t}$$
 (3-8)

$$I_{t} = S_{t} \tag{3-9}$$

So that end of the year new stocks can be expressed as:

$$W_{t} = K_{t} + H_{t} + E_{t} \tag{3-10}$$

where $W_t = \text{net national wealth at the end of period t}$

 K_t = physical capital at the end of period t

 H_t = human capital at the end of period t

 E_t = external assets at the end of period t

 $Y_t = production during period t$

I_t = investment during period t

S_t = savings during period t
 X_t = exports during period t
 M_t = imports during period t

We can also note that the total flow of investment and lending is equal to the total flow of saving and borrowing, i.e., real assets (physical capital) and human capital grow through investment and, in addition financial assets build up through lending and liabilities increase with borrowing so that:

$$I_t + \Delta F_t = S_t + \Delta D_t$$
 (3-11)
where $\Delta F_t =$ change in financial assets during period t $\Delta D_t =$ change in financial debt during period t

Finally, net national wealth accumulates through all past saving and increases with production in excess of consumption. These flow terms, combined with initial endowments provide accounting relationships for the stock variables. That is:

	•	
	$K_{t} = K_{t-1} + I_{t}$	(3-12)
	$F_{t} = F_{t-1} + \Delta F_{t}$	(3-13)
	$H_{t} = H_{t-1} + \Delta H_{t}$	(3-14)
	$D_{t} = D_{t-1} + \Delta D_{t}$	(3-15)
	$W_t = W_{t-1} + S_t$	(3-16)
Now		
	$K_t + H_t + F_t = D_t + W_t$	(3-17)

That is, the sum of physical and human capital and financial assets equals the sum of wealth and indebtedness. This can be rewritten as:

$$W_{t} = K_{t} + H_{t} + F_{t} - D_{t}$$
 (3-18)

From a national point of view, financial assets and liabilities may be held by foreigners or residents. The net result of locally acquired financial assets and locally held liabilities is the net addition to national wealth from international transactions, that is, $(F_t - D_t) = E_t$. Therefore

$$\therefore W_t = K_t + H_t + E_t \tag{3-19}$$

The above equations may be disaggregated according to the three economic sectors; households (h), corporations (c), and governments (g). From equation (3-18), we have that

$$\Delta W_t = \Delta K_t + \Delta H_t + \Delta F_t - \Delta D_t \tag{3-20}$$

where

(a)
$$\Delta W_t = \Delta W_t^c + \Delta W_t^h + \Delta W_t^g$$
 (3-21)

(b)
$$\Delta K_t = \Delta K_t^c + \Delta K_t^h + \Delta K_t^g = I_t^c + I_t^h + I_t^g$$
 (3-22)

(c) $\Delta H_t = \Delta H_t^c + \Delta H_t^h + \Delta H_t^g$ (and $H_t = H_t^h$, i.e., we assume that all human capital is owned by individuals) (3-23)

Having set it in context, we can now consider the components of ΔH_t (i.e., human capital investment) by each economic sector, for example, expenditure of education, health care and so on by households, expenditure of training, research and development and so on by corporations, expenditure of education, welfare, and so on by governments. Note that ΔH_t also should include additions to the stock of human capital due to immigration.

(d)
$$\Delta F_t = \Delta F_t^c + \Delta F_t^h + \Delta F_t^g$$
 (3-24)

(e)
$$\Delta D_t = \Delta D_t^c + \Delta D_t^h + \Delta D_t^g$$
 (3-25)

$$(f) \Delta E_t = \Delta F_t - \Delta D_t \qquad (3-26)$$

These disaggregated equations can be consolidated, with care to avoid any double counting (e.g., financial assets do not add to national wealth, they merely alter its ownership and are therefore excluded from the estimates). National wealth is then the sum of physical and human capital and net national assets.

$$W_{t} = K_{t}^{c} + K_{t}^{h} + K_{t}^{g} + H_{t}^{h} + E_{t}$$
 (3-27)

Focussing firstly on the accumulation of capital and wealth by households, we can construct the following equations.

$$W_t^h = W_{t-1}^h + Y_t^h - C_t^h$$
 (3-28)

where

Y, h = household disposable income

C_t^h = consumption (not including expenditure on education, housing and consumer durables which we usually treat as investment).

The net current balance equals the net additions to stocks (i.e., net capital balance)

$$S_t^h = Y_t^h - C_t^h ag{3-29}$$

$$\Delta K_t^h + \Delta H_t^h + \Delta F_t^h = \Delta D_t^h + S_t^h \tag{3-30}$$

$$W_t^h = K_t^h + H_t^h + F_t^h - D_t^h$$
 (3-31)

where

(a)
$$K_t^h = K_{t-1}^h + I_t^h - \alpha K_{t-1}^h + \Delta P_t^{hk}$$
 (3-32)

 α = depreciation rate for housing, consumer durables. ΔP_{t}^{hk} = capital gain or loss on real assets.

(b)
$$H_t^h = H_{t-1}^h + \Delta H_t^h$$
 (3-33)

(c)
$$F_t^h = F_{t-1}^h + \Delta F_t^h + \Delta P_t^{hf}$$
 (3-34)

 ΔP_t^{hf} = capital gain or loss on financial assets.

(d)
$$D_t^h = D_{t-1}^h + \Delta D_t^h$$
 (3-35)

Equation (3-31) may be rewritten as follows.

$$\begin{split} W_t^{\ h} &= (K_{t-1}^{\ h} + I_t^{\ h} - \alpha K_{t-1}^{\ h} + \Delta P_t^{\ hk}) + (H_{t-1}^{\ h} + \Delta H_t^{\ h}) + (F_{t-1}^{\ h} + \Delta F_t^{\ h} + \Delta P_t^{\ h}) \\ &= (D_{t-1}^{\ h} + \Delta D_t^{\ h}) \\ &= (I_t^{\ h} - \alpha K_{t-1}^{\ h} + \Delta H_t^{\ h} + \Delta F_t^{\ h}) + (\Delta P_t^{\ hk} + \Delta P_t^{\ hf}) + (K_{t-1}^{\ h} + H_{t-1}^{\ h} + K_{t-1}^{\ h}) \\ &= (S_t^{\ h} + \Delta D_t^{\ h} - \alpha K_{t-1}^{\ h}) + (\Delta P_t^{\ hk} + \Delta P_t^{\ hf}) + (K_{t-1}^{\ h} + H_{t-1}^{\ h} + F_{t-1}^{\ h}) - D_{t-1}^{\ h} - \Delta D_t^{\ h} \\ &= (S_t^{\ h} - \alpha K_{t-1}^{\ h}) + (\Delta P_t^{\ hk} + \Delta P_t^{\ hf}) + W_{t-1}^{\ h} \end{split}$$

i.e., the magnitude of $W_t^{\,h}$ depends on the value of net savings, each stock's prices and the wealth held in the previous period.

We can now describe the accumulation of capital and wealth by corporations and by governments from the same point of view as for households.

Thus the equations of corporations are as follows.

$$K_t^c + F_t^c = D_t^c + W_t^c$$
 (3-37)

$$\Delta K_{t}^{c} + \Delta H_{t}^{c} + \Delta F_{t}^{c} = \Delta D_{t}^{c} + S_{t}^{c}$$
 (3-38)

But because human capital is owned by individuals and not by firms,

$$\Delta H_t^c = 0 \tag{3-39}$$

$$W_t^c = (K_t^c + F_t^c) - D_t^c$$
 (3-40)

where (a)
$$K_t^c = K_{t-1}^c + I_t^c - \beta K_{t-1}^c + \Delta P_t^{ck}$$
 (3-41)

 β = depreciation rate

(b)
$$F_t^c = F_{t-1}^c + \Delta F_t^c + \Delta P_t^{cf}$$
 (3-42)

$$W_{t}^{c} = (S_{t}^{c} - \beta K_{t-1}^{c}) + (\Delta P_{t}^{ck} + \Delta P_{t}^{cf}) + W_{t-1}^{c}$$
 (3-43)

...

Similarly the accumulation of capital and wealth of governments can show by using the next equations.

$$K_{t}^{g} + F_{t}^{g} = D_{t}^{g} + W_{t}^{g}$$

$$\Delta K_{t}^{g} + \Delta H_{t}^{g} + \Delta F_{t}^{g} = \Delta D_{t}^{g} + S_{t}^{g}$$
(3-44)
(3-45)

$$\Delta H_t^g = 0$$
 (for the same reason as for corporations) (3-46)

$$W_t^g = (K_t^g + F_t^g) - D_t^g$$
 (3-47)

where (a)
$$K_t^g = K_{t-1}^g + I_t^g - \chi K_{t-1}^g + \Delta P_t^{gk}$$
 (3-48)

 χ = depreciation rate

(b)
$$F_t^g = F_{t-1}^g + \Delta F_t^g + \Delta P_t^{gf}$$
 (3-49)

$$W_t^g = (S_t^g - \chi K_{t-1}^g) + (\Delta P_t^{gk} + \Delta P_t^{gf}) + W_{t-1}^g$$
 (3-50)

These equations show clearly and comprehensively the structure of wealth accumulation in the national economy. However, they are less than perfectly useful because of data availability problems. In particular, no government or organization in Australia or Japan provide sufficient historical data on human capital investment by economic sectors to allow the components of the relevant equations to be estimated. Hence, to accomplish the practical measurement task for human capital, we must modify the approach to suit the availability of data. Specifically, we must abandon the idea of estimating human capital by economic sectors, and focus on estimating the consolidated value of human capital for all sectors in Australia and Japan. Further development of this approach is the objective of the next section.

3.3 A Model for the estimation of human capital

As we have made clear in Chapter 2, the measurement of the stock of human capital can be approached from a cost or income perspective. To overcome the problems associated with collecting data on the cost of investment in human capital (as described more fully in Chapter 5), the basic model which I propose uses the income approach. The income approach values the stock of human capital in terms of the increase in earnings it provides. The process

of estimation using this approach is shown in the following equations in this section.

Our basic equations rely on data which show earnings levels by age and is based on the proposition that the value of a nation's stock of human capital is equal to the expected lifetime labour income for all its people of workforce age, i.e., from 15 to 64.

Firstly, we may define the present value of the expected lifetime income for a given age group according to the equation (3-51). For those aged 15 years (P_{15}), for example, the value of lifetime labour income, V_{15} , can be defined as the sum of average incomes (Y_n) for all people as old or older, up to the age of retirement. The incomes need to be discounted by using an appropriate rate of discount, r. This gives the equation (3-51).

$$V_{15} = \{ P_{15} [Y_{15} \div (1+r)^{0}] + P_{15} [Y_{16} \div (1+r)^{1}] + \cdots + P_{15} [Y_{64} \div (1+r)^{49}] \}$$

$$= \sum_{n=15}^{64} P_{15} [Y_n \div (1+r)^{n-15}]$$
(3-51)

where

 V_{15} = the present value of the expected lifetime income of ages 15 in year t

 Y_n = mean income at age n in year t

 P_{15} = the number of persons at age 15

r = discount rate.

However it is not certain that any individual will survive up to 65. The average probability of future survival for each year is indicated by the term Z_t in equation (3-52). Furthermore we have to consider another uncertain factor which workers face through their lives in the labour force, i.e., the probability of unemployment. This term is introduced as the average probability of acquiring income (X_t) for each year (=1 - unemployment rate). Therefore the present value of the expected lifetime income of ages 15 (PV_{15}) can be described by equation (3-52).

$$PV_{15} = \{ (P_{15} \cdot Z_{15}) [(Y_{15} \cdot X_{15}) + (1+r)^{0}] + (P_{15} \cdot Z_{15\sim16}) [(Y_{16} \cdot X_{16}) + (1+r)^{1}] + \cdots + (P_{15} \cdot Z_{15\sim64}) [(Y_{64} \cdot X_{64}) + (1+r)^{49}] \}$$

$$= \sum_{n=15}^{64} (P_{15} \cdot Z_{15\sim n}) [(Y_{n} \cdot X_{t}) + (1+r)^{n-15}]$$
(3-52)

where

 PV_{15} = the present value of the expected lifetime income of ages 15 including Z_t and X_t in year t

 Z_t = mean probability of survival from ages n to ages n + i in period t (i = 0, · · · , 49)

X_t = mean probability of earning income from ages n to ages n+1 in year t

There are many data restrictions on the use if this equation, some of which require modifications to it. In particular, it is difficult to acquire annual data on earnings and unemployment rate for every age and by gender. Consequently we need some modifications allowing for the fact that earnings and unemployment data are available only in age groups of 5 years. These problems suggest two changes to the basic model. One is to modify equation (3-52), i.e., for a person aged 15 who belongs to the age group 15~19, for example, we can make the following equation (3-53).

$$PV_{15} = \{ (P_{15} \cdot Z_{15\sim19}) [(5 \cdot Y_{15\sim19} \cdot X_{15\sim19}) \div (1+r)^{0}] + (P_{15} \cdot Z_{15\sim24}) [(5 \cdot Y_{20\sim24} \cdot X_{20\sim24}) \div (1+r)^{5}] + \cdots + (P_{15} \cdot Z_{15\sim64}) [(5 \cdot Y_{60\sim64} \cdot X_{60\sim64}) \div (1+r)^{45}] \}$$
(3-53)

The same modifications should be made to other age groups. For example, each equation for a person aged 16, 17, 18, and 19 becomes:

$$\begin{array}{lll} PV_{16} &= \{ (P_{16} \cdot Z_{16 \sim 19})[(4 \cdot Y_{15 \sim 19} \cdot X_{15 \sim 19}) \div (1+r)^{0}] \\ &\quad + (P_{16} \cdot Z_{16 \sim 24})[(5 \cdot Y_{20 \sim 24} \cdot X_{20 \sim 24}) \div (1+r)^{4}] + \cdots \\ &\quad + (P_{16} \cdot Z_{16 \sim 64})[(5 \cdot Y_{60 \sim 64} \cdot X_{60 \sim 64}) \div (1+r)^{44}] \} \\ PV_{17} &= \{ (P_{17} \cdot Z_{17 \sim 19})[(3 \cdot Y_{15 \sim 19} \cdot X_{15 \sim 19}) \div (1+r)^{0}] \\ &\quad + (P_{17} \cdot Z_{17 \sim 24})[(5 \cdot Y_{20 \sim 24} \cdot X_{20 \sim 24}) \div (1+r)^{3}] + \cdots \\ &\quad + (P_{17} \cdot Z_{17 \sim 64})[(5 \cdot Y_{60 \sim 64} \cdot X_{60 \sim 64}) \div (1+r)^{43}] \} \\ \end{array} \qquad \begin{array}{l} (3 - 55) \end{array}$$

$$PV_{18} &= \{ (P_{18} \cdot Z_{18 \sim 19})[(2 \cdot Y_{15 \sim 19} \cdot X_{15 \sim 19}) \div (1+r)^{0}] \\ &\quad + (P_{18} \cdot Z_{18 \sim 24})[(5 \cdot Y_{20 \sim 24} \cdot X_{20 \sim 24}) \div (1+r)^{2}] + \cdots \\ &\quad + (P_{18} \cdot Z_{18 \sim 64})[(5 \cdot Y_{60 \sim 64} \cdot X_{60 \sim 64}) \div (1+r)^{42}] \} \\ \end{array} \qquad \begin{array}{l} (3 - 56) \end{array}$$

$$PV_{19} &= \{ (P_{19} \cdot Z_{19})[(Y_{15 \sim 19} \cdot X_{15 \sim 19}) \div (1+r)^{0}] \\ &\quad + (P_{19} \cdot Z_{19 \sim 24})[(5 \cdot Y_{20 \sim 24} \cdot X_{20 \sim 24}) \div (1+r)^{1}] + \cdots \\ &\quad + (P_{19} \cdot Z_{19 \sim 64})[(5 \cdot Y_{20 \sim 24} \cdot X_{20 \sim 24}) \div (1+r)^{1}] + \cdots \\ &\quad + (P_{19} \cdot Z_{19 \sim 64})[(5 \cdot Y_{60 \sim 64} \cdot X_{60 \sim 64}) \div (1+r)^{41}] \} \end{array} \qquad (3 - 57) \end{array}$$

The second change required is to estimate the annual value of earnings. In this case there are two possibilities. One is to build an econometric model and then estimate each value using this model. For example, we may consider the following model for estimating the annual value of earnings by age and gender:

$$\begin{array}{lll} Y_{ij} = a_{ij} + b_{ij}t + c_{ij}Y_A & (3-58) \\ where & Y_{ij} &= mean \ earnings \ of \ group \ age \ i \ and \ sex \ j \\ Y_A &= mean \ earnings \ of \ all \ workers \\ i &= age \ group, 15\sim19 \ (i=1), 20\sim24 \ (i=2), \cdots, \\ 60\sim64 \ (i=9) \\ j &= male \ (j=0) \ or \ female \ (j=1) \\ t &= dummy \ variable \ for \ time \ trend \\ a_{ij}, \ b_{ij} \ and, \ c_{ij} \ are \ parameters. \end{array}$$

Let n_{ij} and n be the number of workers in group age i and sex j and the total number of workers respectively, then by definition:

$$\sum_{i} \sum_{j} n_{ij} = n$$

$$\sum_{i} \sum_{j} n_{ij} Y_{ij} = \sum_{i} \sum_{j} n_{ij} (a_{ij} + b_{ij}t + c_{ij}Y_{A}) = n Y_{A}$$
or
$$(\sum_{i} \sum_{i} n_{ij} a_{ij}) + (\sum_{i} \sum_{i} n_{ii} b_{ij}) + (\sum_{i} \sum_{j} n_{ij} c_{ij})Y_{A} = n Y_{A}$$
(3-60)

This suggests that $(\sum_{i} \sum_{j} n_{ij} c_{ij}) Y_A = n Y_A$, then

$$\sum_{i} \sum_{j} w_{ij} c_{ij} = 1$$
, where $w_{ij} = n_{ij} + n$ (3-61)

$$\sum_{i} \sum_{j} n_{ij} a_{ij} = \sum_{i} \sum_{j} n_{ij} b_{ij} = 0$$
 (3-62)

For the estimates of the parameters of (3-58) for all groups to be consistent with conditions (3-59) and (3-60), equation (3-58) for all groups should be estimated simultaneously by (3-61) and (3-62). However, this approach is somewhat flawed. In particular, it involves an association of Y_{ij} and Y_{A} which is essentially arbitrary.

Hence, the second possible approach to the data problem needs to be considered. It is to proceed from the assumption that the value of earnings or the unemployment or mortality rate for each person in a given age group will be the same. Under this assumption we can utilize the compound rate of growth between age groups or different years to make the missing estimates. This method is described in more detail in the following chapter where it is used

extensively, initially to estimate population data and subsequently to create other converted data. I will leave a detailed exposition of the approach until then when it can be illustrated directly.

Returning now to the model itself, in principle, values for the elements of equation (3-52) can be obtained for Australia and Japan and collecting this data has been an important part of my research program. I also intend to extend this basic model to take account of the effect of net immigration. This will require data giving the age distribution of immigrants and emigrants.

The approach I am proposing has some obvious advantages in terms of measurement but it also has some disadvantages. In particular it relies heavily on there being unchanging values for future income levels classified by age, i.e., it assumes that say, 20 year olds today will have the same average incomes at age 40 as 40 year olds today. To improve on this situation, I have further assumed that the earnings of each age group grow at a constant rate (= g). Then a 20-year old, for example, will have $(1+g)^{20} \times example$ and example of a 40 year old today, where g is the projected average rate of growth of earnings.

Another weakness in my model is that its basic equation tell us little about human capital investment decisions, i.e., it does not imply that the value of human capital is determined by investment in education or training, it might be primarily on innate ability. However, this problem is most relevant to other objectives. Here, the purpose is to provide national estimates and to relate these to the aggregate process of economic development.

As to data sources, almost all the data I have used to make my estimates are drawn from Australian and Japanese governments. In the case of Japan, population and mortality data are available or can be calculated for most of the 20th century. However, the data on earnings by age are available only after 1958 and this limits the possible estimates. In addition, earnings and mortality data are only available in dissimilar age groups and, unemployment data based on census are available at 5 yearly

intervals after 1950. Nonetheless, by combining these we try to obtain annual estimates for a period 1947 to 1995.

The situation in Australia is a little different. Population and mortality data are readily available for most of the 20th century. However, unemployment data have been collected only after 1966 and earnings' data are available on a continuous basis only after 1975. Again, these data limitations reduce the length of the time series of estimates that we can create but, again, I have tried to acquire annual estimates by age and gender for the period 1947 to 95.

There are many more details pertaining to the data and these are the subject of the next chapter.

3.4 Conclusion

The current, widely accepted measures of economic activity are incomplete. In particular, they provide only a limited picture of the economy because they focus primarily on flow variables and tell us little about the contribution of stock variables, especially human resources, to economic growth. To the extent that stocks are included, primarily stocks of physical and reproducible capital are included.

My work aims to highlight the role of human capital often overlooked in the study of economic development and industrialization which focuses almost exclusively on physical capital. As shown in this chapter, my approach treats investment to increase the value of human beings in the same way as investment to increase the value of the physical stock.

However, our examination of the conceptual and methodological issues in Chapter 2 made clear that human capital assets have a number of peculiar characteristics and that conceiving accurately of investment in human capital is associated with a number of

difficulties. Nonetheless, I have proposed a basic equation as a simplification of what is a very complex phenomenon.

This study looks only at Australia and Japan and provides matching estimates. However, the simplified equation may also be applied to many other countries, especially in Asia where governments also collect the data that we need for the estimation. This could make for interesting extensions of my approach.

Chapter 4 The data sources of estimation

4.1 Introduction

In this chapter I will explain the data sources in Australia and Japan which I that we have used in making my estimations. These are largely Australian and Japanese government sources. In this section we deal briefly with the issue of the starting time of both countries' economic statistics. This will establish the time scale for my estimates. Then, in the following sections, we examine the basic data on population and other vital demographic statistics in Australia and Japan. We also look to the more detailed economic data on the labour force, GDP and other macro economic values that are necessary to the estimation methodology that has been chosen.

We can begin with a broad overview of the statistical collections in Australia and Japan. Beginning with Australia, George Palmer has noted that:

"In the period from 1788 to the granting of responsible government to each State in the 1850s (Western Australia, 1890, is the exception) the form of government in each Australian State was that of a Crown Colony in which the Governor, advised by a Legislative Council, was responsible for local administration under direct instructions from the Colonial Office in London. For the information of the Colonial Office annual returns (Blue Books) were prepared. Though intended provide guidance primarily to administrators, the Blue Books had the incidental important function of supplying information of a general statistical nature.

In the same period Censuses of population were instituted in Australia. Though simple population enumeration, known as 'musters', were frequently carried out from 1788 onwards, it was not until November, 1828, that the first actual Census was conducted, in New South Wales". (Palmer, 1966, p. 2)

After that, the economic statistics of Australia have been developed in terms both of new statistical series being published and of improvements to existing statistics, in particular, after the end of World War II.

By contrast, the statistical development in Japan after the Meiji era can be divided into five stages; from 1871 to 1880, from 1881 to 1900 (the establishment of the Statistics Agency), from 1901 to 1941 (the establishment of the Central Statistical Committee), from 1942 to 1945 (a period of statistical lacuna) and from 1946 to the 1990s. According to Somucho Tokei Kyoku (the Statistics Bureau Management and Coordination Agency):

"The first stage began in 1871 when offices in charge of statistical matters were organized both in the Dajokan (the Cabinet) and in the Ministry of Finance, immediately after the commencement of Japan's modernization following the Meiji Restoration (1868). At first, the two offices worked together in dealing with all the statistics covering land, population, products, public finance, foreign trade and other governmental statistics. But by a reorganization executed in 1976 of their division of duties, the statistics under the jurisdiction of the Ministry of Finance were limited to those on public finance and foreign trade, and the Statistics Section of the Cabinet was to be responsible for all other statistics. However, the duty of the latter office was not to engage itself in actual survey-taking, but to collect as broadly as possible statistics surveyed by other ministries and to compile overall statistical publications. In those days, most of the statistics prepared by the Ministries were obtained from tabular surveys which were based on the reports submitted by cities, towns and villages as to the tabulated results of figures kept on their administrative records. Among the surveys started in this period, the important ones were the Survey of Products taken from September 1870, the Survey on Permanent Domicile Population taken as of January 29, 1872 in accordance with the Family Register Law put into force in April of the preceding year and the National Land Survey conducted according to the Revised Regulation on Land Tax of July 1873". (Somucho Tokei Kyoku, 1987, p. 8)

During the five stages, the statistical system in Japan has been developed not only a qualitatively but there has also been a quantitative explosion.

4.2 The data sources of Australia: population and vital statistics

The first separate censuses in Australia were conducted in New South Wales in 1828, Tasmania in 1841, South Australia in 1844, Victoria in 1854, Western Australia in 1848 and Queensland in 1861. However, as we have seen, population and mortality data for the nation as a whole are readily available only for most of the 20th century. These data are collected in compulsory census held five yearly. As one writer has put it:

Under Section 51 of the Commonwealth of Australia Constitution, the Parliament of Australia is empowered to 'make laws for the peace, order, and good government of the Commonwealth' with respect to, among other things, 'census and statistics'. ... The main information gained by, or derived from, a census may be classified under two basic headings: Demographic; and social and economic.

(1) Demographic

- (a) Number of people and distribution by area
- (b) Sex, age, and marital status
- (c) Birth rates (with separate recording of annual flow of births)

⁹ A Census and Statistics Act was passed in 1905 and provided that a census of population be taken in 1911 and every tenth year thereafter, but in 1930 the Act was amended to permit the taking of a census at other times and in 1977 a further amendment prescribed that a census be carried out every five years starting in 1981. Before 1911, censuses had been carried out in the various colonies, but not simultaneously until 3 April 1881, so that this date is the earliest date for which we have a count of the population as a whole; subsequently, simultaneous censuses were held in 1891 and 1901, so the 1911 census simply continued, albeit on a more formal basis, the established practice.

- (d) Death rates (with separate recording of annual flow of deaths)
- (e) Life Tables (computed from death rates)
- (2) Social and economic
 - (a) Education
 - (b) Duration of marriage
 - (c) Number of children
 - (d) Occupation and employment status
 - (e) Income
 - (f) Religion
 - (g) Nationality
 - (h) Place of birth
 - (I) Length of residence in Australia (Jackson, 1989, pp. 39-40)

According to another author in the field:

"The census of population and dwellings is by far the largest single statistical collection undertaken. Not only is the census the most important source of population statistics, but also it provides a large volume of information on such matters as work force characteristics of the population and numbers and types of dwellings". (Palmer, op. cit., p. 39)

To paraphrase further, census information is obtained on a *de facto* basis by householders filling in schedules left with them by a census collector. This is the so-called 'householder' method. The term *de facto* means that the information obtained relates to each person actually staying at a particular address (or other location), on a given night. It differs from a *de jure* method of enumeration that would associate persons with the dwellings in which they usually reside. (ibid., p. 40)

However, there are some limitations with the census statistics.

"Deficiencies in the census statistics may arise either through failure to contact every dwelling and every person, or through the householder failing to provide accurate information. Other limitations are in some cases bound up with the statistics not measuring satisfactorily some underlying concept, for example, unemployment". (ibid., p. 45)

Estimates of population between censuses are made at the end of each three-month period. The estimates are determined by adding natural increases plus net migration, measured from the previous census date, to the census population. Natural increase (i.e., the excess of births over deaths) is calculated on the basis of compulsory system of registration. Net migration estimates are derived from comprehensive records of overseas arrivals and departures.

However, many of the ratios in which we are interested (e.g., GDP per capita) require not the population at a certain date but the mean population for the calendar year or some other selected time frame and where this is necessary, estimates are made.¹⁰

In Australia the compulsory registration of births, deaths and marriages enables statistics dealing with these matters to be compiled. Because the administration of the relevant legislation is the responsibility of a Registrar-General in each State, there are some differences between States in the registration procedures employed. These demographic data may be described as follows:

"The statistics published in the bulletin *Demography* and in *Causes of Death*, based on registrations, are very extensive and in some cases involve detailed cross-classifications by several characteristics....

The following list is by no means exhaustive but serves to indicate the range of information that is provided.

that progresses smoothly through the five values a, b, c, d and e.

Theoretically, the mean population should be obtained by considering the population at each instant of time over the year. In practice only quarterly estimates are usually available and these have to be employed to give an approximation to the true average value for the year. In Australia the mean population is calculated by the formula: mean population =(a + 4b + 2c + 4d + e) + 12

where a is the population at the end of the quarter immediately preceding the twelve month period, and b, c, d and e are the populations at the end of each of the four succeeding quarters.

This formula provides a close approximation to the mean of a population

- (A) Marriages: average age of bridegrooms and brides.
- (B) Marriages: conjugal condition of bridegroom and bride Classified by State.
- (c) Marriages in each religious denomination classified by State.
- (d) Marriages: relative ages of bridegrooms and brides.
- (e) Marriages: birthplaces of bridegrooms and brides.
- (f) Marriages: occupation of bridegrooms.
- (g) Live births: crude birth rates classified by State.
- (h) Ex-nuptial live births: number classified by State
- (i) Live births and confinements: age of mother.
- (j) Confinements: age of parents.
- (k) Nuptial confinements: age, duration of marriage and Previous issue of mother.
- (1) Nuptial confinements: occupation of father.
- (m) Deaths: crude death rates classified by State.
- (n) Deaths at single ages.
- (o) Deaths classified by cause for each age group.
- (p) Infant mortality rates classified by State.
- (q) Deaths in each month of children under one year of age classified by Statistical Division.(Palmer, op. cit., pp. 58-59)

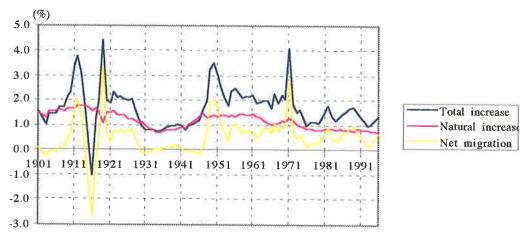
To employ these statistics in the estimation model previously described, we need to start with population levels by age and gender. In Australia in the years of 1941, 1945, and 1947 the statistics on population by age and gender groups may be obtained from Australian Demography, Bulletin, produced by the Australian Bureau of Statistics (ABS) and, after 1949, we can utilize the annual statistics on population by age and gender from the publication, Estimated Resident Population by Sex and Age, States and Territories of Australia also provided by the ABS. The level of the population in 1948 can be estimated using the geometric mean of the values of population in 1947 and 1949 by age and gender groups. The results are shown in Table B-1 and Table B-2 of Statistical Appendix B as red coloured figures. Concerning data on population prior to 1940, we can obtain figures by five-year age and gender groups at 10 yearly intervals such from 1861 (i.e.,

1870~1871, 1881, 1891 and 1901). These are compiled in Vamplew (1987). After 1921, annual data on population by five-year age and gender groups are also obtainable from *Australian Demography*, *Bulletin*, provided by the ABS.

Of course, population growth comprises natural increase (births minus deaths) and net migration (immigration minus emigration). When we review the contribution of each of these components to Australia's population growth (Figure 4-1 below), we see that fluctuations in the migration rate were the major factor in the variations in the rate of total increase. It can be reasoned that a large range of factors affect the rate of migration, e.g., economic conditions, government policy and the conditions in countries from which the migrants come. Hence, in broad terms, immigration rates have been high in times of prosperity, such as the early 1920s and the early 1950s, and have fallen in times of depression, such as the 1930s, and in times of war, as in the early 1940s.

Variations in the rate of natural increase are brought about by changes in the birth or death rate. The crude birth rate is a measure of the number of children born each year in proportion to the total population. It also depends on many factors, such as economic conditions, the number of women in the childbearing age groups, the rate of marriage and the willingness of couples to have children. The death rate is more stable and has fallen to less than 8 per thousand in Australia. Future variations in death rates are likely to be no more than marginal.

Figure 4-1: Australian Population Growth and Components of Growth, 1901~96



Sources: Wray Vamplew(ed.), Australians: Historical Statistics, pp. 44, 50, 51 and 56.
Australian Bureau of Statistics, Australian Demography, Bulletin, No. 67, 1949, pp. 150, 151, 152, 153, 165 and 167.
Australian Bureau of Statistics, Births, Australia, Various Years.
Australian Bureau of Statistics, Australian Economic Indicators, August 1997, p. 69.

To make our estimates of human capital, we also require data on mortality rates classified by age and gender groups. These are available from the *Census of the Commonwealth of Australia*, and the *Australian Demography, Bulletin*, provided by the ABS for the following years: 1881~1890, 1891~1900, 1901~1910, 1920~1922, 1932~1934, 1946~1948, 1953~1955, 1960~1962, 1965~1967, 1970~1972, 1975~1977. After 1978, yearly data are obtainable from *Australian Demography, Bulletin*, and *Deaths, Australia*. Annual data on deaths by age groups and gender groups are available from 1901 and, after 1967, data on deaths classified by more detailed five-year age group are obtainable from *Deaths, Australia* provided by the ABS.

To obtain annual data on death by age for each of the earlier years, we can combine the annual and five yearly data from before and after 1978 respectively. Firstly, we assume that the actual mortality rate for 1946~48, 1953~1955, 1960~1962, 1965~1967, 1970~1972, 1975~1977, corresponds to the middle year of each of those periods. Next, we compute the geometric mean of changes in the mortality rate between each middle year, e.g., the geometric mean between 1947 and 1954. This process is continued for every age group and for other middle years. In

addition, we also assume that this computed growth rate can be applied to all people of the same age in each year between these middle years, i.e., if the growth rate from 1947 to 1954 is r, then the likelihood of death for a person aged 15 in 1948 can be written as follows:

The likelihood of death of a person aged 15 in 1948

= The likelihood of death of a person aged 15 in 1947

× (1+r)

Using this method, we can acquire annual mortality rates from 1947. Finally, we can convert these values to mean probabilities of survival, that is, 1 - mortality rate, for those aged from 15 to 64 years. The results of these calculations are shown in Tables B-3 and B-4 of Appendix B and the red coloured figures indicate estimated values. Using these mean probabilities of survival, we calculate the future mean probability of survival of any person. For example, the future mean probability of survival of a person aged 15 in year t can be computed by the following process:

Mean probability of survival of a person aged 15 in year t

Age	15	16	17	18	 64
Mean probability of survival	P ₁₅	P ₁₆	P ₁₇	P ₁₈	 P ₆₄

Therefore the future mean probability of survival of aged 15 becomes.

Decomes,	T					T
Age	15	16	17	18	*** *	64
Future mean probability of	P ₁₅	(P_{15})	(P_{15})	(P_{15})	2.0	(P_{15})
survival		×	×	×	:€	×
		(P_{16})	(P_{16})	(P ₁₆)	5*6	(P_{16})
			×	×		×
			(P ₁₇)	(P ₁₇)		
				×		500
				(P_{18})		(P_{64})

The results of these calculations by gender are shown in Table B-5 and Table B-6 of Appendix B. However, because showing all the results of this calculation for every age would take too much

space, the Tables are abbreviated to show only the probability of survival for selected ages.

4.3 The data sources of Australia: labour force, wage, GDP, and interest

We now turn from basic population data to the economic values which are needed for my estimates. We begin with data on the size and income of the labour force and then look at the GDP and interest rate data and data sources.

The population census provides the basic source of information concerning employment in Australia. However, the census unemployment statistics are not entirely satisfactory. A more precise measurement of unemployment would require putting a more detailed set of questions on this subject than it would be practical to include in a general-purpose population census. Partly in response, the ABS has been conducting monthly surveys of this kind, as is described below.

"The principal source of statistics on the civilian labour force is the ABS population survey, which consists of the monthly *Labour Force Survey* and attached supplementary surveys. The *Labour Force Survey* collects information on the labour force status of individuals (that is, whether they are employed, unemployed or not in the labour force) together with a range of demographic and other characteristics. It also provides the basis for analysis of unemployment and labour underutilisation". (The ABS, 1992, p. 165)

The ABS also provides a brief historical overview of labour force data in Australia:

"The concept of the labour force has been viewed from a number of different perspectives. ... The earliest approaches, developed at the turn of the century, were based on the 'gainful worker' concept in which a person's labour force status was described in terms of whether or not their usual activity constituted what might be

considered gainful work. Gainful work was broadly defined as work in an occupation from which a person may expect to gain some remuneration. Thus, only persons in a gainful occupation were considered to be in the labour force and persons who wanted but had not yet obtained gainful employment were excluded.

The economic downturn of the 1930s focused attention on the need for a statistical framework that allowed the measurement of unemployment and provided a distinction between the employed and the unemployed in the definition of the labour force. Out of this evolved the labour force framework, which was adopted by the International Labour Organization (ILO) at its 1954 Conference of Labour Statisticians and has been used as an international standard since then". (ibid.)

According to the Commonwealth Statistician,

"The ABS defines employed persons as persons aged 15 years and over who, during the survey week:

- (1) worked for one hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (including employees, employers and self-employed persons; or,
- (2) worked for one hour or more without pay in a family business or on a farm (i.e., unpaid family helpers); or
- (3) were employees who had a job but were not at work and were: on paid leave; on leave without pay for less than four weeks up to the end of the survey week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks up to the end of the survey week; on strike or locked out; on workers' compensation and expected to be returning to their job; receiving wages or salary while undertaking full-time study; or
- (4) were employers or self-employed persons who had a job, business or farm, but were not at work. (Castles, 1986, p. 1)

The ABS defines unemployed persons as follows:

"Unemployed persons are those aged 15 and over who were not employed during the survey week, and

- (1) had actively looked for full-time or part-time work at any time in the four weeks up to the end of the survey week and:
 - (a) were available for work in the survey week, or would have been available except for temporary illness (i.e., lasting for less than four weeks to the end of the survey week); or
 - (b) were waiting to start a new job within four weeks from the end of the survey week and would have started in the survey week if the job had been available then; or,
- (2) were waiting to be called back to a full-time or parttime job from which they had been stood down without pay for less than four weeks up to the end of the survey week (including the whole of the survey week) for reasons other than bad weather or plant breakdown". (ibid., pp. 1-2)

Labour force data in Australia are available in age brackets beginning with ages 15 to 19 and ending with ages 65 and over and they are also obtainable separately for women and men in the ABS publication, *The Labour Force, Australia*. The ABS has provided a time series of data on the labour force based on the above definition since 1966. Prior to 1965 a different approach to the measurement of unemployment and employment was used in Australia. These resulted in four sets of unemployment statistics being published:

- (1) those derived from the five-yearly population Censuses,
- (2) the quarterly population sample survey, conducted by the Commonwealth Bureau of Census and Statistics (CBCS),
- (3) the monthly registered unemployment figures compiled by the Department of Labour,
- (4) the monthly statistics of persons receiving Unemployment Benefit compiled by the Department of Social Security. (Hancock et al, 1975, p. 501)

Because of differences in definition and method of measurement between these collections, strict comparability is not possible and a choice between them is necessary. I have chosen to use census data consistently, despite that it does not give annual data prior to 1965. While the Census population survey is not entirely free of inaccuracies (e.g., the Census does not include inactive unemployment, it is based on self-enumeration of the whole population, it is conducted on a particular day, etc.), it is at least designed to provide comprehensive measures of unemployment.

The time series of labour force, including unemployment, derived from the Censuses are summarized in Tables B-7 to B-16 of Statistical Appendix B. Table B-7 and Table B-12 show the historical trends in the male and female labour force respectively; Table B-8 and Table B-13 show the numbers of males and females who are not part of the labour force; Table B-9 and Table B-14 show the number of unemployed persons by gender, and Table B-10 and Table B-15 show the rate of male unemployment and female unemployment respectively, calculated from Censuses of population taken in 1911, 21, 33, 47, 54, and 61; Table B-11 and Table B-16 indicate the rate of unemployment by gender from 1966 to 1995.

We can estimate the annual, age-specific unemployment rate separately for women and men from 1947 to 1965 by employing a method of estimation basically the same as that used previously to estimate the future probability of survival, i.e., while our period of estimation starts in 1947, detailed time series data are available from 1966. Hence, we must use data from the Censuses of 1947, 54, and 61 and assume that the actual rate of unemployment for each age group corresponds to the middle age of each age group (e.g., the unemployment rate for the cohort aged 15 to 19 corresponds to the group aged 17). Then we can construct the table below (explanation to follow).

			Ta	ble	(ex	am	ıple	e): l	Jne	m	olo	yı	ne	en	t K	<u> a</u>	te	=					
								Age															
Year	15	16	17	18	19	20	21	22	23	24	8	.8.	9.	27	3	ý			60	61		63	64
1947			U ₄₇					V ₄₇						W_4	7						Z_{47}		
381			•					*						15							•		
399			. 1					24															
0960	į.				rt.					i i							•						
1954			U_{54}		V_{54}					W_{54}							\mathbb{Z}_{54}						
508	1							26															
198	1				*					S#31													
100					32					5 * 3													
1961	1		U_{61}		V_{61}				W_{61}							Z_{61}							
- 12			•		<u> </u>					(Tac)							•						
•11	1) [V . €9							•						
**	ł				1- # 200					•							•						
1966			U_{66}					V_{66}						W_6	iri.						Z_{66}		
\$2	1							69						5									
27	1							39						+:									
- 8								(4)						¥()									
1995	1		U_{95}					V_{95}						W	95						Z_{95}		

Firstly, we compute the geometric mean by yearly age in 1947, 54, 61, and every year after 1966. For example, in 1947 we take the geometric means of U_{47} and V_{47} , V_{47} and W_{47} , and so on. If the rate of growth of unemployment between two age groups (for example, U_{47} and V_{47}) in 1947 is r, we estimate the unemployment rate of those aged 18 in 1947 by using the following equation:

the unemployment rate of those aged $18 = U_{47} (1 + r) = U'_{47}$ Similarly, the unemployment rate of those aged 19 becomes:

$$= U'_{47} (1 + r) = U''_{47}$$

Applying the rate of r to those aged 18, 19, 20, and 21, we acquire the estimated unemployment rate for them in 1947.

For those aged 15 and 16, we estimate the unemployment rate as follows:

the unemployment rate of aged $16 = U_{47} \div (1+r) = U^*_{47}$ the unemployment rate of aged $15 = U^*_{47} \div (1+r) = U^{**}_{47}$

In addition, for those aged 63 and 64, if the rate of growth between those aged 57 and aged 62 in 1947 is r', the estimated unemployment rate for people aged 63 and 64 in 1947 becomes:

the unemployment rate of aged $63 = Z_{47} (1 + r') = Z'_{47}$

the unemployment rate of aged $64 = Z'_{47} (1 + r') = Z''_{47}$

We repeat the same procedure to obtain data for other age cohorts.

Having obtained data by yearly age, we must also construct data for each year between 1947 to 1966. The method is to take the geometric mean of two years (e.g., of U_{47} and U_{54}) and apply this rate of growth to estimate the unemployment rate for 17-year-olds in every year for the period 1947 to 54. We repeat this same procedure for the years 1954 to 61 and 1961 to 66.

The result of these procedures is to give us a time series of data on the unemployment rate by age and gender from 1947 to 1995. Table B-17 and Table B-18 in Statistical Appendix B display the final results. By employing the data from Table B-17 and Table B-18, we can estimate the mean probability of earning income, as equal to (1 - unemployment rate).

We turn now the issue of Australian wage rates. The ABS has provided weekly data on earnings of full-time workers in five-year age groups (beginning with ages 15 to 19 and ending with ages 65 and over) and in gender groups on an annual basis since 1975 (in *Weekly Earnings of Employees, Australia*). These record two types of weekly earnings: one is a mean weekly earnings and the other one is a median weekly earnings. The ABS defines weekly earnings, weekly ordinary time earnings, weekly overtime earnings, and weekly total earnings as follows:

"Weekly earnings are defined as the amount of 'last total pay' (i.e., before taxation and other deductions have been made) prior to interview. For persons paid other than weekly, earnings were converted to a weekly equivalent. No adjustment was made for any back payment of wage increases or pre-payment of leave etc.

Weekly ordinary time earnings are defined as one week's earnings of employees for the reference period attributable

to award¹¹ standard or agreed hours of work, calculated before taxation and any other deductions superanuation, board and lodging) have been made. Included in ordinary time earnings are award payments, base rates of pay, overaward payments, penalty payments, shift and other allowances; commissions and retainers: bonuses and similar payments related to the reference period; payments under incentive or piecework; payments under profit-sharing schemes normally paid each pay period; payments for leave taken during the reference period; all workers' compensation payments made through the payroll; and salary payments made to directors. Excluded are overtime payments, retrospective pay, pay in advance, leave loadings, severance, termination redundancy payments and other payments not related to the reference period. Weekly overtime earnings define as payment for hours in excess of award, standard or agreed hours of work and weekly total earnings define as weekly ordinary time earnings plus weekly overtime earnings". (The ABS, 1992, p. 232)

Table B-19 and Table B-20 indicate both median and mean weekly earnings of male full-time workers by age groups and Tables B-21 and B-22 show the same data for females.

While data after 1975 is readily available and comprehensive, data before that time is less so. Prior to 1975, there are problems with coverage and with the gender break up.¹²

"...information on earnings (was) derived from the payroll tax collection, supplemented by direct collections from government bodies, etc., with some adjustments being made to take into account the earnings of persons not

¹¹ "Awards" refer to terms of employment established (i.e., 'awarded') under the unique system of compulsory wage arbitration which operated in Australia up until the mid 1990s. (see Sekine, 1992)

¹² A comprehensive account of the history of the collection of data for nominal rates of wages paid in occupations in different industries is given in the *Labour Report* of the Commonwealth Bureau of Census and Statistics. (irregular; issued: July 1923 to 1973)

covered by these sources. It is therefore subject to the limitations arising out of the coverage of payroll tax. ...

As separate total income figures are not obtained for males and females on the payroll tax form, the estimates of average earnings are made on a 'male unit' basis. Male units represent total male employment plus a proportion of female employment determined by the ratio of female to male earnings. If, for example, there were 800,000 females in employment and it was estimated that the ratio of female to male earnings was 0.60 then 480,000 (0.60 of 800,000) would be added to the figure for male employment and the result would be divided into total earnings expressed on an average per week basis to obtain average weekly earnings". (Palmer, op. cit., pp. 95-96)

However, these extensions do not meet all our requirements. In particular, we only have total average weekly earnings in terms of per employed male or female (see Table B-23) and do not have data on earnings by age or age group. To estimate these data, we assume that from 1947 to 1974 the annual average weekly earnings for every age rise at the same rate as the growth of total average weekly earnings per employed male or female. The method of estimation is similar to that of estimating the annual unemployment rate and utilizes data in Tables B-20, B-22 and B-23 of Appendix B to estimate the annual average weekly earnings for those aged 15 to 64. Firstly, we compute the annual growth rate of total average weekly earnings from 1947 to 1975. Next we calculate the average weekly earnings by age in 1974. If the growth rate from 1974 to 75 is r, the average weekly earnings of those aged 15 in 1974 can be estimated as follows:

the average weekly earnings of aged 15 in 1974 = the average weekly earnings of aged 15 in 1975 + (1 + r).

We apply the same procedure to people of all other ages in 1974 and acquire the estimated values.

We can continue with the technique to make estimates for previous years, i.e., if the growth rate from 1973 to 74 is r', the average weekly earnings of aged 15 in 1973 should be:

the average weekly earnings of aged 15 in 1973 = the average weekly earnings of aged 15 in 1974 ÷ (1+r')

As we repeat the same procedure retroactively for each age group for the period 1975 to 1995, we finally construct the time series data on estimated yearly earnings from 1947 to 1995. Table B-24 and Table B-25 show these estimates by age and gender.

The last data for investigation are those showing the value of GDP and interest in Australia. For Australia, national accounts data are for financial years ending at 30 June so that data for 1995 refers to the financial year 1994-95. According to Palmer (op. cit.):

"Though a number of estimates of Australian national income had been made in earlier years notably by T. A. Coghlan, J. T. Sutcliffe and C. G. Clark and J. G. Crawford, it was not until 1945 that official estimates of national income and expenditure were published. These were taken back to 1938-39 in the *National Income and Expenditure* White Papers. The latter are prepared annually by officers of the Commonwealth Bureau of Census and Statistics and presented to the Commonwealth Parliament on the occasion of the budget....Quarterly estimates were first published in 1960 (in the Commonwealth Bureau of Census and Statistics, *Quarterly Estimates of National Income and Expenditure*). (pp. 312-313)

More recent changes are summarized by Castles (1994):

"In 1963 a number of important changes in the structure and presentation of the national accounts and in the conceptual basis and definitions of the principal aggregates were introduced in a new publication entitled Australian National Accounts: National Income and Expenditure, 1948-49 to 1961-62. Constant price estimates of the principal expenditure aggregates were presented for the first time in this publication....

In the 1971-72 issue of Australian National Accounts: National Income and Expenditure, published in 1973, the structure of the accounts was revised to accord more closely to the international standard described in the United Nations publication A System of National Accounts (1968). (Australian National Income, Expenditure and Product, 1992-93, p. 103)¹³

Table B-26 shows the historical values of Australian GDP at current prices from 1947 to 1996.

Turning now to the matter of Australian interest rates that we must use to provide an appropriate discount rate to our estimates of human capital. It has been noted that, in Australia, as elsewhere:

"there are as many interest rates as there are different financial assets (or securities). The relationship between these interest rates is complex and depends in part on the risks perceived by potential buyers of securities, the term to maturity of the security, expectations about the rate of inflation and future interest rates, and the relative supplies of the different securities. It is said that three categories of interest rates can be distinguished; those rates which are either fixed administratively such as some rates paid or charged by banks; those rates which are largely influenced by government action such as the interest rate government securities; and those rates which determined by the supply and demand for money, as with the interest rate on bank-accepted commercial bills. The

¹³ Further changes are currently being considered. Castles continues that: After a long review process, a revised international national accounting standard has recently been published, entitled System of National Accounts, 1993. It was produced and published by an Intersecretariat Working Group, comprising representatives from five organizations involved in the use of economic statistics and the promotion of international statistical standards - United Nations, Organisation for Economic Co-operation and Development, International Monetary Fund, World Bank and Commission of the European Communities. The Australian national accounts will be reviewed to achieve the maximum possible alignment with these standards, with the major changes being implemented in 1996 to 1997.

pattern of these different interest rates over time has been quite distinctive". (Indices Economics, 1980, pp. 75-76)

Table B-27 shows the behaviour of some interest rates from 1946 to 1995. There appears to be no clearly superior rate for our purposes and so selection is difficult. Analytically, the rate chosen should be that which is relevant to the decision to invest in human capital and for this purpose I have chosen the median interest rate on deposits of saving banks. This interest rate is most closely connected with peoples' daily lives. The median interest rate from 1947 to 95 is 3.75 per cent (By comparison, the median interest rate of government bonds is 5.40 per cent). In the analysis which follows we will also employ some hypothetical interest rates so as to indicate the sensitivity of results to this selection.

4.4 The data sources of Japan: population and vital statistics

In this and the next section we discuss the data sources of Japan in a way which parallels the discussion for Australia. There are two fundamental laws in Japan concerning censuses and surveys: Tokei Ho (the Statistics Law) and Tokei Hokoku Chosei Ho (the Statistical Reports Coordination Law). They were established in order to secure the truthfulness and usefulness of statistics, while protecting the privacy of respondents and minimizing their reporting burden.

The Statistics Law was enacted in May 1947 as a fundamental law on statistical affairs of Japan. It aims at:

"securing the truthfulness of statistics, eliminating the duplication of statistical surveys, consolidating the statistical system and planning to improve and develop the statistical system". (quote from web page of Somu Cho (the Management and Coordination Agency))

This law stipulates that statistics which are highly important to policy planning and decision making of the government shall be designated by the Director-General of the Management and Coordination Agency (MCA), and that governmental bodies must notify the Director-General of the MCA of plans to collect information to produce statistics other than those designated and approved by the Director-General. These two types of statistics are called designated statistics and notified statistics.

The Statistical Reports Coordination Law was enacted in August 1952, to reduce the reporting burden on the respondents to statistical surveys and to improve the efficiency of administrative operations. The law stipulates that national governmental bodies that plan to collect reports for statistics from 10 or more persons, whether private or juridical, are required to obtain prior approval from the Director-General of the MCA. The statistical surveys that the Director-General of the MCA approves are termed collections of statistical reports (approved statistical surveys).

In making estimates of the annual probability of survival, the unemployment rate and of yearly earnings by age and gender from 1947 to 1995 for Japan, we employ basically the same method that we have already discussed in previous sections for Australia using compound rates of growth. Therefore, here we focus only on an explanation of the data sources themselves.

The history of Japanese population statistics can be briefly described as follows:

"The population Census in Japan was taken for the first time in 1920. As regards the population prior to that time population estimates had been compiled since 1872 by the Cabinet Bureau of Statistics. The population from 1872 to 1898 was estimated on the basis of the permanent domicile population as of January 29, 1872 in the lunar calendar (March 8 in the solar calendar), by adding to it the live births, desertions of children and registrations of persons since then, and by subtracting from it the deaths and removals from registry as well as Japanese nationals living overseas at the end of the year.

The population as of the beginning of 1899 was estimated on the basis of the Japanese population in Japan proper, obtained from the Population Census taken as of October 1, 1920, by retroactively adding to or subtracting from it the live births, deaths, desertions of children, registrations of persons, removals from registry and migration of Japanese nationals to and from abroad which had occurred before the end of September 1920.

The above two estimated population series were adjusted for the purpose of their linkage, first by allotting proportionately the discrepancy between the two series for the year 1899 according to the respective magnitude of increase during the period from 1872 to 1895 and the period from 1899 to 1920, and secondly by allotting them proportionately according to the magnitude of increase during each year". (Somucho Tokei Kyoku (the Statistics Bureau, Management and Coordination Agency), *Nihontokei Nenkan* (*Japan Statistical Yearbook*), 1996, pp. 26-27)

The Population Census has been taken about every five years since 1920, and the sixteenth census was conducted in 1995.

"From the first census to the sixth, population had been enumerated on the *de facto* population concept. However, in the seventh census (for 1950) the principle for enumeration was changed to the *de jure* population concept, which has been adopted up to the present census.

The 1995 Population Census covered all households and individuals having residence within the territory of Japan as of October 1, and the census questionnaires were filled out by the method of self-entry (partly by enumerator's entry). The fieldwork of the census was executed through the channels of the Statistics Bureau, Management and Coordination Agency; prefectures; shi (cities), ku (wards), machi (towns) and mura (villages); and census enumerators. The tabulation results are based on "Results of Prompt Sample Tabulation" and "Preliminary Count of the Basis of Summary Sheets". (ibid., p. 27)

Survey items differed from census to census reflecting the needs of the times, but basic items such as sex, age, marital status and relationship to the head of household have been the same throughout the census history. A number of the survey items differed between large-scale and simplified censuses. For example, the following items were sought in the large scale 1980 Census, whereas the asterisked items were not sought in the simplified 1985 census:

(1) name; (2) sex; (3) year and month of birth; (4) relationship to the head of household; (5) marital status; (6) nationality; (7) time moved into the present house*; (8) previous address*; (9) education*; (10) type of activity; (11) name of establishment and kind of business (industry); (12) kind of work (occupation); (13) employment status; (14) place of work or location of school; (15) journey to work or to attend school*; (16) type of household; (17) number of household members; (18) source of family income*; (19) type and tenure of dwelling; (20) number of dwelling rooms; (21) area of floor space of dwelling rooms; (22) type of building; (23) number of stories.

The data on population by age and gender groups are available in *Kokuse Chosa (Population Census*) conducted by Somucho Tokei Kyoku (the Statistics Bureau, Management and Coordination Agency). The publication, *Nihon Chokitokei Soran (Historical Statistics of Japan*) published by Somucho Tokei Kyoku is also useful to review the historical trend of Japanese population data in detail.

The contribution of components of population growth in Japan since 1900 is presented at Figure 4-2. The value of net migration is calculated as the total increase minus natural increase. The figures include the discrepancy in 1920 caused by changes in the method of estimation and also reveal the lack of data from 1944 to 47, which resulted from the exigencies of war.

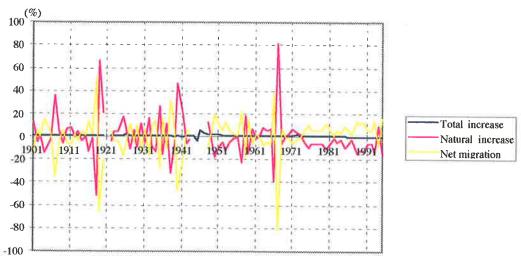
As to immigration, it should be noted that Japan is an island country and the number of international migrants is small with more importance being attached to internal movement. Before the World War II, statistics on migration between Japan and foreign

countries were limited to materials obtained from passports issued by Gaimu Sho (the Ministry of Foreign Affairs) and to a survey on Japanese nationals abroad conducted by Naimu Sho (the Ministry of Home Affairs) since 1876. After the war, persons who legally entered or departed from Japan have been recorded in the Statistical Survey on Legal Migrants carried out by Homu Sho (the Ministry of Justice) since 1949.

Another point to note is that the data show an anonymously high rate of natural increase in 1967. The reason for this is likely to be that the year of 1966 was a special year called *Hinoeuma* (horse) in the Chinese zodiac and, in Japan, many people believe that a girl born in this year will have a bad disposition and be shunned as a bride. Hence, there is a strong incentive to record girl births incorrectly as having occurred in 1967.

Over the last 95 years Japan's population has grown by 1.1 per cent per annum (compound) and natural increase contributed to Japan's overall growth rate more than did net migration. But it can be seen from Figure 4-2 that natural increase has been declining rapidly over the last three decades. This is because of a fall in fertility. A decline in the occurrence of marriage and a concomitant increase in the occurrence of de facto relationships may also partly explain this fall in fertility.

Figure 4-2: Japanese Population Growth and Components of Growth, 1901~96



Sources: Somucho Tokei Kyoku (Statistics Bureau, Management and Coordination Agency), Nihon Chokitokei Soran (Historical Statistics of Japan), Vol. 1, pp. 72-77.

Somucho Tokei Kyoku (Statistics Bureau, Management and Coordination Agency), Wagakuni Jinkono Gaikan (Major Aspects of Population of Japan), Heise 5nen Kokuse Chosa (1990 Census of Japan), Henshu Kaisetu (Abridged Report Series), No. 1, pp. 146 and 147.

Somucho Tokei Kyoku (Statistics Bureau, Management and Coordination Agency), Wagakuni Jinkono Gaikan (An Overview of Population of Japan), Heise 7nen Kokuse Chosa (1995 Census of Japan), Henshu Kaisetu (Abridged Report Series), No. 1, pp. 128 and 129.

To make the estimates of human capital using the methodology chosen in Chapter 3, it is necessary to estimate the population for every age between each census from 1947 to 1995. The estimation is made by using the geometric mean method described in the previous sections. The estimated population for Japan for those aged 15 to 64 by gender are shown in Table C-1 and Table C-2 of Statistical Appendix C.

We now turn to the other vital demographic statistics of Japan. According to the Statistics Bureau of the MCA:

"Surveys on vital statistics had been conducted since 1872. Subsequently in 1899, the Cabinet Bureau of Statistics took charge to bring the survey into conformity with the Civil Registration Law as amended in 1898. Then in 1945, the survey system was completely revised, taking the termination of the war as an opportunity. In 1947, the survey was legalized as the Designated Statistics No. 5 and the jurisdiction of the survey was transferred to Kose Sho (the Ministry of Health and Welfare) in September of the same year.

Findings of survey are obtained from the questionnaires submitted by shi (cities), machi (towns), and mura (villages) for every declaration of live birth, death, marriage, divorce or fetal death ... pursuant to the provisions of the Civil Registration Law and the Regulations Regarding Declaration of Fetal Deaths. (Somucho Tokei Kyoku (the Statistics Bureau, Management and Coordination Agency), *Nihontokei Nenkan* (*Japan Statistical Yearbook*), 1996, p. 28)

The questionnaires go into great detail. For example, the number of items included in each questionnaire is 18 for births, 19 for deaths, 19 for fetal deaths, 12 for marriages, and 12 for divorces. Kose Sho (the Ministry of Health and Welfare) has provided *Jinko Dotai Tokei* (*Vital Statistics*) in every year after 1947.

To calculate the probability of survival, we use *Dai Juhatikai Semehyo* (the 18th Life Tables) provided by Kosesho Daijinkanbo Tokeijohobu (Statistics and Information Department, Minister's Secretariat, Ministry of Health and Welfare) which show the complete historical collection of Japanese life tables. Two kinds of life tables are available: the complete life tables and the abridged life tables. The complete life tables are based on the precise results of the population censuses and the abridged life tables are based on the annual population estimates. The complete life tables have been published from the first issue for 1891~1898 in 1902 through to the eighteenth in 1995, except the seventh table for 1940. The abridged life tables have been compiled annually since 1945.

We use the information from these tables to compute the probability of continued life, defined as the average probability that a person is expected to live after reaching a specified age. While the expectation of life at age 0 is often referred to as the average life span, our concern is with the estimation of probabilities for people aged from 15 to 64 years by gender. To do so we calculate the probability of survival as equal to 1 - mortality rate.

We apply the same method of estimation as we did in previous sections, using data from the completed life tables from 1947 to

¹⁴ For example, the survey items for births are as follows: (1) name of child; (2) sex; (3) legitimacy; (4) date and time of birth; (5) place of birth; (6) address; (7) nationality; (8) weight; (9) sex and precedence in case of twins; (10) kind of place of birth; (11) weeks of pregnancy; (12) number of children ever delivered; (13) witness; (14) names of parents; (15) ages of parents when child was born; (16) starting date of living together; (17) principal business of household when child was born; (18) occupation of parents when child was born (only at the time of the Population Census).

1995. The final results are shown in Table C-3 and Table C-4 of Statistical Appendix C from which we can calculate the probability of survival for a person of selected age and gender as is shown in Table C-5 for males and Table C-6 for females.

4.5 The data sources of Japan: labour force, wage, GDP, and interest

As regards statistics on the labour force in Japan, the following statistics are available: *Kokuse Chosa* (the Population Census); *Rodoryoku Chosa* (the Labor Force Survey); *Shugyokozo Kihonchosa* (the Employment Status Survey) all of which are conducted by Somucho Tokei Kyoku (the Statistics Bureau, Management and Coordination Agency).

Labour force data has developed in Japan much as in Australia, as is indicated by Somucho Tokei Kyoku (the Statistics Bureau, Management and Coordination Agency):

"In the prewar censuses for 1920, 1930 and 1940, the labour force status was grasped according to the usual status principle where the population was classified into "gainful workers" and "persons other than gainful workers". Whereas in the postwar censuses, the actual status approach has been adopted, in which labour force was surveyed on the basis of actual status during a week ending the census date.

The labour force status of the population 15 years old and over is classified as follows:

Employed: Referring to all persons who did any work for pay or profit during the survey week. They include selfemployed workers and family workers as well as employees, and also include the following persons absent from work.

Absent from work: Referring to persons who had a job but did not work during the survey week (self-employed workers who did not work for less than 30 days and

employees who received or were to receive wages of salaries).

Unemployed: Referring to persons who had no job but were able to work and actually seeking a job during the survey week". (Somucho Tokei Kyoku (the Statistics Bureau, Management and Coordination Agency), *Nihon Chokitokei Soran* (*Historical Statistics of Japan*), vol. 1, p. 363)

The Labour Force Survey has been conducted monthly since July 1947 by Sorifu Tokei Kyoku (the Statistics Bureau, Prime Minister's Office), now Somucho Tokei Kyoku (the Statistics Bureau, Management and Coordination Agency). It was designated in April 1950 as Designated Statistics No. 30 under the Statistics Law. The purpose of the survey is to provide up-to-date employment and unemployment data, primarily at the national level. It is a sampling survey of households and individuals covering, from 1983, about 40,000 households and their members. The survey is taken at the end of each month and refers to the week ending the last day of each month. It covers about 100,000 persons 15 years old and over. The following items are surveyed:

- (1) Items for all household members
 Name, sex, date of birth, and relationship to the head
 of household.
- (2) Items for household members 15 years old and over Marital status, type of activity, name of establishment and kind of business (industry), number of employees of the whole enterprise, kind of work (occupation), employment status, hours of work during a week, whether mainly seeking job or not, reasons for seeking job, and whether wishing to have an additional job or to change the job.
- (3) Items concerning household Kind of household, numbers of household members, and change in household members.

The classification and definition of labour force status are approximately the same as in the Population Census.

In addition to the Labour Force Survey, the MCA also conducts an Employment Status Survey.

"It was first taken in 1956 ... to shed light on the labour force status of the nation and the structural factors affecting it. It had been taken, as a rule, every three years until 1982, but the interval was extended to five years from the 1987 survey. ... The survey aims to ascertain the status of the labour force on the basis of the prevailing conditions as of the survey date, seeking the number of working days, hours worked and income as well as desires for employment, and comparing persons both with a job and without a job and investigating changes in employment and in the place of work from the preceding year, etc. The 1992 survey covered a national sample of about 430,000 households and all persons 15 years old and over residing in these households". (Somucho Tokei Kyoku (the Statistics Bureau, Management and Coordination Agency), Nihontokei Nenkan (Japan Statistical Yearbook), 1996, p. 75)

The most significant feature of this Survey is that it shows the status of employment on the basis of usual status as of the survey date as compared to actual status during the week on which the Population Census or the Labour Force Survey is based.¹⁵

The Survey defines working persons and persons not working as follows:

"Working persons: those who are usually engaged in work for pay or profit and who are expected to continue working after October 1, and those with a job but not at work at present because of seasonal job or illness.

¹⁵ Besides the items sought in the Population Census or the Labour Force Survey, the Survey also includes the following items:

Regarding a person's main job

⁽¹⁾ annual working days; (2) weekly working hours; (3) regularity of work; (4) annual income; (5) years worked Regarding any secondary job

⁽¹⁾ working status; (2) industry; (3) annual income Regarding any previous job

⁽¹⁾ time of quitting; (2) reasons for quitting; (3) employment status; (4) industry; (5) occupation.

Persons not working: those who do not have a job for pay or profit, that is, persons who usually do not work at all and those who work only temporarily or occasionally". (Somucho Tokei Kyoku (the Statistics Bureau, Management and Coordination Agency), 1987, Vol. 1, p. 363)

The Labour Force Survey provides useful information on the size of the labour force and the number of unemployed persons and the unemployment rate by gender and age groups, after 1948. ¹⁶ Tables from C-7 to C-10 are developed from these data for the male labour force and Tables C-11 to C-14 show data for the female labour force. We particularly make use of Table C-10 and Table C-14 which show the annual unemployment rate from 1948. ¹⁶ Estimates of the annual unemployment rate by age and gender are undertaken using the same method as we discussed in section 4-2 and 4-3 for Australia and are shown in Tables C-15 and C-16. We can acquire time series data on the mean probability of earning income (1 - unemployment rate) from these two Tables.

We now turn to consider earnings data. According to Somucho Tokei Kyoku (the Statistics Bureau, Management and Coordination Agency) (1987, Vol. 4, p. 226), before World War II, the prime data source was the "Chingin Hyo" (Tables of Wages)" giving wages by occupation from 1900 through to 1922, published by Noshomu Sho (the Ministry of Agriculture and Commerce). Data to 1939 were subsequently published by Shoko Sho (the Ministry of Commerce and Industry), as the "Chingintokei Hyo" (Tables of Wage Statistics)". In addition, a wage survey by industry was taken as part of the "Shokuko, Kofu Chingin Maituki Kinro tokei Chosa (Monthly Wage Survey of Workmen and Miners)" started in 1923 by Naimu Sho (the Social Affairs Bureau, Ministry of Home Affairs). The survey, after its period under the jurisdiction of Naikaku Tokei Kyoku (the Cabinet Bureau of Statistics), became

¹⁶ A slight adjustment is required to account for the fact that, for the period 1948 to 54, the age group begins with ages 14 to 19 and, after that, with ages 15 to 19. To do so we assume that we can convert the figures of those in the age bracket with ages 14 to 19 to those in the age bracket 15 to 19.

the "Maituki Kinrotokei Chosa (Monthly Labour Survey)" taken by Rodo Sho (the Ministry of Labour).

After the war, the "Kojinbetu Chingin Chosa (Survey of Wages by Individual Worker)" was initiated in 1948 by Rodo Sho (the Ministry of Labour) in order to obtain data on the wage structure. Since 1964, the survey has been enlarged under the name of the "Chinginkozo Kihon Tokei Chosa (Basic Survey on Wage Structure)", based on which detailed data on the actual conditions of wage structure have been published. In addition, the "Hiyatoi Romusha Chingin Chosa (Wage Survey on Day Labourers)" was started from 1948 by Rodo Sho (the Ministry of Labour), and has been conducted monthly, since 1957 under the name of the "Okugai Rodosha Shokushubetu Chingin Chosa (Outdoor Employees' Wage Survey by Occupation)".

In addition, the "Shokushubetu Minkan Kyuyo Jitai Chosa (Survey of Compensation in Private Industry by Occupation)" has been taken annually since 1948 by Jinjiin (the National Personnel Authority) in order to study the salaries and wages of government employees as compared with those of private firms. Based on this survey, data on wages and salaries at private firms by position and occupation have been made public annually.

In addition to the foregoing surveys, the following surveys are available in regard to wage statistics.

Ringyo Rodosha Shokushubetu Chingin Chosa (Occupational Wage Survey of Forestry Employees) by Rodo Sho (the Ministry of Labour), (since 1954)

Minkan Kyuyo Jitaitokei Chosa (Survey of Wages and Salaries of Private Firms) by Kokuze Cho (the Tax Administration), (since 1947)

Chiho Komuin Kyuyo Jitai Chosa (Survey of Wages and Salaries of Public Servants of Local Governments) by Jiti Sho (the Ministry of Home Affairs), (since 1955)

Chingin Jijo Chosa (Wage Survey) by Chuo Rodo Iinkai (the Central Labour Relations Committee), (since 1952)

The best of these surveys which provides us with the most comprehensive information on wages is the "Chingin Kozo Kihon Tokei Chosa (Basic Survey of Wage Structure)" conducted by Rodo Sho (the Ministry of Labour). The aim of this survey is to obtain information on the wage structure for regular employees in major industries, in terms of industry, region, size of enterprises, sex, type of worker, educational level, occupational category, type of occupation, type of employment, type of work, age, length of service, and experience. It covers firms in mining, construction, manufacturing, utilities, transport and communication, wholesale and retail trade, restaurants, finance and insurance, real estate and other services.

The survey has been carried out every three years on a large scale and for other years on a small scale. It covers a sample of establishments with 5 or more regular employees in the case of the large-scale survey (and with 10 or more regular employees for the small-scale survey). The survey for 1995 covered approximately 71,000 establishments and 1,500,000 employees. It defines earnings as follows:

"Contractual cash earnings (including overtime earnings): earnings paid according to methods and conditions previously determined by labour contracts, collective agreements, or wage regulations of establishments, calculated over a period not exceeding three months.

Overtime pay: part of contractual cash earnings, including earnings for work exceeding scheduled working hours, for night work, for work on days off, and for overnight duty.

Scheduled cash earnings: part of contractual cash earnings, excluding earnings for work exceeding scheduled working hours.

Annual bonuses and other special cash earnings: summer and year-end bonuses and earnings paid for temporary or unforeseen reasons not based on any previous agreement, contract, or rule, as well as earnings which, although terms are fixed, are calculated over a period exceeding three months". (Rododaijin Kanboseisaku Chosabu (Policy Planning and Research Department, Minister's Secretariat,

Ministry of Labour), 1998, *Rodotokei Nenpo* (Year Book of Labour Statistics), p. 378)

We define the wage of Japanese employees as the sum of total yearly average scheduled cash earnings plus total annual bonuses and other special cash earnings. The data on total average scheduled cash earnings are available at monthly terms after 1954. However, data on total annual bonuses and other special cash earnings are obtainable only after 1964. Hence, our first problem is to try to estimate the value of total annual bonuses and other special cash earnings for the period 1954 to 63. We begin with the ratio of total annual bonuses and other special cash earnings to total average scheduled cash earnings for every age group in 1964. We assume that for the period 1954 to 63 this ratio had been constant. Then each scheduled cash earning from 1954 to 63 is multiplied by each age and gender group's ratio. Table C-17 and Table C-19 show the total monthly average scheduled cash earnings by age groups and gender, and Table C-18 and Table C-20 also show the total annual bonuses and other special cash earnings, including estimated values by age groups and gender respectively.

After we convert the monthly scheduled cash earnings to yearly values and add the yearly cash earnings and annual bonuses and other special cash earnings, we can compute the time series data on the yearly wage by age and gender for 1947 to 1995. The method of computation is the same as we have explained in section 4-2 and 4-3 and so we do not describe it in detail again. Table C-21 and Table C-22 show the final results of the estimation.

We now consider the economic data on GDP and interest rates. The first official estimates of Japanese national income compiled by government was made in 1928 by Naikaku Tokei Kyoku (the Cabinet Bureau of Statistics), as the "National Income in 1925", followed by estimates made in 1930 and in 1935 when the Population Censuses were taken. After the war, the task of compiling national income statistics was transferred to Keizai Ante Honbu (the Economic Stabilization Board, now Keizai Kikaku Cho

(the Economic Planning Agency)), and in 1953, the "Report on National Income Statistics of 1951" was submitted to the Cabinet for the first time, which made possible the annual publication of the report thereafter. In line with international developments in the method and standard of estimation employed by the United Nations as well as in the OECD and many foreign countries, the national income statistics in Japan underwent several revisions and, finally, in 1978 the system was switched completely to the new System of National Accounts (SNA).¹⁷ The new SNA figures are available for every year, in principle, after 1955.

Table C-23 in the Statistical Appendix C shows the movement of GDP for the period 1947 to 1996. Figures from 1947 to 1970 are Gross National Expenditure (GNE). GNE is the sum of GDE (=GDP) and the net receipts of factor incomes from the rest of the world and the external items include exports and imports of goods and services as well as factor incomes from (to) the rest of the world. For the early period, the annual sum of the net receipts of factor incomes from the rest of the world and external items were negligible, therefore, we are able to treat GDP as equal to GNE in these years.

The final item for discussion is that of Japanese interest rates. Like Australia, Japan has a large number of possible rates to use. For example, the official discount rate. This is the standard rate of interest on loans made by the central bank to private financial institutions and is determined by vote in Nihon Ginko Seisaku linkai (the Policy Board of the Bank of Japan). It represents a central interest rate, influencing the level of overall interest rates in Japan. In addition, the interest rate on deposits is published by the Bank of Japan as a guideline for financial institutions. The interest rate on postal savings is also determined by the Cabinet,

¹⁷ The new SNA is a system that consolidates systematically as well as synthetically the following five economic accounts, with national income accounts as their nucleus, the national income accounts, the input-output tables, the flow of funds accounts, the national balance sheet and the balance of payments. Under this system, the whole picture of the economic activities in terms of flows (income), stocks (assets), commodities (non-financial transactions) and money (financial transactions) was made clear.

based on the findings of Yusei Singikai (the Postal Services Advisory Council for the Minister of Posts and Telecommunications). This rate has been altered in parallel with change in the interest rates on deposits of private financial institutions.

As for short-term rates, each financial institution independently decides its own lending rate within a maximum limit in parallel with changes in the official discount rate. As for long-term rates, no maximum limit is set and each financial institution decides its rate independently. Averages of agreed interest rates on loans and discounts refer to a weighted average of the above shortterm and long-term rates calculated by the Bank of Japan (Somucho Tokei Kyoku (the Statistics Bureau, Management and Coordination Agency), 1987, Vol. 3, p. 131). To make our estimations of the value of human capital in Japan, I have chosen to use the median value of official discount rate as a primary discount rate because this is the central interest rate in Japan. Table C-23 shows the trend of annual official discount rate after 1947. The median value for this period is 5.84 per cent. Again, in making estimates of human capital in the next chapter we will also employ other hypothetical interest rates to indicate the sensitivity of our results to this selection.

4.6 Conclusion

We have considered the sources of data that we must use for the estimation of human capital in Australia and Japan. The discussion did not cover the full range of economic statistics provided by two countries' governments or organizations, nor did it follow every nuance in definition and collection procedures. However, fortunately, both Australia and Japan have adopted almost the same definitions and coverage, although there are differences in the starting year of each time series data. However, with some manipulation, we now have available a wide range of information with which to make our estimates.

Interested readers should also note that much information can now be sourced from the Internet. Some of the key addresses are listed below:

Australia:

The Australian Bureau of Statistics: http://www.abs.gov.au/
The Reserve Bank of Australia: http://www.rba.gov.au/
The Social Sciences Data Archives (SSDA) at the Australian
National University: http://www.ssda.anu.edu.au/
Commonwealth Register of Surveys of Businesses (Statistical
Clearing House): http://www.sch.abs.gov.au/
The Australian Financial Review: http://www.afr.com.au/

Japan:

Keizai Kikaku Cho (The Economic Planning Agency):

http://www.epa.go.jp/

Nihon Ginko (The Bank of Japan): http://www.boj.or.jp

Tsusan Sho (The Ministry of International Trade and Industry):

http://www.miti.go.jp/

Okura Sho (The Ministry of Finance): http://www.mof.go.jp/

Rodo Sho (The Ministry of Labour): http://www.mol.go.jp/

Somu Cho (The Management and Coordination Agency):

http://www.stat.go.jp/

The Japan Times: http://www.japantimes.co.jp/

Chapter 5 Analysis of data

5.1 Introduction

The purpose of this chapter is to demonstrate and discuss the results of my estimation of the value of human capital in Australia and Japan. It considers both the results and the converted data that has been created to reach those results. The converted data play an important role in the estimation procedure and, hence, our confidence in the results turns on the quality of the converted data. We have estimated converted data by age and gender in four areas: population, the probability of future survival, the rate of unemployment and earnings.

The results that are presented in this Chapter reveal some interesting facts. Given the contrasts between Australia and Japan that were described in Chapter 1, we reveal features of human capital accumulation, which are common to both as well as others that are significantly different. The final sections include the conclusion which may be drawn from the estimates and indicate the direction for future research.

5.2 Patterns of converted data

Our estimations of human capital in Australia and Japan are developed using annual data on population, the mortality and unemployment rates and yearly earnings by age and gender. However, the forms in which these data are available in both countries do not fit our requirements precisely. As previously described, we need to extend the time series by use of compound growth rates. Having already discussed this procedure in the preceding chapter, here we look at the patterns of converted data on mortality rate, unemployment rate, and yearly earnings.

Firstly, we compare converted data for the two countries' on the annual probability of survival derived from the mortality rate. The annual probability of survival is the probability of future life and can be defined as the probability that a person aged x in year t can survive until aged y. It may be calculated as the product of the annual probability of survival (1 - mortality rate) at the age of x years in year t $(x = 15, 16, \dots, 64, t = 1947, \dots, 1995)$.

Figures from 5-1 to 5-4 use the example of the estimated probability of future survival for a person aged 15 in both countries. The year of observation is selected at eight years interval (The detailed data from which these Figures are derived are shown in Tables B-5, B-6, C-5, and C-6 of the appropriate Appendices).

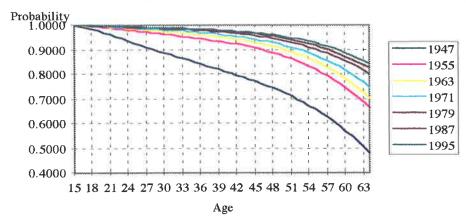
From the Figures it can be seen clearly that the probability of future survival for both males and females in Australia and Japan has risen steadily. In particular, the curves which describe the probability for the Japanese male and female in 1947 more closely approximates a straight line but, in subsequent years, as the male and female probability of survival have jumped dramatically, the curves become more non-linear and approach the top line of the Figures, indicating that the probability of survival is slowly approaching 1.00. The figures show that Australia and Japan have now reached a very similar probability of future survival. In other words, we may say that both countries currently maintain almost the same efficiency in the utilization of their potential human resources.

Probability 1.0000 T 0.9000 1947 1955 0.8000 1963 0.7000 1971 1979 0.6000 1987 1995 0.5000 0.4000 15 18 21 24 27 30 33 36 39 42 45 48 51 54 57 60 63 Age

Figure 5-1: Probability of Future Survival: Australian Male Aged 15

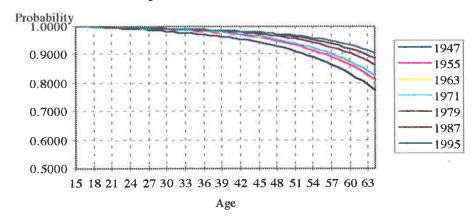
Source: Table B-5.

Figure 5-2: Probability of Future Survival: Japanese Male Aged 15



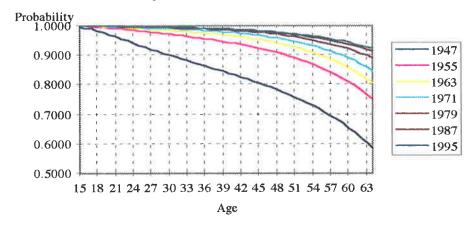
Source: Table C-5.

Figure 5-3: Probability of Future Survival: Australian Female Aged 15



Source: Table B-6.

Figure 5-4: Probability of Future Survival: Japanese Female Aged 15



Source: Table C-6.

Tables 5-1 and 5-2 indicate the improvements made in the probability of survival in Australia and Japan for persons aged 15, 30, 45, and 60 in each observed year. The figures express the compound rate of growth of the probability of survival from selected ages to the probability of survival for aged 64 in the year. It is a measure of the degree of progression the length of expected life.

When we compare the growth rates for selected males in Australia in 1947 with those for each corresponding Japanese male, all rates are higher in Japan, thereafter those gaps narrow, and roughly speaking, after 1963, the two countries have been maintaining the same rate of improvement. We can see the same tendency for females in two countries. We would also anticipate that the two countries will continue to improve the probability of future survival at a rate similar to that we have seen.

Table 5-1: Improvement of Male Probability of Survival to Age 64

Australia	1947	1955	1963	1971	1979	1987	1995
Aged 15	0.8%	0.7%	0.7%	0.7%	0.6%	0.5%	0.3%
Aged30	1.1%	1.0%	1.0%	1.0%	0.8%	0.6%	0.5%
Aged 45	1.6%	1.6%	1.6%	1.6%	1.2%	1.0%	0.7%
Aged 60	2.8%	2.8%	2.8%	2.8%	2.2%	1.8%	1.3%
					.,,,,		
Japan	1947	1955	1963	1971	1979	1987	1995
Aged 15	1.5%	0.8%	0.7%	0.6%	0.5%	0.4%	0.4%
Aged 30	1.8%	1.1%	1.0%	0.8%	0.6%	0.5%	0.5%
Aged 45	2.5%	1.6%	1.5%	1.2%	0.9%	0.8%	0.7%
Aged 60	4.2%	2.9%	2.7%	2.2%	1.6%	1.4%	1.4%

Source: Table B-5 and Table C-5.

Table 5-2: Improvement of Female Probability of Future Survival

Australia	1947	1955	1963	1971	1979	1987	1995
Aged 15	0.5%	0.4%	0.4%	0.4%	0.3%	0.2%	0.2%
Aged 30	0.7%	0.6%	0.5%	0.5%	0.4%	0.3%	0.3%
Aged 45	1.0%	0.9%	0.8%	0.8%	0.6%	0.5%	0.4%
Aged 60	1.7%	1.5%	1.4%	1.4%	1.1%	0.9%	0.8%
Japan	1947	1955	1963	1971	1979	1987	1995
Aged 15	1.1%	0.6%	0.4%	0.3%	0.2%	0.2%	0.2%
Aged 30	1.3%	0.8%	0.6%	0.5%	0.3%	0.3%	0.2%
Aged 45	1.7%	1.1%	0.9%	0.7%	0.5%	0.4%	0.3%
Aged 60	2.8%	1.9%	1.5%	1.2%	0.9%	0.7%	0.6%

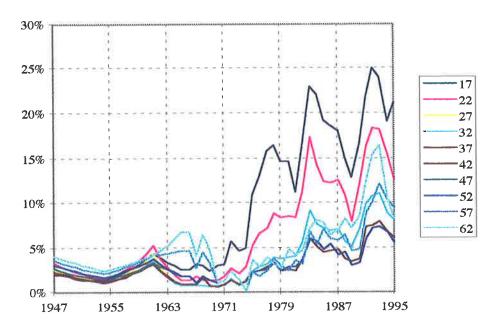
Source: Table B-6 and Table C-6.

Next, we examine the unemployment rate data. Firstly, we look at the trend in unemployment rates for ages at 5 yearly intervals after 17 years of age. These are shown in Figures 5-5 to 5-8. They show us that, during the period of observation, the Japanese unemployment rate for males and females in all groups has not exceeded 10 per cent. However, the situation in Australia is very different and we observe a number of cases where the rate of unemployment exceeded 10 per cent. Particularly after 1979 we find a remarkable increase in the unemployment rate for young males. We can anticipate that this will affect the calculation of the value of human capital. In particular, it will lower the value of human capital for younger age cohorts in Australia relative to Japan.

As well as these important differences we can point to some common features in Australia and Japan. For example, one common feature is that the unemployment rates for males aged 17, 22, 57, and 62 tend to be higher than for others. It would seem that the young and the old have a tendency to suffer most from poor economic conditions. For females, a similar picture emerges although it is predominantly young not old females who suffer most unemployment.

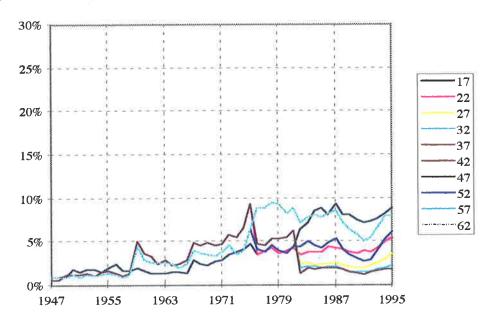
The discrepancy in unemployment rates between Australia and Japan might be declining. In 1995, in Japan, the total number of new graduates employed was 61,000 less than in the preceding year, probably because companies held back on recruiting due to the recession. Despite the 31,000 increase in university graduates, those who succeeded in obtaining jobs increased by a mere 6,000. The job situation for workers in the 55~64 age bracket has also been worse and the number of workers forced out of jobs has been increasing as a result of corporate restructuring. These data raise a number of questions but, as they do not relate directly to the task at hand, they must be left aside even if a close examination of them might help not a little in understanding the employment problems occurring in Australia and Japan.

Figure 5-5: Unemployment Rate: Australian Male



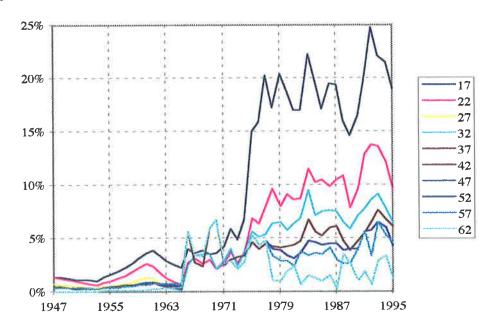
Source: Table B-17.

Figure 5-6: Unemployment Rate: Japanese Male



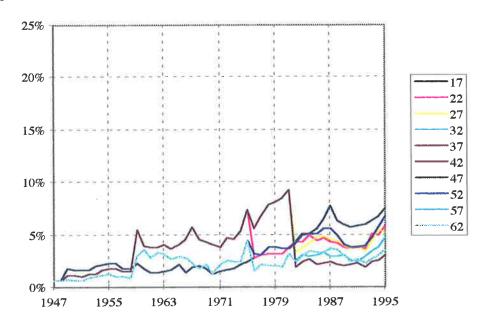
Source: Table C-15.

Figure 5-7: Unemployment Rate: Australian Female



Source: Table B-18.

Figure 5-8: Unemployment Rate: Japanese Female



Source: Table C-16.

We now turn to the earnings data that we will employ in making our estimates of human capital. Tables B-24, B-25, C-21, and C-22 (in Statistical Appendices B and C) provide the basic information on both a male and a female yearly earnings in the two countries. To compare the two countries' annual earnings, firstly, we

compute the index of earnings for selected ages, i.e., at five yearly intervals from age 17. The basis of the index is earnings for each selected person based on age and using 1947 as the base year.

Looking at male earnings first, Figures 5-9 and 5-10 report data for Australia and Japan respectively, both show significant gains over all age groups. In Australia, for example, the index in 1995 shows that the change in earnings for a male aged 17 is 3,804. This means that there has been a 3,704 per cent increase in earnings for an Australian male aged 17 from 1947 to 1995. However, this impressive gain ranks last among the indexes in 1995. The maximum gains to 1995 are 5,462 and that corresponds to the indexes for an Australian males aged 47 and 52. By comparison, from Figure 5-10, the change in earnings for a Japanese male aged 17 has been 3,193 and ranks second among the indexes in 1995. The maximum gain has been for a male aged 62 with a maximum value of 5,153. Compared to other indexes this is an impressivley high rate of growth.

6,000 5,000 17 22 27 4,000 32 3,000 2,000 52 57 1,000 62 1971 1979 1987 1995 1955 1963 1947

Figure 5-9: Index of Wage: Australian Male

Source: Table B-24.

(1947=100)6,000 5,000 17 22 27 4,000 32 37 3,000 47 2,000 52 57 1,000 62 0 1971 1979 1987 1995 1947 1955 1963

Figure 5-10: Index of Wage: Japanese Male

Source: Table C-21.

The following two Figures 5-11 and 5-12 indicate the change in a female earnings in Australia and Japan. From Figure 5-11, the maximum index in 1995 for Australian females is 7,627, corresponding to a female aged 62. The index ranked second in the same year is 7, 268 corresponds to females aged 37 and 42. From Figure 5-12, the indexes ranked first and second in Japan are 8,721 and 5,146, corresponding to females aged 62 and 52 respectively. Thus, for both men and women, the greatest gains are for the oldest cohorts.

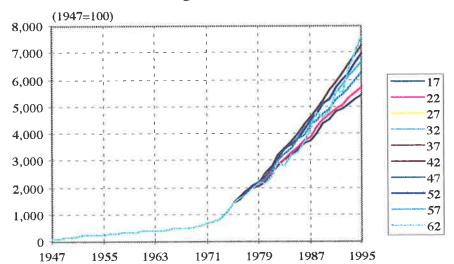


Figure 5-11: Index of Wage: Australian Female

Source: Table B-25.

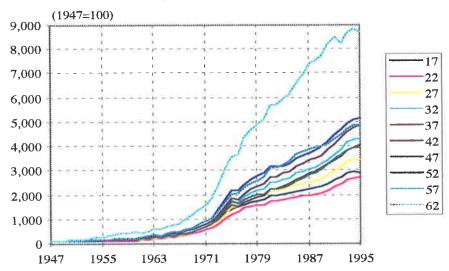


Figure 5-12: Index of Wage: Japanese Female

Source: Table C-22.

The above four Figures show that there has been a sharp increase in earnings after 1970s in the two countries. However, when we look at the growth of earnings, they are much higher in Australia than in Japan. In particular, the growth of earnings for an Australian male is about two times higher than that for a Japanese male, excluding the growth for a Japanese male aged 62. This same observation holds true for females in the two nations. A further common feature has been the growth in female earnings, which has been at a higher rate of growth than for males, thus narrowing the earnings gap.

We are now able to compare lifetime earnings in Australia and Japan and the following four Figures show the age-wage profile in both nations. We can construct the profile by setting the earnings for a person aged 17 in a selected year as the base. Figures 5-13 and 5-14 indicate the age-wage profile for males in Australia and Japan. Comparing the two Figures, we can make the following observations; firstly, the age-wage profiles for an Australian male is relatively flat, while those for a Japanese male is steep. But the Australian age-wage profiles appear to be changing its shape gradually becoming more similar to those for Japan. This is especially pronounced for the age-wage profile in 1995.

Secondly, the Japanese age-wage profiles show that male earnings increase with age but reach a maximum at the age of 42 years. Earnings for the maximum period are about 3.5 times larger than earnings at the age of 17 years. However, after this maximum is reached, the earnings tend to level off and then decline rapidly. While the earnings for an Australian male increase sharply from the age of 17 to the late twenties, after that, earnings remain steady until around the age of 52 years. During this period earnings are about 2 times larger than earnings at the age of 17 years. Thereafter earnings decline more gently than in Japan. From Figure 5-13, we can see no clear peak in Australian earnings.

(17=100)Age

Figure 5-13: Age-Wage Profile: Australian Male

Source: Table B-24.

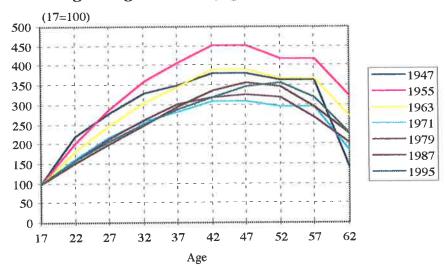


Figure 5-14: Age-Wage Profile: Japanese Male

Source: Table C-21.

Figures, 5-15 and 5-16 show the age-wage profiles for females in Australia and Japan. These Figures show that the age-wage profiles for Australian females are similar to those for Japanese females and that those age-wage profiles are flat like those observed for Australian males. We must also observe that our calculated age-wage profile for Australian females in 1995 has a different shape to the curve from other age-wage profiles. This is likely to be because the yearly earnings in 1995 are derived from estimates using the compound rate of growth. Those might well be over-estimates for the age group 60-64 in 1995, which could account for the unusual shape of the curve in 1995. We expect that if we could acquire the actual data on earnings in 1995, the age-wage profile in that year would become similar to that of the other curves.

We should also note the anomalous shape of the Japanese agewage profile in 1947. It might be that the exigencies of the immediate post war years affected the data quality and this likely accounts for the discrepancy.

The female age-wage profiles in both Australia and Japan suggest that female earnings increase with age up to the late twenties and approximate the maximum by the age of 27. Female earnings during the maximum period are about 2 times larger than those at age 17 and earnings remain close to that maximum until the age of 57 years. After that, we can observe no clear decline in the Australian age-wage profiles and find only a slight decline in the Japanese age-wage profiles, quite unlike the situation for men.

These few comparisons allude to a large number of interesting matters but, again, the questions of age-wage profiles and lifetime earnings are too involved a subject to be treated here in detail.

(17=100)Age

Figure 5-15: Age-Wage Profile: Australian Female

Source: Table B-25.

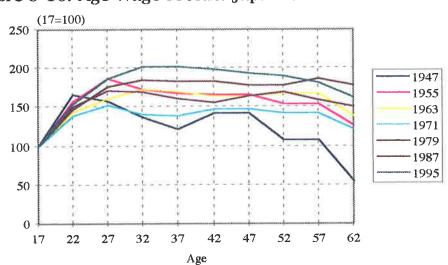


Figure 5-16: Age-Wage Profile: Japanese Female

Source: Table C-22.

5.3 Estimation results

In this section we compare the estimates of human capital in Australia with those in Japan and particularly we will focus on the historical fluctuations in those estimates in both countries.

Firstly, we look at the movement of GDP to establish a baseline for broadly comparing economic activities in both countries. Table 5-3 tells us how the performance of the economy in both countries has been changing in the long term. From the Table we can note that, Australia's nominal GDP in 1995 was about 156 times larger than in 1947, giving an average annual rate of growth of GDP was 11.1 per cent. On the other hand, during the same period Japan's nominal GDP grew by about 369 times and the average annual rate of growth of GDP was 13.1 per cent.

From 1947 to 1995 the average rate of Australia's population growth was 1.84 per cent per annum. Hence, the average rate of growth of Australia's standard of living (GDP per head of population) increased in nominal terms by about 9.3 per cent per annum. As for Japan, the average rate of growth of population has been 0.99 per cent, therefore, the average rate of growth of the standard of living in nominal terms was about 12.1 per cent. We might say that during the past 48 years two countries have been improving their peoples' living standard with high rates of growth.

Table 5-3: GDP in Australia and Japan

Year	Austral	ia	Japan				
	GDP	1947=100	GDP	1947=100			
	(\$ million)		(¥ thousand million)				
1947	3,121	100	1,309.0	100			
1948	3,747	120	2,666.0	204			
1949	4,516	145	3,375.0	258			
1950	5,237	168	3,947.0	302			
1951	7,061	226	5,444.0	416			
1952	7,486	240	6,261.0	478			
1953	8,766	281	7,059.0	539			
1954	9,518	305	7,829.0	598			
1955	9,937	318	8,399.1	642			
1956	10,879	349	9,446.7	722			

1957	11,910	382	10,874.3	831
1958	12,100	388	11,545.4	882
1959	12,961	415	13,188.6	1,008
1960	14,163	454	15,998.0	1,222
1961	15,152	485	19,306.4	1,475
1962	15,716	504	21,900.8	1,673
1963	16,924	542	25,054.7	1,914
1964	18,780	602	29,446.0	2,250
1965	20,523	658	32,772.8	2,504
1966	21,601	692	38,073.2	2,909
1967	23,876	765	44,626.1	3,409
1968	25,619	821	52,825.1	4,036
1969	28,809	923	62,065.7	4,741
1970	31,796	1,019	73,344.9	5,603
1971	35,284	1,131	80,701.3	6,165
1972	39,320	1,260	92,394.4	7,058
1973	44,695	1,432	112,498.1	8,594
1974	52,758	1,690	134,243.8	10,255
1975	64,091	2,054	148,327.1	11,331
1976	77,018	2,468	166,573.3	12,725
1977	88,162	2,825	185,622.0	14,180
1978	95,461	3,059	204,404.1	15,615
1979	109,549	3,510	221,546.6	16,925
1980	124,478	3,988	240,175.9	18,348
1981	141,037	4,519	257,962.9	19,707
1982	160,665	5,148	270,600.7	20,672
1983	173,571	5,561	281,767.1	21,525
1984	195,689	6,270	300,543.0	22,960
1985	216,203	6,927	320,418.7	24,478
1986	241,551	7,740	335,457.2	25,627
1987	264,725	8,482	349,759.6	26,720
1988	298,076	9,551	373,973.2	28,569
1989	335,364	10,745	399,998.3	30,558
1990	366,516	11,744	430,039.8	32,853
1991	377,128	12,084	458,299.1	35,011
1992	389,608	12,483	471,020.7	35,983
1993	404,912	12,974	475,381.1	36,316
1994	455,141	14,583	479,260.1	36,613
1995	486,997	15,604	483,220.2	36,915

Source: Table B-26 and Table C-23.

We are now able to calculate and broadly compare the total value of human capital in Australia and Japan. The results of our estimation are shown in Table 5-4 and Table 5-5 below. Firstly, we look at the annual growth of human capital in Australia and Japan as is indicated in Figures 5-17 and 5-18. From 1947 to 1995 the average annual rate of growth for Australian human capital has been 10.7 per cent and male and female average rates of growth have been 10.4 and 11.2 per cent respectively. As for Japan, the average rate of growth for total, male, and female human capital has been 8.9, 8.7, and 9.3 per cent respectively.

Then the difference of total average annual rate of growth between two countries is 1.8 per cent, with Australia maintaining the higher average.

The two Figures also show the relatively rapid growth in the value of female human capital compared with the growth for male human capital. However, in Australia the difference in the growth rates between males and females has been narrowing sharply after the late 1970s. On the other hand, in Japan, the growth in the value of female human capital began to approach that for males but, thereafter, the gap failed to narrow further.

Figure 5-17: Annual growth of Human Capital in Australia

Source: Table 5-4.

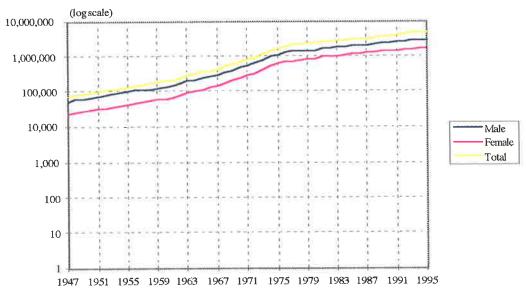


Figure 5-18: Annual growth of Human Capital in Japan

Source: Table 5-5.

For reasons explained in Chapter 4, the values of Australia's human capital in Table 5-4 are estimated using the median interest rate on deposits over the period 1947-95 as a discount rate. From Table B-27, this rate is 3.75%. As for Japan, the discount rate used is the standard rate of interest on loans made by the central bank to private financial institutions. We use the median value of this official discount rate as a primary discount rate. From Table C-23, the median value for the period 1947 to 1995 is 5.84 per cent. However, because the selection of the rates remains somewhat arbitrary and because of the importance of this parameter in our estimates, I have also employed some hypothetical interest rates (3, 6, 9, and 12 per cent per annum). These hypothetical interest rates correspond to the range of actual interest rates in the two countries.

Using the selected interest rates of 3.75 per cent and 5.84 per cent, in 1995 the total value of human capital in Australia was \$6.092 trillion and was about 133 times larger than in 1947. In the same year the total value of human capital in Japan was \$4,570 trillion and about 59 times larger than in 1947. As the exchange rate of the Japanese yen to the Australian dollar in 1995 was 78.33 yen on average, therefore, the total value of

human capital in Japan valued in Australian dollars was \$60.65 trillion. According to our results, the growth of Australian human capital from 1947 to 1995 was about two times higher than that for Japan. Furthermore, for Australia, the value of male human capital in 1995 is \$3.292 trillion, an increase of 116 times over the value in 1947. The value of female human capital in Australia is \$2.8 trillion, being 161 times larger than in 1947. By comparison, the values of male and female human capital in Japan are \$2,873,225 thousand million (\$36.68 trillion) and \$1,697,482 thousand million (\$21.67 trillion) in 1995, increases of 54 and 72 times respectively.

The results of our estimates using hypothetical interest rates to discount future costs and benefits are shown in Tables 5-6 and 5-7. The Tables show that the value of human capital depends on the size of interest rate. However, each of the comparisons made above still hold true at these different interest rates.

The major cause of the discrepancy in human capital growth rates in Australia and Japan is not the discount rate selected. Instead, as we have discussed in considering the converted data on yearly earnings in the previous section, the high growth of Australian earnings, both male and female, is about two times higher than that of males and females in Japan. This difference accounts for the majority of the discrepancy in human capital growth rates. It suggests that our estimates of human capital are affected strongly by the growth of earnings.

In Tables 5-4 and 5-5, another common feature emerges from the estimates for both countries, i.e., the proportion of the value of female to total human capital is lower than for males. This proportion for Australia in 1947 was 37.9 per cent and, by 1995, it had risen to 46.0 per cent. For Japan in 1947 it was 30.8 per cent, rising to 37.1 per cent in 1995.

Table 5-4: Total Value of Human Capital in Australia (\$ million)

Year	Male	1947=100	Female	1947=100	Total		Total/GDP
				100	45,791	1947=100	
1947	28,423	100	17,368	118	53,051	116	
1948	32,544	115	20,507	136	61,192	134	
1949	37,603	132 150	23,589	154	69,470	152	
1950	42,672	184	26,798	193	85,912	188	
1951	52,393	234	33,520	245	109,040	238	
1952	66,563	550000000000000000000000000000000000000	42,477	269	120,709	264	
1953	74,011	260	46,697 49,781	287	120,709	279	
1954	77,965	274	20000000000	10.000		295	1 1
1955	82,647	291	52,241	301	134,888 147,007	321	
1956	89,869	316	57,139	329			
1957	99,534	350	63,594	366	163,128		
1958	103,426	364	66,612	384	170,039	371	
1959	107,998	380	69,556	400	177,554	388	
1960	118,608	417	76,312	439	194,920	426	
1961	126,235	444	81,749	471	207,983	454	
1962	133,016	468	86,440	498	219,456		
1963	140,001	493	90,625	522	230,626		
1964	151,060	531	97,807	563	248,867	543	
1965	166,439	586	107,493	619	273,932	598	
1966	176,714		109,773	632	286,487	626	
1967	198,422	698	118,650	683	317,072	692	
1968	213,672	752	128,830	742	342,502	748	
1969	237,873	837	139,046		376,919	823	
1970	266,173		154,102	887	420,275		
1971	300,365	1 2000000000000000000000000000000000000	184,055		484,420	Proc. 117(3/1)	
1972	341,893		216,258		558,150		1
1973	383,469		250,853	1,444	634,323		
1974	458,230	1,612	322,458		780,688		
1975	573,213		420,623		993,836		
1976	663,084	2,333	496,601	2,859	1,159,684		
1977	741,391	2,608	557,662	3,211	1,299,053		
1978	826,551	2,908	638,072	3,674			
1979	910,024		697,709	4,017	1,607,733		
1980	1,014,548	10.000	789,060	4,543		0.0000000000000000000000000000000000000	
1981	1,153,113		903,962	5,205			1
1982	1,351,293				2,390,418		
1983	1,411,325				2,530,205		
1984	1,553,056	. NOT THE P. LEWIS CO., LANSING, MICH.	1,229,889				
1985	1,709,179				3,040,571	6,640	
1986	1,859,636	500.6.5			3,327,942		1
1987	2,014,183						
1988	2,184,965			10.0256	3,952,685		
1989	2,456,835		1,925,667				1
1990	2,586,090	27 5	2,043,486		4,629,576		
1991	2,613,284		2,191,655			171	
1992	2,716,668		2,299,468		5,016,136		
1993	2,876,386		2,417,601	13,920			
1994	3,094,890		2,598,084		A STATE OF THE PARTY OF THE PAR		
1995	3,291,866	11,582	2,800,796	16,126	6,092,662	13,305	12.5

Source: Table B-28 and Table B-29.

Table 5-5: Total Value of Human Capital in Japan (¥ thousand million)

Tubic 5	31 1 Ott	I value	71 11071110				
Year	Male	1947=100	Female	1947=100	Total	1947=100	Total/GDP
1947	53,201	100	23,720	100	76,922	100	58.8
1948	57,686	108	25,659	108	83,345	108	31.3
1949	62,452	117	27,653	117	90,105	117	26.7
1950	67,762	127	29,952	126	97,714	127	24.8
1951	73,621	138	32,462	137	106,083	138	19.5
1952	79,021	149	34,961	147	113,982	148	18.2
1953	85,346	160	37,730	159	123,077	160	17.4
1954	91,793	173	40,700	172	132,493	172	16.9
1955	98,945	186	43,990	185	142,936	186	17.0
1956	106,477	200	47,470	200	153,947	200	16.3
1957	114,782	216	51,262	216	166,044	216	15.3
1958	123,219	232	55,428	234	178,647	232	15.5
1959	126,895	239	57,996	244	184,891	24 0	
1960	140,527	264	63,308	267	203,835	265	12.7
1961	154,767	291	69,783		224,551	292	
1962	171,653	323	84,156		255,809	333	
1963	197,897	372	96,191	406	294,088		
1964	217,854	409	102,411	432	320,265		
1965	254,182	478	122,995		377,177	490	
1966	276,131	519	135,961	573	412,092	536	
1967	299,384	563	146,827	619	446,211	580	
1968	360,390	677	178,081	751	538,470	700	
1969	411,691	7 74	202,410	853		798	
1970	495,244		252,924				
1971	563,141	1,059			852,501		
1972	638,403		331,395				
1973	783,715				1,215,448		
1974	984,775		553,381				
1975	1,119,280	2,104					
1976	1,229,605		673,136				
1977	1,351,987	2,541	748,876				
1978	1,437,249	2,702					
1979	1,519,887	2,857	848,474				
1980	1,535,495						
1981	1,752,849	3,295					
1982	1,743,747		1,003,451				
1983	1,815,017				2,852,621		
1984	1,900,876						
1985	1,955,954						
1986	2,017,363				3,211,556		
1987	2,053,565	1 1					
1988	2,135,141	4,013					
1989	2,259,830						
1990	2,345,789						
1991	2,559,500						
1992	2,652,539			6,653		5,500 5,500	
1993	2,845,869					5,854	
1994	2,859,440	5,375					
1							
1995	2,873,225				4,570,708		1

Source: Table C-25 and Table C-26.

Table 5-6: Total Value of the Australian Human Capital by Use of Different Interest Rates (\$ million)

Di	scount rate :	= 3 per cent		`	Di	scount rate =	6 per cent		
Year	Male	Female		Total/GDP	Year	Male	Female	Total	Total/GDP
1947	31,051	19,002	50,053	16.0	1947	22,517	13,718	36,235	11.6
1948	35,548	22,431	57,978	15.5	1948	25,792	16,206	41,998	11.2
1949	41,066	25,796	66,862	14.8	1949	29,814	18,652	48,465	10.7
1950	46,597	29,302	75,899	14.5	1950	33,837	21,193	55,030	10.5
1951	57,204	36,647	93,851	13.3	1951	41,558	26,516	68,074	9.6
1952	72,673	46,436	119,109	15.9	1952	52,800	33,609	86,409	
1953	80,794	51,044	131,838	15.0	1953	58,729	36,957	95,686	10.9
1954	85,096	54,418	139,514	14.7	1954	61,890	39,391	101,282	10.6
1955	90,206	57,106	147,312	14.8	1955	65,610	41,340	106,950	10.8
1956	98,094	62,462	160,556	14.8	1956	71,334	45,212	116,545	10.7
1957	108,653	69,530	178,183	15.0	1957	78,992	50,301	129,293	10.9
1958	112,898	72,836	185,734	15.3	1958	82,092	52,678		
1959	117,913	76,077	193,990	15.0	1959	85,681	54,970	140,650	10.9
1960	129,542	83,492	213,034	15.0	1960	94,023	60,267		
1961	137,920	89,465	227,385	15.0	1961	99,985	64,519	164,505	
1962	145,377	94,642	240,019	15.3	1962	105,282	68,152		
1963	153,040	99,249	252,289	14.9	1963	110,762	71,414		
1964	165,162	107,139	272,301	14.5	1964	119,455	77,035		
1965	182,018	117,774	299,792	14.6	1965	131,546	84,622		
1966	193,285	120,252	313,537		1966	139,613	86,462		
1967	217,155	130,051	347,206		1967	156,540	93,320		
1968	233,855	141,246	375,101		1968	168,550	101,266		
1969	260,437	152,427	412,864	14.3	1969	187,467	109,340)
1970	291,574		460,493		1970	209,496	121,204		
1971	329,060	201,913	530,973		1971	236,343			1 21
1972	374,584	237,314	611,898	15.6	1972	268,955	169,591		
1973	420,228	275,310	695, <i>5</i> 38	15.6	1973	301,495	196,672		
1974	502,362	353,995	856,357		1974	359,896	252,621	612,517	
1975	628,406	461,861	1,090,267	17.0	1975	450,193			
1976	727,278	545,174	1,272,452	16.5	1976	520,129	388,952	909,081	11.8
1977	813,328	612,125	1,425,453	16.2	1977	581,209	436,868	1,018,077	11.5
1978	907,226	701,152	1,608,378	16.8	1978	647,137	498,506	1,145,644	12.0
1979	999,017	767,058	1,766,075	16.1	1979	712,096	544,428	1,256,523	11.5
1980	1,113,308	866,534	1,979,842	15.9	1980	794,636	617,165	1,411,801	11.3
1981	1,265,589	993,064	2,258,652	16.0	1981	902,769	706,402	1,609,170	11.4
1982	1,483,421	1,141,773	2,625,194	16.3	1982	1,057,213	811,663	1,868,876	11.6
1983	1,550,160	1,228,996	2,779,156	16.0	1983	1,102,591	874,366	1,976,956	11.4
1984	1,704,791	1,350,676	3,055,467	15.6	1984	1,215,071	961,659	2,176,730	11.1
1985	1,875,690	1,461,911	3,337,601	15.4	1985	1,337,930	1,041,364	2,379,294	11.0
1986	2,041,418	1,612,154	3,653,572	15.1	1986	1,454,697	1,148,589	2,603,286	10.8
1987	2,211,242	1,790,145	4,001,387	15.1	1987	1,575,265	1,270,128	2,845,393	10.7
1988	2,396,780	1,942,261	4,339,041	14.6	1988	1,712,226	1,380,423	3,092,649	10.4
1989	2,694,216	2,113,102	4,807,318	14.3	1989		1,508,372		
1990	2,836,560	2,242,103	5,078,663	13.9	1990	2,026,819	1,601,064	3,627,883	9,9
1991	2,864,735	2,406,137	5,270,872	14.0	1991		1,714,526		
1992	2,979,112	2,523,386	5,502,498	14.1	1992		1,800,602		
1993	3,151,783	2,652,987	5,804,770	14.3	1993		1,893,434		
1994		2,850,575			1994		2,035,682		
1995	3,607,025	3,073,862	6,680,887	13.7	1995	2,585,822	2,193,061	4,778,883	9.8

Di	scount rate	= 9 per cent			Di	scount rate =	12 per cen	t	
Year	Male	Female	Total	Total/GDP	Year	Male	Female	Total	Total/GDP
1947	17,537	10,665	28,202	9.0	1947	14,370	8,736	23,105	7.4
1948	20,094	12,605	32,698	8.7	1948	16,467	10,327	26,795	
1949	23,234	14,514	37,748	8.4	1949	19,044	11,895	30,939	6.9
1950	26,369	16,493	42,863	8.2	1950	21,613	13,518		
1951	32,393	20,639	53,033	7.5	1951	26,552	16,917		
1952	41,155	26,163	67,318	9.0	1952	33,731	21,445		171
1953	45,791	28,775	74,566	8.5	1953	37,539	23,587	61,126	
1954	48,274	30,664	78,938	8.3	1954	39,584	25,131	64,715	
1955	51,176	32,182	83,358	8.4	1955	41,964	26,374		
1956	55,636	35,192	90,828	8.3	1956	45,617	28,839	74,456	
1957	61,601	39,141	100,742	8.5	1957	50,506	32,067		U. 90
1958	64,031	40,984	105,016	8.7	1958	52,507	33,573		111
1959	66,807	42,742	109,549	8.5	1959	54,772	34,999		
1960	73,261	46,834	120,095	8.5	1960	60,038	38,335		
1961	77,850	50,111	127,960	8.4	1961	63,769	41,003		
1962	81,930	52,889	134,818	8.6	1962	67,091	43,256		
1963	86,165	55,398	141,563	8.4	1963	70,546	45,299		
1964	92,890	59,736	152,626	8.1	1964	76,034	48,837		6.6
1965	102,242	65,595	167,837	8.2	1965	83,662	53,616		
1966	108,477	67,067	175,544	8.1	1966	88,748	54,853		
1967	121,469	72,288	193,757	8.1	1967	99,291	59,069		
1968	130,772	78,404	209,176	8.2	1968	106,889	64,049	1 1	11
1969	145,318	84,700	230,018	8.0	1969	118,705	69,225	,	
1970	162,197	93,914	256,111	8.1	1970	132,385	76,773		
1971	182,921	111,676	294,596	8.3	1971	149,259	91,143		
1972	208,099	131,012	339,111	8.6	1972	169,761	106,872		
1973	233,157	151,907	385,064	8.6	1973	190,140	123,909		21
1974	278,035	194,970	473,005	9.0	1974	226,580	158,948		778
1975	347,738	253,954	601,692	9.4	1975	283,321	206,891	490,212	10.0
1976	401,244	299,994	701,239	9.1	1976	326,603		570,982	101
1977	448,045	336,946	784,991	8.9	1977	364,488			7.2
1978	498,257	383,520	881,777	9.2	1978	404,986	311,865		7.5
1979	547,883	418,347	966,230	8.8	1979	445,062	339,902		7.2
1980	611,877	475,001	1,086,878	8.7	1980	497,291	386,171	883,462	7.1
1981	694,871	543,221		8.8	1981	564,619		1,006,023	
1982	813,055		1,436,992	8.9	1982	660,167		1,167,049	
1983	846,647		1,518,700	8.7	1983	686,630		1,232,346	
1984	934,182		1,673,814		1984	758,194		1,359,083	
1985	1,028,991		1,830,074	8.5	1985	835,239		1,486,080	
1986	1,118,120		2,001,708	8.3	1986	907,224		1,625,028	
1987	1,210,519		2,184,780	8.3	1987	982,021		1,771,882	
1988	1,318,120		2,378,309		1988	1,070,503		1,930,780	
1989	1,484,181	1,161,596		7.9	1989	1,205,892		2,150,047	6.4
1990		1,233,113		7.6	1990		1,002,242		
1991		1,318,522		7.7	1991		1,070,517		6.2
1992	· // •	1,385,656		7.8	1992		1,125,322		
1993		1,457,633		7.9	1993		1,184,225		6.4
1994		1,567,850		7.6	1994		1,274,169		
1995		1,688,116			1995		1,371,447		6.1
	2,22 1,000	_,555,110	-,002,172	7.04	1775	1,020,200	1,0/1,77/	2,772,007	0.1

Table 5-7: Total Value of the Japanese Human Capital by Use of Different Interest Rates (¥ thousand million)

Discount rate = 3 per cent Discount rate = 6 per cent Year Total/GDP Male Female Total Year Male Female Total Total/GDP 1947 72,692 31,711 104,404 79.8 1947 52,385 23,382 75,767 57.9 1948 79,178 34,411 113,589 42.6 1948 56,788 25,289 82,077 30.8 1949 86,136 37,228 123,364 36.6 1949 27,250 61,465 88,715 26.3 1950 93,907 40,475 134,382 34.0 1950 66,676 29,510 96,186 24.4 1951 102,462 44,017 146,478 26.9 1951 72,426 31.978 104,405 19.2 1952 110,237 47,530 157,767 25.2 1952 77,730 34,435 112,166 17.9 1953 119,362 51,430 170,792 24.2 1953 83,942 37,159 121,101 17.21954 128,726 55,635 184,361 23.5 1954 90,271 40,078 130,349 16.6 1955 139,133 60,302 199,435 23.7 1955 97,293 43,312 140,605 16.7 1956 150,006 65,231 215,237 22.8 1956 104,690 46,733 151,422 16.0 1957 162,013 70,608 232,621 21.4 1957 112,845 50,461 163,306 15.0 1958 174,285 76,542 250,828 21.7 1958 121,128 54,555 175,683 15.2 1959 179,441 80,230 259,671 19.7 1959 124,743 57,078 181,822 13.8 1960 198,599 87,491 286,090 17.9 1960 138,148 62,309 200,457 12.5 1961 217,977 96,180 314,157 16.3 1961 152,168 68,690 220,858 11.4 1962 240,262 116,150 356,412 16.3 1962 168,820 82,831 251,651 11.5 1963 278,398 132,971 411,369 16.4 1963 289,256 194,586 94,670 11.5 1964 305,923 141,255 447,178 15.2 1964 214,228 100,805 315,033 10.7 1965 357,447 169,860 527,307 16.1 1965 249,932 121,058 370,990 11.3 1966 387,480 187,841 575,321 15.1 1966 271,542 133,817 405,359 10.6 1967 418,961 202,731 621,692 13.9 1967 294,445 144,516 438,961 9.8 748,973 1968 503,301 245,672 14.2 1968 354,478 175,284 529,762 10.0 1969 573,497 279,025 852,522 13.7 1969 404,986 199,240 604,226 9.7 1970 688,792 348,534 1,037,326 14.1 1970 487,215 248,965 736,179 10.0 780,991 1971 397,128 1,178,119 14.6 1971 554,088 284,884 838,972 10.4 1972 883,065 454,608 1,337,673 14.5 628,218 1972 326,279 954,497 10.3 1973 1,084,275 592,740 1,677,015 14.9 1973 771,204 425,041 1,196,245 10.6 1,360,413 1974 758,327 2,118,741 15.8 1974 969,122 544,851 1,513,973 11.3 1975 1,544,301 900,587 2,444,888 16.5 1975 1,101,548 648,141 1,749,689 11.8 1976 1,686,336 919,081 2,605,417 15.6 1976 1,210,473 662,882 1,873,356 11.2 1977 1,852,574 1,023,280 2,875,855 15.5 1977 1,331,007 737,443 2,068,450 11.1 1978 1,969,089 1,099,890 3,068,979 15.0 1978 1,414,965 792,739 2,207,704 10.8 1979 2,078,513 3,236,411 1,157,898 14.6 1979 1,496,454 835,569 2,332,024 10.5 1980 2,101,754 1,205,475 1,511,759 3,307,229 13.8 1980 870,036 2,381,795 9.9 1981 2,395,272 1,342,577 3,737,849 14.5 1981 1,725,899 969,319 2,695,218 10.4 1982 2,382,970 1,365,000 3,747,970 13.9 1982 1,716,946 988,346 2,705,291 10.0 1983 2,483,321 1,410,613 3,893,934 13.8 1983 1,787,039 1,022,019 2,809,058 10.0 2,602,129 1984 1,463,258 4,065,387 13.5 1984 1,871,542 1,060,627 2,932,170 9.8 1985 2,672,335 1,569,413 4,241,748 13.2 1985 1,925,951 1,136,785 3,062,736 9.6 1986 2,758,642 4,383,223 1,624,581 13.1 1986 1,986,353 1,176,227 3,162,580 9.4 1987 2,809,681 1,700,976 4,510,658 12.9 1987 2,021,961 1,230,277 3,252,239 9.3 1988 2,924,136 1,750,308 4,674,444 12.5 1988 2,102,201 1,265,931 3,368,132 9.0 1989 3,095,742 1,838,630 4,934,372 12.3 1,330,407 1989 2,224,951 3,555,358 8.9 1990 3,204,703 1,963,690 5,168,393 12.0 1990 2,309,877 1,420,486 3,730,363 8.7 1991 3,507,371 2,063,357 5,570,729 12.2 1991 2,519,982 1,494,595 4,014,576 8.8 1992 3,632,819 2,140,985 5,773,804 12.3 1992 2,611,660 1,554,515 4,166,175 8.8 1993 3,890,547 2,245,017 6,135,565 12.9 1993 2,802,262 1,632,187 4,434,448 9.3 1994 3,906,984 2,289,988 6,196,973 12.9 1994 2,815,705 1,665,733 4,481,438 9.4 1995 3,925,748 2,296,437 6,222,186 12.9 1995 2,829,292 1,672,403 4,501,695

	iscount rate				Di	scount rate	= 12 per cen	ıt	
Year	Male	Female	Total	Total/GDP	Year	Male	Female	Total	Total/GDP
1947	40,532	18,431	58,963	45.0	1947	33,013	15,236	48,249	36.9
1948	43,788	19,890	63,678	23.9	1948	35,578	2-11-11-11-11-11-11-11-11-11-11-11-11-11		19.5
1949	47,220	21,371	68,591	20.3	1949	38,265			16.6
1950	51,039	23,079	74,118	18.8	1950	41,251	18,973		15.3
1951	55,261	24,946	80,207	14.7	1951	44,559		12 1	11.9
1952	59,202	26,812	86,015	13.7	1952	47,677			11.1
1953	63,813	28,877	92,690	13.1	1953	51,321	23,634		10.6
1954	68,486	31,083	99,569	12.7	1954	55,001	25,403		10.3
1955	73,665	33,524	107,190	12.8	1955	59,076	27,361	VALUE 2007 CONT.	10.3
1956	79,159	36,111		12.2	1956	63,423		0.00	9.8
1957	85,212	38,930		11.4	1957	68,210	31,702		9.2
1958	91,334	42,014	133,348	11.5	1958	73,038			9.3
1959	94,073	43,896	137,969	10.5	1959	75,236			8.4
1960	104,220	47,957		9.5	1960	83,369	38,994	4.5000000000000000000000000000000000000	7.6
1961	115,026	52,946		8.7	1961	92,121	43,083		7.0
1962	128,197	63,781	191,978	8.8	1962	102,985	51,863		7.1
1963	147,249	72,821	220,070	8.8	1963	118,030	59,173	C 770 - 1 3 C 7 C 7 C 7	7.1
1964	162,370	77,703		8.2	1964	130,314	63,250		6.6
1965	189,165	93,208		8.6	1965	151,640	75,800	227,440	6.9
1966	205,857	102,998		8,1	1966	165,215	83,747		6.5
1967	223,625	111,295	The state of the s	7.5	1967	179,680	90,536	61	6.1
1968	269,615	135,066	404,682	7.7	1968	216,853	109,911	326,763	6.2
1969	308,599	153,647		7.4	1969	248,525	125,121	373,646	6.0
1970	371,695	191,995		7.7	1970	299,586	156,330	455,916	6.2
1971	423,641	220,347	643,988	8.0	1971	341,998	179,787		6.5
1972	481,262	252,487	733,749	7.9	1972	389,059	206,102		6.4
1973	590,718	328,502	919,220	8.2	1973	477,500	267,817		6.6
1974	743,127	421,659	1,164,786	8.7	1974	601,149	344,074		7.0
1975	845,323	502,031	1,347,354	9.1	1975	684,136	409,827		7.4
1976	933,130	514,585	1,447,715	8.7	1976	757,631	420,899		7.1
1977	1,026,724	572,140	1,598,864	8.6	1977	834,015	467,770		7.0
1978	1,091,801	615,091	1,706,893	8.4	1978	887,138		1,390,051	6.8
1979	1,156,320	648,852	1,805,172	8.1	1979	940,546		1,471,343	6.6
1980	1,167,409	675,656		7.7	1980	949,157		1,501,881	6.3
1981	1,334,650	250000000000000000000000000000000000000	2,087,623	8.1	1981	1,086,332		1,702,433	6.6
1982	1,327,943		2,097,349	7.8	1982	1,081,118		1,711,635	6.3
1983	1,381,397	796,081		7.7	1983	1,124,421		1,777,110	6.3
1984	1,446,457		2,272,921	7.6	1984	1,177,381		1,855,185	6.2
1985	1,490,762		2,376,118	7.4	1985	1,214,814		1,940,631	6.1
1986	1,536,907		2,452,846	7.3	1986	1,252,263		2,003,134	6.0
1987	1,564,169		2,521,614	7.2	1987	1,274,498	784,597		5.9
1988	1,625,454		2,610,756	7.0	1988	1,324,174	807,551	the second contract of the second	5.7
1989	1,720,310		2,756,183	6.9	1989	1,401,585	849,243		5.6
1990	1,789,535	10 (0.10) (0.10) (1.10) (1.10)	2,895,382	6.7	1990	1,460,049		2,366,574	5.5
1991		1,164,728		6.8	1991	1,587,985		2,543,546	5.5
1992		1,213,305		6.9	1992	1,647,315		2,643,776	5.6
1993		1,275,192		7.2	1993	1,772,040		2,820,113	5.9
1994		1,301,916		7.3	1994	1,782,192		2,852,563	6.0
1995		1,308,141		7.2	1995		1,076,051		5.9
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-1112	- 10011007	1.2	1775	1,771,600	1,070,001	2,007,310	5.9

Next, we can compare the value of human capital in Australia and Japan by examining the ratio of the value of human capital to GDP. The annual estimates of those ratios have already been

shown in the last columns in Table 5-4 to Table 5-7 but for convenience, we summarize all the estimates together in Table 5-8.

For the period of observation and using 3.75 per cent as a discount rate, the ratio of human capital to GDP in Australia has been on a decreasing trend and, in 1951, the ratio fell to its lowest point of 12.2. After 1952 the ratio returned to 14.6 and then, with erratic movements, fell to the present level of 12.5. In the case of Japan and using our selected discount rate of 5.84 per cent, the ratio also decreased from 1947 to 1992, accompanied by some fluctuations. During the period of observation the lowest point was 8.8 in 1990 and the highest point is 58.8 in 1947 (although the data from 1947 to 1950 seem anomalous, perhaps because recorded GDP was unusually low, perhaps in turn due to the exigencies of war). After 1993 the ratio has remained steady.

To describe the major characteristics of these ratios for the whole period, we employ the statistical measures of median, mean and standard deviation as is shown at the bottom of Table 5-8. When we apply the selected discount rates to estimate the value of human capital, the median ratio in Australia is 13.7 and that in Japan is 10.8, but the mean ratios in Australia and Japan become 13.8 and 13.6 respectively, i.e., the mean ratios in the two countries are very similar. However, as we have some doubts about the data quality of GDP in the early years after 1947, we can recalculate the statistical measures, excluding the period from 1947 to 1950. Then, the new median and the new mean become 10.7 and 11.6 respectively (The values of other statistical measures are shown in Table 5-8). Hence, we cannot say that the means in the two countries are close. On the other hand, when we use the same hypothetical interest rate to estimate the value of human capital in the two countries, the magnitude of median ratio changes and become very similar again, e.g., in the case of 3 per cent, the median ratios in Australia and Japan are almost identical at 15.0 and 14.6 (1951~95) respectively. Furthermore, in the case of 6, 9, and 12 per cent (1951~95), the median ratios in Australia and Japan become 10.8 and 10.5; 8.4 and 8.1; 6.9 and

6.6, respectively. These ratios, while not identical, are very similar to each other. The same does not seem to be true for mean values, which are similar only in the case of 9 per cent and 12 per cent per annum discount rates.

Mean and median are the statistical measures that represent the middle of the data range. The fact that they are close suggests that there is a central ratio of the value of human capital to GDP at any given discount rate. Using the selected interest rate which construct Table 5-8, we can calculate that the mean ratio in Australia is 13.8 and the standard deviation is 0.76, i.e., the ratio moves normally within the range:

=
$$13.8 \pm 0.76 \rightarrow 13.04$$

To the extent that this is a valid indication of normal values, we may say that, after 1990 (and except for 1993) Australia has been faced with an unusual situation in which the value of human capital has declined outside its normal bounds in relation to GDP.

While we cannot utilize the Japanese mean and standard deviation for the whole period because of data quality problems we have already mentioned, if we use the mean and standard deviation based on the data from 1951 to 1995, we can also estimate the average as

$$= 11.6 \pm 2.78 \rightarrow 8.82$$

According to this calculation, Japan's value of human capital has continued to move within a normal range in relation to GDP.

Table 5-8: Ratio of the Value of Human Capital to GDP

Year	3.75%	5.84%	Discount	rate =3%	Discount 1	rate =6%	Discount 1	rate =9%	Discount rat	e = 12%
	Australia	Japan	Australia	Japan	Australia	Japan	Australia	Japan	Australia	Japan
1947	14.7	58.8	16.0	79.8	11.6	57.9	9.0	45.0	7.4	36.9
1948	14.2	31.3	15.5	42.6	11.2	30.8	8.7	23.9	7.2	19.
1949	13.6	26.7	14.8	36.6	10.7	26.3	8.4	20.3	6.9	16.0
1950	13.3	24.8	14.5	34.0	10.5	24.4	8.2	18.8	6.7	15.3
1951	12.2	19.5	13.3	26.9	9.6	19.2	7.5	14.7	6.2	11.9
1952	14.6	18.2	15.9	25.2	11.5	17.9	9.0	13.7	7.4	11.3
1953	13.8	17.4	15.0	24.2	10.9	17.2	8.5	13.1	7.0	10.0
1954	13.4	16.9	14.7	23.5	10.6	16.6	8.3	12.7	6.8	10.3
1955	13.6	17.0	14.8	23.7	10.8	16.7	8.4	12.8	6.9	10,3
1956	13.5	16.3	14.8	22.8	10.7	16.0	8.3	12.2	6.8	9.8

1000		1 5/2/21		r -22 i			r			
1957	13.7									
1958	14.1								6.0	
1959	13.7		15.0				1			0.0000000000000000000000000000000000000
1960	13.8						1797770	The second second	E 55	
1961 1962	13.7	= 2000	15.0				E. There's and			
1962	14.0 13.6	1 0 00					56.000 (24.00)			
1964	13.3									
1965	13.3				10.5 10.5					
1966	13.3			1	10.5					
1967	13.3		14.5						r con	
1968	13.4									
1969	13.1		14.3							1,000
1970	13.2			100	10.4		10A T (100)			6.0
1971	13.7									
1972	14.2			1 (4.7)						6.4
1973	14.2									
1974	14.8									
1975	15.5		17.0						7.6	
1976	15.1	11.4	16.5							
1977	14.7		16.2				8.9		75.0	
1978	15.3		16.8		12.0				11.50	
1979	14.7	0.000	16.1	14.6			1		7.2	
1980	14.5		15.9		100					6.3
1981	14.6	10.6	16.0	14.5					7.1	6.6
1982	14.9	10.2	16.3		11.6					
1983	14,6	10.1	16.0	13.8					7.1	6.3
1984	14.2	9.9	15.6	13.5	11.1	9.8	8.6	7.6		
1985	14.1	9.7	15.4	13.2	11.0	9.6	8.5	7.4		
1986	13.8		15.1	13.1	10.8	9.4	8.3	7.3	6.7	6.0
1987	13.8		15.1	12.9	10.7	9.3	8.3	7.2	6.7	
1988	13.3		14.6	2012.0				7.0	6.5	5.7
1989	13.1	9.0	14.3						6.4	
1990	12.6		13.9		9.9				6.2	
1991	12.7		14.0	12.2						
1992	12.9		14.1	12.3					6.3	
1993	13.1		14.3			10000			6.4	
1994	12.5			(APS 915)		170.0	2402			6.0
1995	12.5	9.5	13.7	12.9	9.8	9.3	7.6	7.2	6.1	5.9
Max	15.5		17.0	79.8			9.4	1	7.6	36.9
Min	12.2						7.5	6.7	6.1	5.5
Median	13.7		15.0		10.8				6,9	6.6
Mean	13.8		15.1	18.7	10.8	13.4	8.4	10.3	6.8	8.4
S.D.	0.76	8.12	0.85	11.04	0.59	7.99	0.45	6.21	0.37	5.08
		1951~95		1951~95		1951~95		1951~95		1951~95
Max		19.5		26.9		19.2		14.7		11.9
Min		8.8		12.0		8.7		6.7		5.5
Median		10.7		14.6		10.5		8.1		6.6
Mean		11.6		16.1		11.5		8.8		7.1
S.D.		2.78		3.95		2.74		2.06		1.64

Note: S.D. is the standard deviation.

Finally we look at the growth the value of human capital for some selected ages (15, 17, 22, 27, 32, 37, 42, 47, 52, 57, and 62). The

value of human capital by each age is shown in Tables B-28, B-29, C-25, and C-26 of the Statistical Appendices.

Figures from 5-19 to 5-22 are schematized by using index numbers. The indexes are computed at eight yearly intervals from the base of the value of human capital for males or females aged 15 in years. Firstly, Figure 5-19 indicates the progress of male human capital in Australia. The Figures tells us that the peak value of human capital obtains in a person's youth. For example, during the period of observation the age group giving the peak value of human capital in Australia and Japan is as follows:

Males in Australia

-			1111111111					
L	Year	1947	1955	1963	1971	1979	1987	1995
	Age	21	29	16	24	18	26	23

Males in Japan

		· IOLICO 1	Jupu	**				
1	Year	1947	1955	1963	1971	1979	1987	1995
	Age	20	23	18	22	31	37	46

Females in Australia

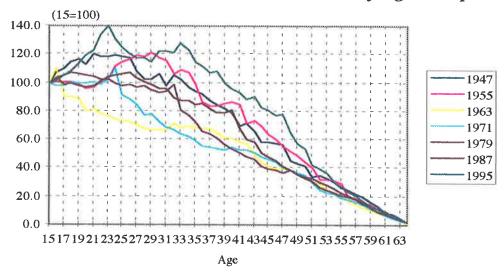
	T CITICICO I	II I KOO	crocito				
Year	1947	1955	1963	1971	1979	1987	1995
Age	21, 22, 24	29	16	24	18	26	23

Females in Japan

14		CALIMIC	o III Ju	Pull				
	Year	1947	1955	1963	1971	1979	1987	1995
	Age	16	19	17	22	31	37	22

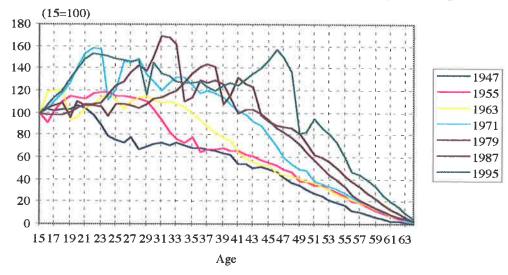
From the above tables, we find that there has been an oscillating tendency in the peak age, i.e., in 1947 the peak value of human capital occurs for males aged 20 or 21 years and for females aged 16, 21, 22 or 24 years. After that, the age giving the peak value gets older and reaches its maximum before declining thereafter. However, this oscillation is not evident in all cases: the case of males in Japan is an exception. As the table shows, the peak value of human capital for Japanese males peaks at older and older ages. This tendency is inversely related to the youthfulness of the population and we may say, that the situation in Japan reflects the decreasing proportion of youthful males in the population.

Figure 5-19: Human Capital of Australian Male by Age Group



Source: B-28.

Figure 5-20: Human Capital of Japanese Male by Age Group

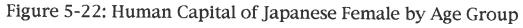


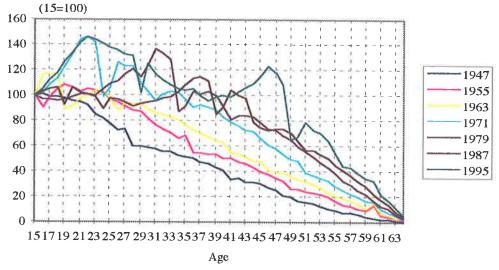
Source: C-25.

(15=100)140.0 120.0 1947 100.0 1955 80.0 1963 1971 60.0 1979 1987 40.0 1995 20.0 0.0 15171921232527293133353739414345474951535557596163Age

Figure 5-21: Human Capital of Australian Female by Age Group

Source: B-29.





Source: C-26.

The following four Tables from 5-9 to 5-12 indicate the growth of human capital for selected ages group from 1947 to 1995. The index is set by the value of each selected age group in 1947 and from its changes we can indicate the pace by which a selected age group has been expanding its human capital. For example, from Table 5-9, which shows the growth of male groups in Australia, the largest index in 1995 is 14,112 for the 47 age group. However, the index for this age group ranked lowest in both 1979 and 1987. This then indicates the pattern of growth and show

that this age group has expanded the value of its human capital most quickly during the period from 1987 to 1995. The Table also shows the ranking for other selected age groups. It indicates that, for some male age groups, a low ranking in early years is associated with a high rank in 1995. However, the opposite trend is evident in other groups.

It might be that this pattern of change is partly explained by Australia's system of compulsory wage arbitration awards to which we referred earlier. However, the relationship is likely to be complex and outside the immediate scope of this study.

Table 5-9: Growth of Male Human Capital by Age Group: Australia (1947=100)

		2711	100)								
Year	15	17	22	27	32	37	42	47	52	57	62
1995	10,096	9,668	11,440	10,929	11,651	12,315	12,477	14,112	11,443	9,410	9,160
(Ranking)	8	9	6	7	4	3	2	1	5	10	11
1987	7,950	7,172	6,742	7,577	6,737	7,431	6,762	5,861	5,879	6,409	7,075
(Ranking)	1	4	7	2	8	3	6	11	10	9	5
1979	3,815	3,652	3,304	3,424	3,570	2,770	2,581	2,519	3,251	3,162	3,027
(Ranking)	1	2	5	4	3	9	10	11	6	7	8
1971	1,372	1,224	1,142	1,071	871	846	1,005	990	959	1,013	983
(Ranking)	1	2	3	4	10	11	6	7	9	5	8
1963	673	556	443	439	460	521	545	478	557	450	475
(Ranking)	1	3	10	11	8	5	4	6	2	9	7
1955	289	265	248	320	293	277	290	286	263	248	250
(Ranking)	4	7	10	1	2	6	3	5	8	10	9
1947	100	100	100	100	100	100	100	100	100	100	100

Source: B-28.

Table 5-10 shows the same data for male groups in Japan. It shows that, unlike Australia, male age groups with lower or higher ranking in the early years tends to keep its ranking, with few exceptions. For example, the 42, 47, 52, 57, and 62 age groups have maintained their high rankings for a long time, while the 15, 17, and 22 age groups have remained in the lower ranking. Those facts suggest that in Japan the growth of value of human capital for high age groups tends to greater than for young age groups. We can surmise that this has some relation to the seniority salary system

widely practised in Japan.18

Table 5-10: Growth of Male Human Capital by Age Group: Japan (1947=100)

		エノサノ・	-100)								
Year	15	17	22	27	32	37	42	47	52	57	62
1995	2,734	3,044	4,271	5,171	5,116	5,025	6,659	9,794	9,135	11,058	20,605
(Ranking)	_ 11	10	9	6	7	8	5	3	4	2	1
1987	2,392	2,497	2,589	3,279	3,942	5,109	5,636	5,014	5,607	7,192	10,921
(Ranking)	11	10	9	8	7	5	3	6	4	2	1
1979	1,753	1,687	1,933	3,087	4,126	3,304	3,367	3,481	3,460	3,360	5,665
(Ranking)	11	10	9	8	2	7	5	3	4	6	1
1971	664	717	1,071	1,244	1,186	1,175	1,213	961	925	1,236	2,006
(Ranking)	11	10	7	2	5	6	4	8	9	3	1_
1963	292	344	322	415	452	377	324	312	378	508	857
(Ranking)	11	7	9	4	3	6	8	10	5	2	1
1955	154	153	184	227	179	152	180	180	205	260	403
(Ranking)	9	10	5	3	8	11	6	6	4	2	1
1947	100	100	100	100	100	100	100	100	100	100	100

Source: C-25,

The next two Tables indicate the growth of human capital for female age groups in the two countries. In Australia, we find several features. One is that the ranking for the 32, 37, and 42 age groups has been comparatively high during the whole period of observation (except for 1971 and 1979). The other one is the sharp drop in the ranking of the 15 and 17 age groups, these two groups, particularly the 15 age group, kept its high ranking before 1987 but, in 1995, the ranking drops to near the bottom.

¹⁸ This system bases an employee's rank, salary, and qualifications within an enterprise on the length of service in that company. Wage increases and promotions are also highly dependent on the employee's school background, sex, and type of work. This system can be traced to a period of serious labour shortages during World War I when the Yokosuka Naval Shipyard adopted it as a means of securing enough technical and skilled workers. The seniority system enables employees to benefit from stability of employment: the longer they work at a single company, even at comparatively low wages, the greater their overall remuneration. Employers can benefit from strong worker loyalty and stability and the resultant ease with which they can formulate personnel plans. They suffer, however, from the necessity of carrying along surplus workers and growing inflexibility within their organizations. With the steady increase in numbers of employees in higher age brackets, the pyramidal personnel structure has started to crumble as Japanese corporations begin to suffer from skyrocketing labour costs. The problem will only get worse as the average age of Japan's population continues to grow, putting increasing pressure on companies to place more emphasis on employee ability and less on seniority. (Kodansha International, 1995, pp. 131-132)

Furthermore, the older age groups, such as the 57 and 62 age groups, have maintained almost a fixed ranking from 1947 to 1995.

Table 5-11: Growth of Female Human Capital by Age Group: Australia (1947=100)

Year	15	17	22	27	32	37	42	47	52	57	62
1995	14,046	13,331	15,530	15,330	16,054	17,783	17,897	18,710	14,368	14,326	15,830
(Ranking)	10	11	6	7	4	3	2	1	8	9	5
1987	10,608	9,560	8,895	10,135	9,047	10,266	9,222	7,413	7,031	8,130	9,266
(Ranking)	1	4	8	3	7	2	6	10	11	9	5
1979	4,838	4,690	4,155	4,289	4,285	3,520	3,363	3,079	3,719	4,082	3,985
(Ranking)	1	2	5	3	4	9	10	11	8	6	7
1971	1,400	1,275	1,136	1,047	851	863	1,040	1,005	948	1,056	1,027
(Ranking)	1	2	3	5	11	10	6	8	9	4	7
1963	735	597	461	453	465	560	634	526	576	478	572
(Ranking)	1	3	10	11	9	6	2	7	4	8	5
1955	314	282	246	313	297	312	315	292	249	283	289
(Ranking)	2	9	_ 11	3	5	4	1	6	10	8	7
1947	100	100	100	100	100	100	100	100	100	100	100
Course D 1	0										

Source: B-29.

Finally, we look at the following Table 5-12 that shows the growth in human capital for Japanese females of selected ages. It is clear that, unlike the preceding Tables, 5-12 shows that the ranking for each age group has remained the same, with very few exceptions. This is because the growth rates of human capital among Japanese females have been similar for all ages.

Table 5-12: Growth of Female Human Capital by Age Group: Japan (1947=100)

Year	15	17	22	27	32	37	42	47	52	57	62
1995	3,389	3,855	5,384	6,051	6,850	7,148	10,094	16,097	17,316	20,713	34,803
(Ranking)	11	10	9	8	7	6	_ 5	4	3	2	1
1987	3,015	3,214	3,295	3,842	5,271	7,253	8,760	8,928	12,037	15,938	24,516
(Ranking)	11	10	9	8	7	6	5	4	3	2	1
1979	2,027	1,986	2,226	3,203	4,874	4,313	4,959	5,927	7,344	8,502	12,335
(Ranking)	10	11	9	8	6	7	5	4	3	2	1
1971	717	789	1,138	1,189	1,292	1,389	1,579	1,672	1,856	2,275	3,289
(Ranking)	11	10	9	8	7	6	5	4	3	2	1
1963	299	354	325	376	458	439	460	481	613	701	970
(Ranking)	11	9	10	8	6	7	5	4	3	2	1
1955	149	150	171	185	197	172	205	209	247	279	357
(Ranking)	11	10	9	7	6	8	5	4	3	2	1
1947	100	100	100	100	100	100	100	100	100	100	100

Source: C-26.

5.4 Conclusion

This study aims to examine how human capital was invested in Australia and Japan in the post-war period. There are several studies that emphasize the role of physical capital in the economic development of countries. This study, quite distinct from those previous works, recognizes the special importance of investment in the person and estimates the investment effort made in Australia and Japan. The total value of human capital in the two countries each developed under different cultures is provided for the period 1947 to 1995. The estimate is expected to assist further our understanding of how the economic development and industrialization efforts been promoted in the two countries.

There are two approaches to measure the value of human capital. That is, the capitalized-earnings approach (income approach) and the cost-of-production approach (cost approach). The former is a more direct approach expected to bring more accurate results. In this study, however, the author is forced to employ the latter given the limited availability of the required data and information from published sources. For example, detailed data on costs, on education and maintaining a human being, on an annual and long-term basis are not publicly available in either Australia or Japan.

The capitalized-earnings approach is an alternative approach to the cost approach. It has several drawbacks when employed to estimate the aimed value of human capital invested. I give below some of the reasons why. One drawback is that in this study, the value of human capital is measured at nominal value. The use of nominal value is selected because we aim to estimate the investment made in a long period of over five decades in which the pattern of labour market and employment practices have been altered considerably in both economies. This makes any tasks of formulating an adequate index to deflate wage figures for the whole period very difficult. When a new price index chained to some indices is created, the index numbers can easily become

distorted if one item is much less or much more significant than others.

We should, therefore, argue that the difference between the nominal value and the real value of human capital is interpreted as not only the cause of the inflation, but also the cause of the approach using the estimation. Additional concern lies in the ways that the labour market in Japan is structured. It is important to note that the capitalized-earnings approach assumes that the labour market is at a competitive equilibrium. This is not so. Earlier studies indicate that labour market in Japan is less competitive observing wages and salaries paid often below the level of marginal labour productivity than that in Australia. It is, therefore, expected that the valuation of human capital by the capitalized-earnings approach underestimates Japanese value compared to the Australian.

The following observations may illustrate the imperfect natures of Japanese labour market:

Firstly, there have been special efforts made in Japan to build and maintain an 'equitable society', particularly in the post-war years. This effort has sustained by way of keeping the wage and salary differentials minimal between blue collar (mostly those with middle to high school leavers) and white collar workers (mostly university qualifications). For example, the proportion of the number of university graduates employees with manufacturing industry increased from 23 percent in 1960 to 45 percent in 1995. For females the proportion increased from 3 percent in 1975 to 10 percent in 1995. During the same period the wage and salary differentials between university graduates and blue collar workers for males (which was calculated as the ratio of monthly earnings of university graduates to that of blue collar workers) declined from 1.57 times in 1960 to 1.42 times in 1995. It reached a peak of 1.65 times in 1970, after that the ratio was steady at around 1.42 times. For females the ratio remained steady at around 1.50 times over the period of observation. In addition, in the case of all industries the wage and salary differentials between university graduates and blue collar workers have narrowed considerably. For example, the differentials for males declined from 1.26 times in 1965 to 1.19 times in 1995 and the differentials for females also declined from 1.44 times in 1975 to 1.29 times in 1995 (see Rododaijin Kanboseisaku Chosabu, *Rodotokei Nenpo*, various years).

Secondly, Japanese researchers have long suspected that employees in Japan, particularly white collar educated people, have (up to their mid thirties) customarily accepted salary payments determined at less than their marginal productivity (see Minami¹⁹).

Thirdly, from the perspective of a national economy, for example, the share of wages that is defined as the ratio of compensation of employees to national income measured at factor cost, rose from 50 percent in 1955 to 54 percent in 1970, and after 1975 the share levelled off around 67 or 68 percent in Japan. On the other hand, the share of wages in Australia rose from 65 percent in 1960 to 69 percent in 1970, it reached a peak of 74 percent in 1975, and after 1980 the share levelled off around 70 percent. That is, the difference of the share of wages in total value added between Australia and Japan in 1960 was 15 percent, and after 1965 the difference has narrowed gradually. This indicates that from the period 1970 to 1995 wage earnings grew at a faster rate than national income in Japan but not in Australia. From the period 1970 to 1995 the average growth rates of national income and wages in Japan were 4.6 percent and 5.0 percent respectively, and the average growth rate of wage per employee was 7.1 percent. For Australia the average growth rates of national income, wages, and wage per employee were 10.9 percent, 10.7 percent, and 9.0 percent respectively. The above fact indicates that the relative share of wages in Japan has been controlled at a lower proportion. In other words, the share of corporation income has grown at much faster rate in Japan than in Australia.

¹⁹ Minami, R. (1996), *Nihon no Keizai Haten* (The Economic Development of Japan), Tokyo: Toyo Kezai Shinposha; 2nd ed., p. 224.

Fourthly, the Japanese people are said to put a great deal of effort into investment in human resources, but, alas, it has brought them less reward in terms of wage and salary payments. For example, the recent statistics in Japan (see Keizai Kikaku Cho, Kokumin Keizai Keisan Nenpo, 1998) show that in 1970 the educational expenditure by the Japanese households amounted to \times 10,109 (thousand million, 1990 prices) and the proportion of the educational expenditure to GDP was 5.1 percent, and this proportion rose to 7.5 percent in 1995 (note: the educational expenditure includes the spending on recreation, entertainment, education, and cultural services). For Australia, the same proportion that derived from the data measured at 1989-90 prices, rose from 3.2 percent in 1981 to 4.4 percent in 1995 (see the Australian Bureau of Statistics, Australian National Income, Expenditure and Product, 1997 and other years).

Fifthly, given the observations several studies were generated by economists and economic historians as well as statisticians seeking plausible explanations. They suggested that Japan's unique patterns of employment, management practices and the observed behaviour of working people as possible explanations. There is also the readiness of employees to take part in training programs at work and outside, leading to possible over-supply and under-use of qualified people. Many researchers agree that all above explanatory factors are relevant at various extents as explanations for fewer rewards. Investigations are still promoted by researchers studying the country's economic development record and estimating the production function of the economy. So far, however, the puzzle has not been adequately solved.

Sixthly, in addition, some of personal and social expenditures in both Australia and Japan are designed to increase labour's productive capacities. In 1995 the educational expenditure by the Japanese households was almost ¥35,000 (thousand million, 1990 prices). Since education, recreation, entertainment and cultural

 $^{^{20}\,\}mathrm{For}$ instance, see Koike, K., Ishihara, K., Mouer, R., Shimada, H., Minami, R (1969), Horiuchi, A.

services serve other purposes besides creating productive capacities; not all of their costs can be allocated to increasing productive capacities, although increasing productive capacities is certainly one of their major functions. Medical care and health expenses by households also affect productive capacities, in 1995 totaled ¥28,000 (thousand million, 1990 prices) was expended towards this purpose. The proportion of the sum of educational and health expenditures to GDP in Japan was 13.4 percent, while Australia was expended 8.6 percent in 1995.

In the present national accounting (the SNA), the spending on education and health is regarded exclusively as 'consumption' expenditure and not 'investment' expenditure, but if these expenditures are included in the investment category, Japan is estimated to have spent around 14 percent of GDP. The countervailing amount in Australia in 1995 is estimated at 9 percent. This should be viewed as another reason to suspect that the Japanese value of investment in human capital must be underestimated in comparison with the Australian counterparts.

It is reported that since 1970s more people in Japan have allocated an increasing part of their household disposable income to the purpose of investment in human resources; namely towards education and training for themselves and their family members for gaining satisfaction from leisure and hobby activities, and in search of self development. From a point of skill formation, much of this expenditure can not be regarded as investment aiming to getting a better job or getting a better salary despite the fact such spending in Japan must have contributed towards making them better workers. We observe their expenditures, as such are not reflected by the increase of their wages or incomes directly. The fuller study of Japan's labour market structure, employment systems and labour-management relations and their comparison with Australia is in itself a large task. It is a task beyond the present study that should be explored in the future.

We argue that the estimated results of this study should not be taken to conclude that the Japanese people have made smaller efforts in the accumulation of human capital than their Australian counterparts. The statistical estimates presented in this study must be read carefully taking the special concerns noted above. This study is the first attempt to compare the value of human capital in two countries that have developed under different cultures. A delicate balance needs to be maintained in interpreting cultural data that I have endeavoured to do in this study. I hope the research outcome here will serve as a pioneering effort for future researchers.

5.5 Further research

There are a number of directions for further research that I intend to develop. One of these is to analyse the relation between physical and human capital. The definition of physical capital differs among researchers but if we interpret the definition as widely as possible it approximates common definitions of national wealth. Then, if we use the information on both national wealth and human capital together, we can analyse how they relate to each other from a national, economic point of view. The results of such analysis could provide useful information for us as guides for economic planning or economic policy development.

The first survey on national wealth in Japan was conducted by the Bank of Japan in 1905. This survey has been carried out twelve times to 1970. The national wealth surveys vary considerably in the estimation method, which makes comparison over a long period difficult. However, since 1955, the new annual SNA figures provide closing balance-sheet accounts for the nation which indicate the national wealth of the whole Japanese economy. These would be a useful starting point for a time series of data on national wealth in Japan of similar length to our estimates of human capital.

As for Australia, T. A. Coghlan made the first estimate of private wealth in the 1892 issue of his "Seven colonies of Australasia". After that, G. H. Knibbs (1918), C. H. Wickens, who published the estimates in 1921, 23, 27, and 29, J. M. Garland and R. W. Goldsmith (1959) tried to estimate the national wealth of Australia. After the 1950s, some further research was devoted to estimating the private national wealth in Australia. However, to date, the ABS has not provided the detailed information on national wealth such as is available in Japan. This suggests problems on the Australian side that would need to be solved to support further work in combining estimates of human capital. However, utilizing our estimates of the value of human capital and the information on national wealth for Japan, we can make the following Table 5-21.

The value of human capital is calculated using 5.84 per cent as a discount rate. This value is then used to develop a number of ratios: the ratio of the value of human capital to GDP, the ratio of the value of national wealth to GDP and, particularly, the ratio of human capital to national wealth. Furthermore we are interested in the relationship among those ratios. To reveal them more clearly, we draw Figure 5-23, which shows that two ratios, the ratio of the value of human capital to GDP and the ratio of the value of national wealth to GDP, are in inverse proportion to each other. We look that about eight times are on the borderline between two ratios. If this is true, we may say that human capital and national wealth are in inverse proportion and the borderline is about eight times. Naturally, we cannot yet explore this apparent association but it would seem to suggest the value of further international comparative research that I hope to undertake in future.

Table 5-13: Human Capital and National Wealth (¥ thousand million)

Table 5-	15: Human C		ational wea	till (# tilouse	
Year	Human capital	Human capital	National Wealth	National Wealth	Human capital
		÷ GDP		÷ GDP	÷ National Wealth
1954	132,493	16.9	30,182.2	3.9	4.4
1955	142,936	17.0	32,704.8	3.9	4.4
1956	153,947	16.3	37,102.8		4.1
1957	166,044	15.3	40,481.4	3.7	4.1
1958	178,647	15.5	43,752.0	3.8	4.1
1959	184,891	14.0	49,584.0	3.8	3.7
1960	203,835	12.7	59,819.7	3.7	3.4
1961	224,551	11.6	72,297.1	3.7	3.1
1962	255,809	11.7	83,460.9	3.8	
1963	294,088	11.7	92,923.7	3.7	3.2
1964	320,265	10.9	107,292.5	3.6	
1965	377,177	11.5	118,028.4		
1966	412,092	10.8			
1967	446,211	10.0	163,842.1	1000	
1968	538,470	10.2	197,671.3		
1969	614,101		241,682.8	1	
1970	748,168	10.2		92.9	
1971	852,501	10.6			
1972	969,799				
1973	1,215,448	10.8			
1974	1,538,156			The state of the s	
1975	1,777,525	12.0		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
1976	1,902,740	11.4		10.00	
1977	2,100,863	11,3			
1978	2,242,274				
1979	2,368,361				
1980	2,418,963				
1981	2,737,115				
1982	2,747,199				
1983	2,852,621				
1984	2,977,654	1			
1985	3,110,086		100000000000000000000000000000000000000		
1986	3,211,556				1.00
1987	3,302,686				
1988	3,420,457				
1989	3,610,579				
1990	3,788,010				
1991	4,076,869				1.2
1992	4,230,580				
1993	4,502,65				
1994	4,550,238				7 1.4
1995	4,570,708	9	3,191,663.	6.0	6 1.4

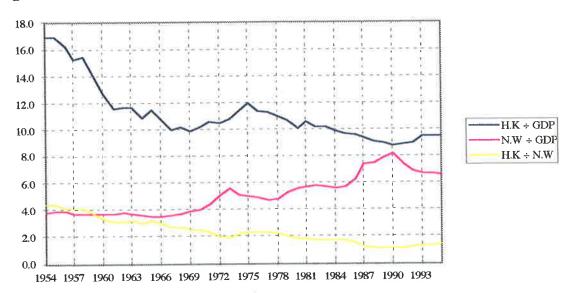


Figure 5-23: Ratios Related to Human Capital and National Wealth

A further research direction is to estimate the value of human capital using a cost accounting approach. The value of human capital estimated by using an income approach is one-sided and might distort our understanding of human capital investment decisions. It might be, for example, that lifetime earnings are more the result of innate ability than of investment decisions. For this and other reasons previously discussed it would be preferable to make estimates of human capital using both the income and cost approach. In Japan, government has provided continuous information on educational expenditure since 1949, which can be useful as an estimate of cost of investment in human capital.

For Australia, the information on educational expenditure appears to be more limited. Annual data on educational expenditure by sector are obtainable for earlier years from the *Official Year Book of the Commonwealth of Australia*, by Commonwealth Bureau of Census and for later years from the Statistics, and *Year Book Australia*, by the ABS. The information on educational expenditure in the government sector is obtainable from 1917 and, in the private sector, from 1962. But there are some data limitations and problems with comparability between States. Similarly, difficulties exist with cost data for Australian Universities.

Other research possibilities exist. For example, one is to evaluate the contribution of immigrants in the total value of human capital. This has become an increasingly important matter in Japan where severe shortages of labour triggered by the economic boom of the late 1980s have attracted a large influx of male foreign workers, mostly from Asian countries. The revision of the Immigration Control Law also extended the right of long-term residence to descendants of Japanese emigrants and removed restrictions on their ability to work in Japan. Many Brazilians of Japanese descent have sought to take advantage of this change in the law. Aside from the approximately 80,000 foreigners who are legally employed each year, there are also many foreigners who enter the country on a tourist or student visa and who work illegally.

Under these circumstances, it is increasingly important for Japan to evaluate the role of foreign workers. But Japan has little useful information on foreign workers concerning their age distribution, their educational backgrounds and so on. By contrast, in Australia where immigration has long been important, such useful information already exists and a comparative study of the role of immigrants in the two countries would provide interesting information.

In addition to these immediately apparent directions for future research, further consideration of some of the matters raised here, such as the comparative growth rates of male and female human capital, provide further interesting possibilities. In short, the estimation of human capital raises many interesting and important issues and this thesis has attempted to progress our understanding of them by making some initial, comparable estimates.

Statistical appendix

Statistical appendices demonstrate the background statistics based on my thesis. The characteristics of those data have already explained in Chapter 4, then the following Tables only show the figures and their sources. In each Table, actual figures express in black colour, but many Tables include the estimated values. Those values are expressed in red figures estimated using the geometric mean. For example, a Table likes Table 1, we assume that A_2 , A_3 , and A_4 can calculate using the geometric mean of the period between 1948 and 1952. That is, if the geometric mean is r_1 , each value of A_2 , A_3 , A_4 is given by the next equations.

$$A_2 = W(1+r_1), A_3 = A_2(1+r_1), A_4 = A_3(1+r_1)$$

where W, X, Y, and Z are actual values.

We also assume that A_1 can compute its value using the equation, $A_1 = W \div (1+r)$ and furthermore, values of A_6 , A_7 , and A_8 are able to acquire using the geometric mean of the period between 1990 and 1992, that is, if the geometric mean of this period is r_2 ,

$$A_6 = Z(1+r_2), A_7 = A_6(1+r_2), A_8 = A_7(1+r_2)$$

But a Table likes Table 2, we assume those values of A_5 , A_6 , A_7 , and A_8 can acquire using the growth rate from 1990 to 1991.

Table 1

Γ	1947	1948	1949	1950	1951	1952	1944	1990	1991	1992	1993	1994	1995
	Ai	W	A ₂	A_3	A ₄	X	•••	Y	A_5	Z	A_6	A ₇	A ₈

Table 2

1947	1948	1949	1950	1951	1952	187	1990	1991	1992	1993	1994	1995
A_1	W	A ₂	A_3	A ₄	X	4564	Y	Z	A_5	A_6	A_7	A ₈
1												

In the case of Table 3, we assume that values of A_1 , A_2 , A_3 , ..., D_1 , D_2 , D_3 , ..., can acquire using the annual growth rate of total value. Because of the limitation of data, from 1947 to 1963 we only use the annual total value. Therefore, if the growth rate of total value from 1964 to 1965 is r, we estimate each value in 1964 using the following equations.

$$A_{18} = A \div (1+r), B_{18} = B \div (1+r), C_{18} = C \div (1+r), \cdots, D_{18} = D \div (1+r)$$

As we repeat the same procedure, finally we compute the each value of the second row, that is, the values in 1947.

Table 3

Age	15	16	17	***	64	Total
1947	A_1	B_{l}	C_1	195	D_1	V
1948	A_2	B_2	C ₂	***	D_2	W
1949	A_3	B_3	C_3	***	D_3	X
	,					
		.]				
1964	A ₁₈	B ₁₈	C ₁₈	5950	D_{18}	Y
1965	Α	В	C	9901	D	Z

Statistical appendix A: Background data of Chapter 1

The Background data of Australia shown in Table A-1 and Table A-2, which are collected from following sources:

- (1) The Australian Bureau of Statistics, Australian National Accounts: National Income, Expenditure and Product 1992-93 (5204.0), 1994.
- (2) The Australian Bureau of Statistics, *Australian Economic Indicators* (1350.0), August, 1997.
- (3) W. E. Norton and C. P. Aylmer, Australian Economic Statistics 1949-50 to 1986-87: I Tables, 1988.

The Japanese data shown in Table A-3 and Table A-4, which are collected from following sources:

- (1) Keizai Kikaku Cho (the Economic Planning Agency), Kokumin Keizai Keisan Nenpo (Annual Report on National Accounts), 1997.
- (2) Somucho Tokei Kyoku (the Statistics Bureau, Management and Coordination Agency), Nihon Tokei Nenkan (Japan Statistical Yearbook), Various Years.

Table A-1: Growth of Private Demand, Labour and Capital: Australia

able A-1	Growth of Pri	ivate Demand,	Labour and V	apitai: Austra	ша	
Year	Y	ΔY/Y	L	ΔL/L	K	$\Delta K/K$
	= private					
	demand					
	(\$ million. At avera	ge 1979~80 prices)			(\$ million. At average	ge 1979~80 prices)
1969~70	65,546		8,039,341		127,850	
1970~71	69,828	0.065	8,414,020	0.047	136,136	0.06
1971~72	73,460	0.052	8,457,442	0.005	144,996	0.06
1972~73	77,350	0.053	8,371,515	-0.010	153,587	0.05
1973~74	80,228	0.037	8,628,628	0.031	162,139	0.05
1974~75	79,836	-0.005	8,306,981	-0.037	170,837	0.05
1975~76	81,346	0.019	8,079,969	-0.027	176,650	0.03
1976~77	84,087	0.034	7,995,314	-0.010	183,351	0.03
1977~78	84,278	0.002	7,893,282	-0.013	190,325	0.03
1978~79	89,458	0.061	8,227,562	0.042	196,544	0.03
1979~80	91,122	0.019	8,231,102	0.000	203,949	0.03
1980~81	93,868	0.030	8,182,440	-0.006	211,137	0.03
1981~82	95,685	0.019	7,868,944	-0.038	220,564	0.04
1982~83	93,621	-0.022	7,416,347	-0.058	230,728	0.04
1983~84	99,280		7,464,967	0.007		
	(\$ million. At avera	ge 1989~90 prices)			(\$ million. At avera	ge 1989~90 prices
1984~85	235,098		7,904,801	0.059	572,307	
1985~86	242,400	0.031	8,433,894	0.067	592,794	
1986~87	248,497	0.025	8,822,169	0.046	613,390	0.03
1987~88	267,467	0.076	9,414,208	0.067	632,037	0.03
1988~89	280,937	0.050	10,535,075	0.119	656,675	
1989~90	286,949	0.021	91 25		688,387	0.04
1990~91	283,469	-0.012	10,651,576	-0.025	715,235	0.03

3	1991~92	283,200	-0.001	9,972,338	-0.064	733,473	0.025
	1992~93	295,534	0.044	10,177,081	0.021	746,762	0.018
	1993~94	314,030	0.063	11,058,130	0.087	764,450	0.024
	1994~95	327,226	0.042	11,489,140	0.039	785,676	0.028
	1995~96	342,383	0.046	11,642,256	0.013	812,015	0.034

Note: Private demand (Y) = GDP - public expenditure

Public expenditure includes final consumption expenditure of government, gross fixed

capital expenditure of public enterprises and general government.

Total net capital stock (K) = dwellings + non-dwelling construction + equipment + real estate transfer expenses.

Employed persons = all persons employed - public administration and defence -

community services - finance, property and business services. But, for the period 1969 to 1973~74

Employed persons = all persons employed - government employees

L = employed persons · weekly hours worked of wage and salary earners · 52.14

Table A-2: Distribution Income of Labour and Capital (\$ million): Australia

Year	Wages	Gross	Total	α	β
	salaries and	operating	income	$=(1) \div (3)$	$=(2) \div (3)$
	supplements	surplus	=(1)+(2)		
	(1)	(2)	(3)		
1969~70	16,172	11,383	27,555	0.59	0.41
1970~71	18,563	12,054	30,617	0.61	0.39
1971~72	20,719	13,487	34,206	0.61	0.39
1972~73	23,139	15,932	39,071	0.59	0.41
1973~74	28,405	18,489	46,894	0.61	0.39
1974~75	36,530	20,327	56,857	0.64	0.36
1975~76	42,071	24,105	66,176	0.64	0.36
1976~77	47,463	27,977	75,440	0.63	0.37
1977~78	52,176	30,157	82,333	0.63	0.37
1978~79	56,095	36,934	93,029	0.60	0.40
1979~80	62,590	42,015	104,605	0.60	0.40
1980~81	72,641	46,155	118,796	0.61	0.39
1981~82	84,214	49,116	133,330	0.63	0.37
1982~83	93,4 2 3	51,706	145,129	0.64	0.36
1983~84	98,943	64,466	163,409	0.61	0.39
1984~85	109,380	72,026	181,406	0.60	0.40
1985~86	120,292	82,369	202,661	0.59	0.41
1986~87	131,405	92,571	223,976	0.59	0.41
1987~88	146,763	96,318	243,081	0.60	0.40
1988~89	163,782	113,312	277,094	0.59	0.41
1989~90	182,329	121,875	304,204	0.60	0.40
1990~91	189,981	120,463	310,444	0.61	0.39
1991~92	193,727	123,384	317,111		1 1
1992~93	200,851	131,880			0.40
1993~94	211,208	140,286	351,494	0.60	0.40
1994~95	224,567	148,179	372,746	0.60	0.40
1995~96	240,162	160,991	401,153	0.60	0.40

Note: Gross operating surplus = total gross operating surplus - gross operating surplus of public enterprises

Total income = wages, salaries and supplements of private employees + gross operating surplus

Table A-3: Growth of Private Demand, Labour and Capital: Japan

Year	Y Y	ΔΥ/Υ	L	ΔL/L	K	ΔK/K
	= private_					
	demand					
	(¥ thousand m	illion.			(¥ thousand m	illion.
	At market pric	es of 1990)			At market pric	es of 1990)
1969	140,781.2		11,491,200		153,879.6	
1970	156,989.6	0.115	11,484,185	-0.001	185,791.3	0.207
1971	161,335.3	0.028	11,440,377	-0.004	215,671.0	0.161
1972	174,633.9	0.082	11,420,817		246,913.6	0.145
1973	192,792.7	0.104	11,554,015	0.012	281,996.4	0.142
1974	189,995.3					0.097
1975	190,652.0	0.003	10,800,293	-0.024	334,014.4	0.079
1976	196,816.3			0.023	357,951.0	0.072
1977	202,771.3					0.061
1978	212,835.9	0.050	11,324,998	0.012	403,077.5	0.061
1979	228,037.4	0.071	11,502,336	0.016	428,225.8	0.062
1980	230,823.7	0.012	11,542,647	0.004	451,393.5	0.054
1981	234,463.6	0.016	11,589,169	0.004	473,620.3	0.049
1982	242,491.3	0.034	11,659,338	0.006	493,544.7	0.042
1983	247,210.8	0.019	11,852,489	0.017	510,472.6	0.034
1984	256,728.0	0.038	12,123,234	0.023	528,998.7	0.03€
1985	270,275.3			1 1		0.039
1986	280,265.5				· ·	0.039
1987	295,778.3			0.008	597,012.2	0.045
1988	320,366.6	0.083	12,312,930	0.012	629,939.8	0.055
1989	341,116.7	0.065	12,378,708	0.005	667,954.2	0.060
1990	360,036.1	0.055	12,379,100	0,000	711,215.0	0.065
1991	370,738.6	0.030	12,415,334	0.003	752,429.2	0.058
1992	367,426.9	-0.009	12,275,970	-0.011	784,334.1	0.042
1993	361,862.1	-0.015	11,955,574	-0.026	805,781.8	0.027
1994	363,558.0	0.005	11,916,973	-0.003	823,208.3	0.022
1995	371,703.7	0.022	11,967,438	0.004	832,352.9	0.011

Note: Private demand (Y) = GDP - public demand

Total net capital stock (K) = non-financial incorporated enterprises + financial institutions + private non-profit institutions serving households + households (including unincorporated enterprises

 $\label{eq:loss_employed} Employed\ \mbox{--government services} \\ L = employed\ \mbox{persons} \cdot \mbox{monthly hours worked of regular workers} \cdot 12$

Table A-4: Distribution Income of Labour and Capital (¥ thousand million): Japan

				The state of the s		
	Year	Wages, salaries	Gross	Total	α	β
1		and supplements	operating	income	$=(1)\div(3)$	$=(2) \div (3)$
		1	surplus	=(1)+(2)		
I		(1)	(2)	(3)		
ı	1969	30,399.6	19,233.7	49,633	0.61	0.39
ı	1970	36,613.7	22,089.2	58,703	0.62	0.38
	1971	43,245.4	21,119.6	64,365	0.67	0.33
	1972	50,376.4	23,907.0	74,283	0.68	0.32
N	1973	62,990.5	28,265.0	91,256	0.69	0.31
	1974	80,963.0	27,775.7	108,739	0.74	0.26
	1975	94,679.3	26,799.9	121,479	0.78	0.22

1976	106,597.4	31,315.7	137,913	0.77	0.23
1977	118,351.5	33,925.2	152,277	0.78	0.22
1978	126,612.7	42,270.1	168,883	0.75	0.25
1979	137,207.6	45,462.2	182,670	0.75	0.25
1980	153,890.8	43,394.2	197,285	0.78	0.22
1981	167,380.8	42,972.6	210,353	0.80	0.20
1982	176,065.0	45,490.7	221,556	0.79	0.21
1983	185,718.4	46,584.6	232,303	0.80	0.20
1984	195,386.7	51,801.9	247,189	0.79	0.21
1985	204,246.5	58,397.4	262,644	0.78	0.22
1986	212,989.4	61,417.6	274,407	0.78	0.22
1987	218,219.4	65,924.2	284,144	0.77	0.23
1988	228,424.5	73,110.3	301,535	0.76	0.24
1989	246,260.8	71,080.7	317,342	0.78	0.22
1990	269,998.3	68,295.2	338,294	0.80	0.20
1991	291,757.6	70,181.7	361,939	0.81	0.19
1992	296,807.6	72,226.4	369,034	0.80	0.20
1993	300,487.2	71,168.3	371,656	0.81	0.19
1994	300,975.7	72,345.5	373,321	0.81	0.19
1995	304,701.1	70,454.2	375,155	0.81	0.19

Note: Gross operating surplus = entrepreneurial income (excluding public enterprises)

Total income = wages, salaries and supplements of private employees + gross operating surplus

Statistical appendix B

Statistical appendix B demonstrates the background statistics based on the estimation of Australia from 1947 to 1995. The characteristics of those data have already explained in chapter 4, then the following Tables only show the figures and their sources, but many Tables include estimated values expressed in red figures.

Table B-1: Male Population by Age (30th June)

			ion by A			1055	1050	1054	1055	1054
Age	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956
15	55,777	54,636	53,519	54,544	57,020	60,529	61,570	63,225	64,550	68,030
16	58,620	Property and the second second	54,339	54,396	55,335	57,749	61,129	61,922	64,116	65,437
17	59,576		56,689	55,509	55,360	56,293	58,442	61,180	63,034	65,127
18	61,581	60,578	59,592	58,076	56,536	56,495	56,913	59,319	62,417	64,225
19	61,970	61,190	60,419	61,094	59,106	57,924	57,074	56,641	60,749	63,938
20	59,340	60,849	62,397	62,207	62,426	60,975	58,654	56,823	58,377	62,789
21	62,987	63,647	64,314	64,647	63,916	64,690	61,768	59,684	58,757	61,003
22	61,928	62,555	63,189	67,130	66,632	66,189	65,383	60,944	61,377	61,185
23	62,247	64,430	66,690	66,500	69,423	68,998	67,064	66,446	62,408	63,341
24	62,988	64,209	65,453	70,432	69,026	72,101	70,100	68,082	68,095	64,534
25	62,818	64,211	65,634	69,329	73,037	71,758	73,126	69,803	70,118	70,483
26	62,910	64,496	66,121	69,613	72,001	75,543	72,740	72,813	71,963	72,506
27	58,610	62,038	65,666	69,987	72,243	74,210	76,479	73,546	74,707	74,082
28	56,114	60,638	65,526	69,212	72,483	74,249	74,945	76,948	75,074	76,496
29	57,045	58,982	60,984	68,875	71,637	74,370	74,863	75,529	78,273	76,609
30	60,064		58,041	63,970	71,296	73,371	74,871	75,665	76,575	79,628
31	56,358	57,456	58,576	60,376	66,119	72,934	73,863	70,829	76,527	77,749
32	61,477		61,641	60,535	62,030	67,655	73,546	74,186	71,742	77,559
33	61,002	The state of the s		63,682	61,906	63,261	68,135	73,981	75,044	72,677
34	58,630	60,955	63,372	60,343	65,126	62,941	63,593	69,577	74,822	75,931
35	58,158		62,833	65,714	61,951	66,113		62,874	70,323	75,714
36	58,484	The state of the s	60,345	65,502	67,379	62,993		62,464		71,126
37	56,970		59,706	62,561	66,843	68,507	63,325	64,024	62,848	64,026
38	56,034		59,902	61,702	64,127	67,904	68,831	66,917		63,307
39	55,663			61,709	63,137	65,088	68,179	69,489		64,765
40	55,882			59,988	62,972	64,037	65,313	70,395	69,812	67,833
41	50,650		1.00	58,706	61,132	63,779	64,217	61,282	70,741	70,216
42	53,480			58,024	59,764	61,893	63,919	65,704		70,925
43	51,239	7				60,456	61,985	64,226	65,955	61,894
44	46,75	O THE REAL PROPERTY AND ADDRESS OF		Total Control of the	2 2	59,461	60,557	61,811	64,380	66,251
45	48,59			54,872	F0.000000-000	59,003	59,508	60,687	61,877	64,602
46	50,48	CONTRACTOR CONTRACTOR	1-0-0000					58,095	60,717	61,957
47	51,17		1 Carlo - 1 Carlo 100	47,444			52,957	56,542	58,046	60,688
48	43,09			200		52,730		56,854	56,378	57,911
49	43,02	100000000000000000000000000000000000000				10.110.000.000.000.000.000		54,527	56,580	56,143
50	43,58							52,727	54,184	56,315
51	38,42			0.00					52,394	53,910
52	42,01									
53	42,13	THE RESERVE AND ADDRESS OF THE PARTY OF THE	The state of the s	500 C C C C C C C C C C C C C C C C C C						43,581
54	41,36		12 200		 100-0 009 (500) 			- 1		47,215
55	38,94									
56	40,93					2 TO 1 TO 1 TO 1 TO 1			The second second	0 11
1 20	1 10,00	-IV,UL	10,000	1 1000	1000	F. 5000 (1000)		601 Co.7.6	ON 78	

									20	-
57	39,831	38,803	37,802	39,768	40,251	39,810	35,921	37,690	39,353	37,762
58	40,403	40,009	39,618	37,264	39,183	39,569	39,176	39,183	37,064	38,716
59	38,811	38,591	38,373	39,009	36,631	38,395	38,830	37,499	38,439	36,370
60	36,768	37,771	38,801	37,638	38,270	35,832	37,554	38,442	36,724	37,758
61	30,224	33,478	37,083	38,035	36,844	37,465	35,008	33,197	37,638	35,973
62	32,508	33,764	35,068	36,302	37,186	35,923	36,572	35,981	32,320	36,818
63	31,100	29,738	28,435	34,207	35,355	36,110	34,919	35,445	35,019	31,353
64	28,557	29,556	30,590	27,477	33,252	34,231	35,016	35,882	34,381	33,961
1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
74,808	73,419	83,276	87,528	89,575	110,556	103,042	103,330	106,312	107,406	109,900
68,688	75,316	73,871	83,848	87,878	90,088	111,157	103,775	104,201	106,480	108,300
66,255	69,342	75,843	74,566	84,179	88,404	90,748	112,028	104,950	103,467	107,800
66,214	67,039	70,126	76,838	75,801	84,926	89,401	92,063	113,807	105,415	104,900
65,579	66,939	68,085	71,690	77,355	76,696	86,361	91,046	93,887	114,080	107,400
65,426	66,187	68,026	70,172	74,022	78,050	78,052	87,944	92,351	. 92,340	116,200
64,410	66,073	67,390	70,274	74,204	74,351	78,985	79,250	89,045	91,282	93,700
62,391	65,004	67,339	69,505	71,691	74,241	74,976	79,809	80,390	89,234	93,000
62,335	62,920	66,202	69,181	71,079	71,580	74,805	75,798	81,167	80,953	91,700
64,610	62,887	64,123	67,936	70,535	71,037	72,378	76,000	77,490	82,900	82,400
65,865	65,172	64,101	65,893	69,234	70,700	72,058	73,797	77,740	79,906	85,200
71,868	66,459	66,390	65,729	67,430	69,463	71,674	73,336	75,322	77,495	80,400
73,871	72,403	67,523	67,757	67,175	67,642	70,302	72,872	74,659	76,248	78,700
75,155	74,285	73,289	68,667	69,111	67,365	68,382	71,322	74,020	75,837	78,200
77,354	75,486	75,068	74,285	69,493	69,286	68,060	69,214	72,278	74,850	76,900
77,426	77,662	76,113	75,981	76,844	69,699	69,907	68,801	69,996	73,752	76,000
80,413	77,736	78,217	76,887	75,304	76,950	70,271	70,527	69,570	68,172	73,700
78,528	80,693	78,277	78,861	77,195			70,855	71,349	69,922	71,200
78,246	78,766	81,186	78,866	78,517	77,224		78,064	71,607	71,881	71,500
73,295	78,557	79,246	81,688	78,315	78,523	 EUROPONIA (CONTECT) 	A The Control of	78,749	71,927	71,900
76,517		78,971	79,682	81,081	78,248		78,136	77,007	78,449	72,700
76,253		73,890	79,412	79,847	81,053	100 100 100 100 100 100 100 100 100 100	79,361	78,760	77,857	78,400
71,572		77,078	74,287	77,061	79,822			79,948		79,000
64,348		76,904	77,431	79,199	2.2			79,602		
63,600		72,127	77,211	78,059			80,406	82,193	5.4041	1 1 1 1 1 1 1 1 1
65,055		64,729	72,316	79,780				80,727	83,107	
68,114			64,867	69,623	200 PMC 1 10 CO 10 CO					
70,452		65,244	63,974	65,502		A CONTRACTOR OF THE PARTY OF	A N. W. C. C. C. C. C.	593, Park 13	20.7	90
71,080		68,304	65,323	64,792				S		
62,030		70,575	68,299	64,276		FE 100 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Last Garriery Chical			The second second second
66,316		71,098	70,516	67,518		Charles Control of	1000 C 3059			Met 999 Sand Co. 1
64,603		61,932	71,013	68,428			The second second			7,30,56
61,944		66,077	61,783	68,344						1000
60,566		64,199	65,845	67,536					1	00000
57,710		5797000000000000	63,877	64,064				61 1		
55,937			61,111	65,434 58,877	The second of the second					
56,013		57,111	59,665 56,648		U.S. 10 (10 (10 (10 (10 (10 (10 (10 (10 (10	5.40(00)17885000	CONT. 20 17 1 10 10 10 10 10 10 10 10 10 10 10 10 1	- Tel Discountry		
53,530						Y 25 C C 11	1 70100000 PROPOR		10000000	and the second of the second
51,729									1	
43,173			54,538 51,969				Section Control of	TOTAL ** NO. 10 A 10	Turning (TOTAL)	
46,754					27	1		and the second	5000	
48,355			and the same of th			000				
49,27	ц 47,034	43,020	41,401	77,023	7,00	1 ,013	I may see			- 13.55.54

1	37,157	48,508	46,913	44,841	45,699	46,245	49,131	49,074	51,220	54,041	54,200
1	38,078	36,436	47,682	45,965	43,451	44,856	45,439	48,208	48,174	50,857	52,200
١	35,662	37.317	35,653	46,716	45,097	42,557	43,948	44,512	47,255	48,378	49,400
1	37,042	34,876	36,607	34,790	42,415	44,130	41,656	43,034	43,603	44,349	47,400
١	35,159	36,179	34,071	35,715	35,870	41,389	43,177	40,622	42,098	43,834	45,100
	35,880	34,172	35,233	33,103	34,185	34,874	40,338	42,022	39,519	40,253	41,300
1	30,307	34,849	33,135	34,174	33,238	33,199	33,776	39,115	40,669	38,776	38,800

1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
113,100	112,973	114,741	118,638	123,204	125,464	129,614	131,456	137,251	135,343	134,297
110,500	113,838	113,817	113,901	121,321	122,725	125,265	129,595	131,532	136,696	135,068
109,000	111,413	114,843	112,918	116,726	121,378	122,322	124,758	129,373	131,533	136,085
108,900	110,405	112,897	114,485	114,838	117,546	121,828	121,737	124,321	129,525	131,859
106,100	110,545	111,983	112,618	116,131	115,826	118,762	121,916	121,222	125,685	129,797
108,700	107,545	112,189	111,651	114,016	117,474	116,797	119,156	121,847	122,703	126,798
117,000	109,956	108,550	111,658	114,775	115,478	118,841	116,171	118,997	122,858	123,661
95,600	119,462	112,260	108,921	115,455	115,775	117,106	118,684	115,520	119,838	123,774
95,600	98,924	122,790	113,386	113,052	116,168	117,069	117,436	118,657	116,729	120,612
93,700	98,376	101,154	122,950	117,510	114,013	117,132	116,976	117,763	119,461	118,027
84,000	95,952	100,234	102,727	126,923	118,001	115,180	117,010	116,885	118,404	120,290
86,700	86,145	97,656	99,939	107,606	127,699	118,932	115,889	116,847	118,433	119,250
82,000	88,620	87,804	96,586	104,177	108,179	128,940	119,488	116,254	117,887	120,118
80,100	83,601	90,094		100,861	104,198	109,298	129,689	119,542	117,083	118,855
79,500	81,801	84,867	91,516	93,779	101,185	104,731	109,707	130,022	120,156	117,895
78,000	80,962	83,062	86,131	93,421	94,134	101,891	104,577	109,771	129,825	120,769
77,100	79,370	82,227	83,459	91,455	93,354	94,753	102,023	103,957	109,495	129,648
74,600	78,444	80,612	82,342	87,196	91,493	93,587	94,892	101,708	104,380	109,268
71,900	75,725	79,643	80,453	85,475	87,499	91,906	93,381	94,583	101,578	104,777
72,200	72,967	76,570	79,391	82,977	85,400	88,158		92,773	94,139	101,537
72,400	73,111	73,742	77,676	81,725	83,576	85,529	88,325	91,570	92,857	93,897
73,300	73,240	73,896	74,295	82,363	82,341	84,426	85,258	88,322	91,647	92,949
78,800	74,061	73,928	74,090	76,683	82,499	83,276		84,678		91,842
79,400	79,633	74,512	74,905	75,394	76,008	82,813	1 10 1 100 100	85,041	84,960	87,213
80,600	80,142	80,090	75,982	77,042	(35.7	75,608		84,006	84,428	
82,200	81,169	80,578	81,361	77,724		17 17		82,599	82,995	83,876
80,400	82,791	81,430	80,696	85,141	77,346		1,000	57	2.7	82,149
82,400	80,734			81,056	1.0000000000000000000000000000000000000	Control of the contro	0.000	76,240	74,064	
80,900	82,589	80,676	83,083	 (2) (2) (3) (4) (4) (4) (4) (4) (4) 	1-100 00 00		THE REPORT OF THE PARTY AND ADDRESS.			
78,400	81,089	82,612			5400 (CH 5757)			N 12-07-77-77-77-77	 1000000000000000000000000000000000000	75,263
78,300	78,431	81,024					1 10 2 10 10 10		75,750	75,799
78,700	78,278	78,263	80,802				.5.5 955.24	COLUMN TO THE REAL PROPERTY.		
78,400	78,520	78,034	77,602							
71,200	78,234	78,152	77,663				1.50			
63,600										
62,200	63,390	70,384			CONTRACTOR CONTRACTOR					
64,200	61,829		Service a						A CONTRACTOR OF THE PARTY OF TH	
64,300	63,783	61,400		100000000000000000000000000000000000000					100000000000000000000000000000000000000	and the second second
66,400		63,149			*** DOM: 0.0	1000000		The second secon	THE RESERVE OF THE RE	Transfer of the Contract of th
64,900	65,640	63,031				1000	1,000			
62,700	64,135	64,803	60,132		1 1					
60,600					2					
57,900	59,778	60,993	61,698	63,052	60,462	61,946	60,527	59,110	66,946	72,305

									920	9
56,400	56,888	58,797	59,478	62,163	61,802	59,934	61,188	59,819	58,210	65,680
53,100	55,334	55,788	56,249	59,546	61,306	60,513	59,233	60,365	58,450	57,258
51,100	52,022	54,031	53,347	56,578	58,330	60,385	59,049	58,432	59,046	57,120
48,300	49,978	50,806	51,017	55,086	55,710	57,081	59,372	57,576	57,503	57,850
46,300	47,213	48,667	48,864	50,039	53,906	54,799	55,659	58,340	56,772	56,569
43,900	45,022	45,820	45,860	48,861	49,046	52,624	53,730	54,234	56,981	55,849
39,900	42,519	43,596	44,152	46,121	47,400	47,980	51,220	52,559	52,888	55,642
1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
132,834	128,084	126,968	128,978	130,981	136,837	138,450	148,503	146,926	140,969	136,892
134,434	132,827	129,114	127,725	129,260	131,368	137,114	139,242	149,078	147,866	142,030
134,883	134,736	133,197	130,039	128,245	129,318	132,021	137,636	140,106	149,863	149,281
135,872	134,991	135,667	134,199	130,773	128,749	129,700	132,824	137,906	141,153	151,034
132,485	135,887	135,833	137,165	135,254	131,584	129,692	130,346	133,744	138,543	142,911
130,443	133,031	136,447	137,600	137,822	135,634	132,184	130,460	131,312	134,651	139,359
127,909	130,645	133,949	138,186	138,208	137,888	136,062	132,623	131,499	132,431	135,618
124,615	128,728	131,430	135,237	138,979	138,626	138,550	137,023	133,327	132,616	133,364
124,760	125,753	130,469	133,101	135,428	139,284	139,538	139,442	138,140	134,130	133,829
121,565	125,887	127,544	131,837	133,644	135,399	140,215	140,874	140,174	139,305	135,039
119,372	122,475	127,727	128,865	132,083	134,018	135,952	141,572	141,636	141,117	140,818
121,212	120,889	124,185	129,517	129,422	132,240	135,178	137,149	143,094	142,843	142,301
119,966	122,382	123,235	125,029	130,348	129,752	132,992	136,711	138,670	145,134	144,150
121,738	121,216	124,215	124,350	124,918	131,092	130,702	134,266	137,364	140,958	147,316
119,547		123,048	125,425	124,659	124,590	132,235	132,059	135,229	138,437	143,156
118,322	120,706	126,094	124,119	125,864	124,436	124,728		133,063	136,609	139,600
121,245	119,191	122,512	127,200	124,277	125,932	124,659	125,206	134,664	134,401	137,969
129,364		120,648	124,122	127,498	124,096	126,296		126,753	135,858	135,743
108,803	129,291	123,091	121,949	124,786	127,378	124,169	~ ~	126,546	128,580	137,288
105,088	108,747	129,908	124,799	122,577	125,006	127,597		127,739	128,264	130,675
101,368	105,264	109,097	131,878	125,683	122,609	125,646	and the second second	125,736	128,835	129,872
93,335	101,352	106,590	110,890	133,165	126,209	122,985	and the second of the second of	129,123	127,101	129,981
92,936	93,018	101,706	107,108	112,175		126,664		127,182	130,660	128,458
92,015	93,112	93,041	103,022	107,086	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	135,043	200 200 200 200 200 200 200 200 200 200	124,992	127,940	131,943
86,696	92,220	93,744	94,346		106,756	114,282	1 Table 2 Care 1 Table 2	128,260	126,439	128,782
85,422	The second secon		94,297	95,262		106,589		135,359	129,174	128,141
83,176			93,353			105,192		116,184	134,828	130,160
81,172							0.55			
80,410		THE STATE OF THE S	86,541			94,651			108,553	117,603
74,303		100000000000000000000000000000000000000	H 1000000 CANONIC			93,226		and the second second	1000	109,682
74,754					100000000000000000000000000000000000000		1900 000 000 000	F	96,645	107,073
75,187				5-6 -6 6-13		00, 000		AND RESERVED TO SERVE SERVED TO SERV		96,422
75,412		3.5				83,142				CONTROL PROGRAMM
81,854								0.0000000000000000000000000000000000000	10000	
79,038					PC 80 4					Control Community
80,180				and the Carlot Day was not a						
81,358	**************************************	1 120000000		ALL DESCRIPTION OF STATE	Same of the Land					83,915
79,41			7 10 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10	And the same of th						
80,85					2000	A TO 14 CO GO CO			1.000.000000	
76,300					The state of the s	100000000000000000000000000000000000000				200000000000000000000000000000000000000
75,570								1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	 ************************************	
74,176									702200219	
72,72										Community (1) (1) (1)
71,21	71,691	72,074	72,947	74,083	76,902	75,803	77,126	76,251	76,298	76,524

1	64.244	70,212	70,618	71,369	72,276	72,816	76,618	75,426	76,418	75,799	75,638
1	56,246	62,822	69,162	70,088	70,543	71,573	71,603	76,196	74,722	75,590	75,280
1	55,734	55,278	61,378	68,390	69,431	69,722	70,947	70,320	75,314	74,009	74,829
1	56,590	54,353	54,339	60,652	67,488	68,723	68,792	70,226	69,607	74,365	73,238
1	55,507	55,304	52,927	53,368	59,741	66,569	67,843	67,829	69,317	68,826	73,376
1	54,906	54,531	54,041	51,957	52,261	58,885	65,501	67,028	66,436	68,340	68,001

1990	1991	1992	1993	1994	1995
133,435	130,302	128,923	128,016	128,389	128,576
137,988	134,460	130,945	129,477	128,588	128,146
143,013	138,828	135,254	131,552	130,185	129,507
150,469	143,609	139,573	135,860	132,328	130,597
152,521	151,574	144,649	140,504	136,872	135,091
144,162	153,276	152,468	145,447	141,514	139,588
139,630	144,650	153,739	152,989	146,070	142,729
136,182	139,358	144,832	153,988	153,467	153,207
133,961	135,961	139,137	144,853	154,234	159,150
134,588	133,879	135,821	139,014	145,128	148,285
135,668	THE RESERVED	133,888	135,669	139,327	141,193
142,069	135,732	134,799	133,732	135,877	136,962
143,390	142,552	135,912	134,817	133,939	133,502
145,269	143,811	143,055	136,139	135,353	134,962
149,434	145,831	144,368	143,244	136,493	133,238
145,030	150,817	146,569	144,562	143,759	143,359
140,168	146,198	151,449	146,747	145,040	144,194
139,066	140,113	146,658	151,399	146,921	144,732
136,718	139,440	140,605	146,616	151,646	154,225
138,171	137,216	139,874	140,674	146,772	149,919
132,262	138,601	137,739	139,908	140,964	141,495
131,214	133,269	139,069	137,723	139,977	141,118
130,488	131,829	133,624	138,947	137,805	137,238
129,326	130,704	131,961	133,516	139,017	141,852
133,002		131,006	131,906	133,487	134,285
129,243	133,659	130,220	130,962	131,943	132,436
129,387	129,227	134,010	130,161	131,012	
130,710	130,034	129,292	133,955	130,147	128,284
133,088	130,677	130,157	129,139	133,946	136,416
118,033	131,541	130,665	130,174	129,102	
110,532	118,028	131,531	130,481	130,112	129,928
107,020	110,939	117,869	131,296		The second secon
95,962	106,530	110,803	117,584	131,081	
96,054	95,189	106,260	110,539	117,313	120,854
93,910	95,812	95,034			
88,748	93,601	95,630	94,719		
87,040	88,348	93,228	95,293	94,494	
83,907	87,242	88,005	92,815		
81,409	83,818	86,83			
79,158	80,753	83,312	86,465		7.7
73,648	78,211	80,305	82,790	100 ACC 100 AC	1
73,388	73,471	77,680			1 122-121 71214
71,954	72,867	72,879			80,400
72,160	71,128	72,24	72,340		
75,779	71,625	70,369	71,733	71,703	71,688

I	74,829	74,917	70,760	69,704	70,915	71,528
l	74,592	73,906	74,008	70,025	68,827	68,236
١	73,865	73,826	72,881	73,130	69,047	67,092
l	72,342	72,838	72,645	71,880	72,033	72,110
١	72.187	71.292	71,571	71,618	70,647	70,166

Sources: Australian Bureau of Statistics, Australian Demography, Bulletin, Various Years.

Australian Bureau of Statistics, Estimated Resident Population by Sex and Age
States and Territories of Australia, Various Years.

Table B-2: Female Population by Age (30th June)

Table D-2. remare ropulation t				uge (so	the June)					
Age	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956
15	53,594	52,531	51,490	53,083	55,017	58,437	58,740	61,252	61,659	65,234
16	57,167	54,533	52,021	52,105	53,640	55,439	58,787	58,954	61,799	62,283
17	57,587	55,850	54,166	52,770	52,655	54,055	55,762	58,413	59,496	62,448
18	59,610	58,671	57,746	54,984	53,339	53,018	54,390	56,291	59,032	60,178
19	61,184	59,650	58,155	58,560	55,615	53,704	53,368	54,574	57,031	59,823
20	59,917	60,102	60,287	59,186	59,329	56,049	54,067	53,801	55,387	57,958
21	61,697	61,863	62,030	61,502	60,118	59,791	56,458	54,938	54,587	56,386
22	62,000	61,452	60,909	63,470	62,562	60,618	60,216	55,743	55,790	55,627
23	61,775	62,306		62,756	64,635	63,163	61,038	61,337	56,722	56,886
24	63,075	63,189	63,304	65,048	64,030	65,317	63,670	62,368	62,353	57,921
25	63,678	63,420	63,164	65,645	66,552	64,805	65,894	63,978	63,365	63,572
26	63,548	63,985	64,425	65,580	67,285	67,408	65,446	66,257	64,957	64,481
27	58,840	61,801	64,910	66,670	67,184	68,163	68,094	66,496	67,273	
28	57,146	60,867	64,831	66,823	68,226	68,082	68,743	69,840	67,483	68,222
29	57,677	58,877	60,101	66,632	68,337	69,139	68,600	69,607	70,793	68,404
30	61,955	60,027	58,159	61,693	68,137	69,225	69,662	70,567	70,517	
31	56,420	57,462	58,524	59,147	63,004	69,061	69,750	67,021	71,404	
32	62,442	62,565	62,689	59,518	60,440	63,908	69,606	70,743		
33	61,516	59,329	57,219	63,605	60,426	61,178	64,362	69,542	71,553	
34	58,234	60,737	63,348	58,188	64,503	61,058		65,732		
35	58,031	60,193		64,416	59,132	65,137				
36	56,469	57,800	59,163	63,495	65,396	59,811		61,849		
37	54,458	56,643	58,915	60,177	64,446	66,099				
38	54,256	55,766	57,319	59,870	61,050	65,110				
39	52,423	53,818			60,676	61,611				
40	52,704	53,814			58,930	61,135		42,000,000	0.00 Med 100 00 10	
41	45,526	49,133			56,702	59,339				200000000000000000000000000000000000000
42	49,768	51,472		53,590	56,111	57,099	1 10 00 100 100 100 100	10		
43	47,021	46,487			54,053	56,474				
44	43,265				54,225	54,367				
45	45,313				46,756	54,468				
46	47,693			1,100	50,683	46,942				
47	49,976	The state of the s		88.000	47,842	50,790				
48	43,122	45,36		1000		47,885				
49	43,243				45,759	43,959				
50	46,624				47,881	45,739				
51	39,257	41,137		100				- CONTRACTOR CONTRACTOR	C. P. C.	100000000000000000000000000000000000000
52	44,150					49,881				
53	44,266									
54	43,176			the same of the same of		43,000				
55	39,940					45,976				
56	41,174	41,862	42,561	43,501	43,322	38,315	45,741	41,479	38,798	50,300

57	39,537	39,416	39,295	42,305	43,296	43,003	38,055	39,705	41,215	38,616
58	39,793	40,130	40,469	38,995	42,037	42,993	42,654	43,441	39,362	41,014
59	38,077	38,396	38,717	40,138	38,701	41,699	42,585	40,449	43,023	39,062
60	39,312	39,119	38,927	38,338	39,753	38,342	41,260	44,855	40,027	42,648
61	30,135	33,474	37,183	38,517	37,958	39,374	37,887	35,982	44,464	39,630
62	33,309	35,776	38,425	36,733	38,149	37,505	38,913	39,780	35,531	44,042
63	32,346	30,708	29,152	37,877	36,234	37,635	36,934	39,651	39,242	35,036
64	29,450	30,794	32,199	28,628	37,339	35,688	36,978	38,427	39,079	38,666
1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
71,350	70,276	80,240	83,588	84,613	104,714	97,982	98,611	101,223	102,934	104,800
65,761	71,783	70,652	80,646	84,207	84,995	105,132	98,509	99,283	101,299	103,800
62,892	66,242	72,261	71,141	80,278	84,662	85,456	105,772	99,226	98,691	103,000
63,245	63,568	67,032	72,936	72,165	80,994	85,419	86,466	107,114	99,947	99,600
61,209	64,137	64,629	67,993	72,856	73,176	82,150	86,792	88,107	108,507	102,000
60,959	62,234	65,308	65,743	69,158	74,009	74,368	83,545	88,085	88,331	110,100
59,148	62,083	63,483	66,353	67,872	70,165	74,878	75,420	84,503	88,778	89,600
57,656	60,390	63,393	64,518	67,136	68,942	70,885	75,700	76,163	85,215	89,400
56,922	58,943	61,726	64,474	65,990	68,295	69,892	71,794	76,632	76,860	87,300
58,208		60,238	62,780	65,768	67,032	69,347	71,001	72,901	78,048	77,100
59,276	The second secon	59,406	61,237	64,330	66,734	68,018	70,523	72,071	74,404	78,800
64,889		60,510	60,383	62,691	65,282	67,620	69,156	71,601	72,883	74,900
65,674		61,347	61,416	61,090	63,539	66,059	68,658	70,230	72,537	73,100
67,045		66,890	62,189	62,784	61,802	64,294	66,939	69,647	71,564	74,200
69,227	1000	67,608	67,712	62,716	63,494	62,511	65,213	67,876	70,341	72,600
69,327		68,768	68,388	70,834	63,446	64,134	63,403	66,029	69,326	72,000
72,500		70,797	69,509	68,360	71,433	64,046	64,928	64,268	64,072	69,100
72,158	2	70,842	71,454	70,030	68,854	72,050	64,805	65,807	65,567	67,500
73,021	100000000000000000000000000000000000000	74,013	71,411	71,297	70,460	69,439	72,773		66,426	66,100
69,41.		73,558	74,543	71,304	71,703	70,980	70,108		66,309	66,800 67,000
73,008		74,252	74,106	75,040	71,672	72,200	71,566	70,833 72,200	72,608 72,198	500
71,738		70,546	74,794	75,400	75,362	72,081	72,752	73,344		73,000
67,633		74,082	71,048	72,463	75,672	75,735 76,021	72,560 76,099	73,120	75,887	73,600
63,01	The second secon	72,741	74,487	75,895	72,715 76,119	73,020	76,388	1200	74,482	75,300
62,860		68,451	73,083 68,735	73,839 77,997	74,138	20 0	73,383	0.000		74,600
63,74			63,743	65,140		9	1.5			
65,78		100000000000000000000000000000000000000	63,389	64,917			0.1	77		
67,26	- A-25-	64,140 66,159	64,164	63,453				51 1		
69,98		67,596	66,175	63,087						75
57,90: 63,07			67,604	65,379				A STATE OF THE PARTY OF THE PAR	The second of the Second Secon	
59,95	4.5%	2 1	70,214	66,820		0.00 (0.00)	1000			The Contract of the Contract o
57,22		22	58,040	65,468						C. C
56,03	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		63,068	64,110	1,500			0.00		
53,43	73		59,818	60,123	100					A
50,82		55,910	57,062	63,642		58				
51,20	Commence of the commence of th		5,632,533,6	53,324			- 20			
48,51			233332	54,494					100	
49,10			and the second	52,590	Unit (100/07) (65-07)				The second of the second of the second	and the second
40,13				51,006			The second secon		Fu-1000000000000000000000000000000000000	940.00 State Late
44,49	A CONTRACTOR OF THE PARTY OF TH			47,666		955			2010/06/05 00 00 00 00	
47,09		The state of the s				1	100000	1000000		57,100
50,08			Variable Control of the Control of t					51,698	51,915	55,000
 =076.97076 		* 0 1/ Recold	500000	-padin =	~		10 15			

									5	- 5	720
ì	38,409	49,780	46,619	43,704	44,190	43,665	46,821	46,941	49,998	52,686	52,600
١	40,781	38,076	49,513	46,166	42,292	43,897	43,407	46,531	46,626	49,071	51,900
1	38,754	40,454	37,791	49,052	48,625	41,963	43,645	42,999	46,178	48,946	48,800
- 1	42,354	38,376	40,139	37,400	43,845	48,164	41,707	43,252	42,690	43,688	46,300
- [39,333	41,910	38,013	39,708	39,342	43,353	47,728	41,328	42,917	44,518	45,500
-	43,586	38,817	41,460	37,493	39,659	38,921	42,760	47,174	40,866	42,213	41,900
-	34,457	42,993	38,326	40,826	38,588	39,196	38,404	42,138	46,590	40,394	41,900
ſ	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
ı	108,400	108,170	110,100	111,590	117,466	120,765	124,070	124,961	128,816	128,538	127,412
- 1	105,300	109,108	108,926	110,196	115,352	117,542	120,928	124,140	125,199	129,182	129,188
-	104,400	106,025	109,847	109,037	113,664	115,586	117,749	120,997	124,091	125,796	129,524
	104,000	105,572	107,305	110,377	111,821	114,561	116,225	117,736	121,166	124,795	126,734
	101,100	105,675	107,263	108,336	113,270	113,093	115,908	116,414	117,806	122,428	125,816
	103,500	102,884	107,248	108,092	110,201	114,474	114,608	116,432	116,370	118,894	123,525
	111,300	105,106	104,029	107,665	110,503	111,168	115,881	115,034	116,614	117,490	120,043
	90,500	112,596	106,186	104,423	111,330	111,421	112,654	116,704	115,398	117,201	118,591
	90,400	91,738		106,688	109,454	112,122	113,049	113,964	117,234	116,219	118,084
	88,500	91,857	93,017	114,511	112,208	110,178	113,552	114,295	114,958	117,820	117,000
	78,200	90,100	93,136	96,339	120,000	113,338	111,642	114,611	115,343	115,727	118,665
	79,900	79,839	91,451	95,380	100,044	120,796	114,976	112,533	115,337	116,873	116,708
	75,900	81,461	81,193	91,356	98,217	100,480	122,005	116,167	113,069	115,832	118,477
	74,200	77,313	100	84,391	95,116	97,909	101,321	122,750	116,892	114,227	116,372
	75,100	75,385		84,513	87,412	95,910	97,854	101,678	123,097	117,246	115,144
	73,400	76,266		80,171	86,820	87,789	96,915	97,560	101,582	123,604	117,542 124,085
	72,700	74,543		77,960	84,421	87,063	88,443	97,608	96,963 97,881	102,181 98,327	102,772
	69,700	C 100 100 100 100 100 100 100 100 100 10	75,697	78,866	80,143		87,512 85,192	88,791 87,699	88,659	97,996	99,621
	68,100		THE RESERVE OF THE RE		80,939 78,499	80,992 80,743	82,075	85,439	87,510	88,675	97,956
	66,700	69,065	100000000	75,851 73,619	77,398		80,635	82,955	85,357	87,800	88,880
	67,400		69,820 68,305	70,834	1275	0.0000000000000000000000000000000000000	80,570	80,429	83,465	86,001	88,212
	67,400 73,500			69,694	L	C 400 C 500	78,274	81,479	79,833	CONTROL CONTROL	86,632
	73,400						78,703	78,583	82,159		82,338
	74,000						71,883	79,044	78,783		81,162
	75,500							71,158			80,782
	74,800	The second secon							70,297	78,487	77,485
	76,400				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		71,569		(44)		77,751
	77,200		0.00					25	100		70,763
	74,800			ATTEMPT OF THE PARTY OF	-0.00				and the second of the second of	71,379	71,091
	76,200		1		7 10000 00000		102.000		77,827	- 14 400 10 100 100	71,167
	75,400		1 1		80,370	76,551	78,635	75,837	76,357		L. SACTOR STATE OF THE PARTY OF
	75,700				78,652	80,576	76,750	78,518			
	68,500	75,675	75,303	75,587	76,687	77,569	80,926	76,835			
	63,300	68,490	75,440	74,725	77,192	76,717		6.5			
	62,600	63,232	68,201	75,065					29		
	64,300						The state of the s	- CONTRACTOR	The second of the second of		
	63,700		100000000000000000000000000000000000000		• SAMA	 (50) (60) (70) (70) (70) 			500000000000000000000000000000000000000		and the state of t
	66,600				P. Annual Control of	Carolina V	Sept. 2000.00			* E. A. C.	and the second plane of the
	65,300				•	0.000		100000000000000000000000000000000000000	The state of the s		
	61,900								100000000000000000000000000000000000000		
	59,600	A CONTRACTOR OF THE PARTY OF TH									
	56,800		The second section of the second	1 (1 Table 2) (1 Table 2)			63				
	54,600	56,449	58,940	59,056	63,226	63,232	63,738	62,464	62,246	61,119	07,034

				17411							
1	52,200	54,227	55,857	56,778	60,868	63,236	62,494	63,846	61,919	61,697	60,953
1	51,600	51,787	53,592	55,249	58,086	60,572	63,271	61,585	63,933	61,595	61,209
١	48,300	51,162	51,222	54,416	60,664	57,990	60,301	63,190	60,751	63,180	61,313
1	45,800	47,846	50,425	51,396	52,396	59,783	57,801	59,893	63,151	60,593	62,437
1	45,000	45,260	47,162	49,341	52,349	52,285	58,836	57,528	59,478	62,217	60,427
1	41,500	44,460	44,585	46,702	50,690	51,352	52,177	57,692	57,228	58,603	61,187
-		-									
Γ	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
ŀ	126,402	122,435	121,554	122,974	125,044	130,938	132,116	142,521	140,568	134,008	129,695
1	128,173	126,952	123,633	122,345	123,237	125,339	131,230	132,968	143,249	141,371	134,993
1	129,849	129,148	127,808	124,588	122,870	123,503	125,877	131,566	134,092	144,315	142,693
١	130,433	130,984	130,698	128,866	125,424	123,429	123,964	126,689	132,428	135,649	145,833
-	128,194	131,513	132,573	132,115	129,793	126,344	124,542	124,927	128,170	133,937	137,810
1	126,779	129,322	132,797	134,011	132,804	130,300	127,296	125,718	126,522	129,652	135,479
1	124,319	127,473	130,646	134,190	134,455	133,061	131,004	128,270	127,419	128,019	131,033
1	121,026	125,117	128,438	131,691	134,752	134,527	133,607	131,769	129,526	128,838	129,253
1	119,764	122,078	126,314	129,740	132,027	135,025	135,075	134,332	133,382	130,878	130,486
١	118,822	121,114	123,832	127,808	130,319	132,187	135,920	136,198	135,902	135,299	132,436
١	117,945	119,985	123,190	125,681	128,574	130,840	132,982	137,619	137,798	137,857	137,367
١	119,559	119,004	121,758	125,396	126,668	129,217	131,874	134,232	140,196	139,888	140,096
١	117,428	120,606	120,580	123,140	126,628	127,249	130,247	133,303	136,256	143,033	141,938
1	117,426	118,416	122,201	122,375	123,790	127,624	128,419	131,696	134,787	138,701	145,846
١		121,345	119,843	123,857	123,730	124,182	128,926	129,860	133,373	136,638	141,127
- 1	116,721 115,968	117,184	123,307	121,328	124,766	124,018	124,830	130,558	131,347	135,314	138,375
	117,574	117,104	118,208	124,816	122,180	125,282	124,938	125,695	132,156	133,076	137,165
		117,114	118,754	119,956	125,459	122,684	126,090	126,014	127,404	133,981	134,703
	124,217 103,175		1,54	119,901	121,243	125,746	123,193	127,186	127,420	129,414	135,773
1	103,173	Getterfühlte der Getterfühlte	125,553	120,384	120,325	122,181	126,155	124,059	128,129	129,012	131,362
- 1	97,767	101,926	12 ACC 20 SEC. 17 July 1	126,925	121,262	120,442	123,199	126,828	125,063	129,246	130,603
	88,842		030000000000000000000000000000000000000	106,080	127,745	121,689	120,746	124,329	128,295	126,254	130,263
	88,406			103,440	106,849	128,207	122,365	121,082	124,867	129,918	127,320
	87,178			99,246	103,114	107,317	128,757	123,090	122,311	125,370	131,465
	81,644			90,308	100,121	102,318	107,949	129,617	123,734	123,688	126,063
	81,648			89,711	90,957	100,752	101,733	108,737	129,135	124,566	125,184
H	80,004	- 6	2.5	88,846	89,660	91,413	101,409	101,288	109,802	128,608	125,330
H	76,769			81,471	88,586	25	92,009	102,216	102,552	110,901	128,312
	77,046		100000000000000000000000000000000000000		U 55	Comment of the Commen	Commission of the Commission o	92,604			112,007
H	71,027			78,947	82,333		1 (S) (I		92,254		
	70,547	**************************************		10/10/04/17 (10/03)			82,588		89,663		102,059
	70,906	Control Control				1 1	127-12-12-12-12-12-12-12-12-12-12-12-12-12-		88,116		
	70,567				\$1,000 miles \$200	1.00	79,088	~	83,024	N. C. C. C.	90,252
	78,512	2.00			Comment of the Comment	March 11, 0100	77,703	0.00000000	700000		the second secon
	74,368			55				1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	- C.D.		
	75,574						70,176		V790.575 "1-11-11"	A-100 A-	
	76,923	with the last of t		3999	100						
	75,529		The territory of the control of the	100000000000000000000000000000000000000		550	1.0				
	77,987				11.000	The second secon			9	V	
	75,001			Herming 5.5 at 5.15 at 5.		120,027,433,137	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	and the second	CV	135.7	
	74,317			135-25-46-30-1			The second secon	111201000000000000000000000000000000000	100000000000000000000000000000000000000		
	74,101					No contract Assets		100000000000000000000000000000000000000	(3.27.2)	AV - D-100 - COLUMN TO	
	73,943		4 /2 III				 — 40 - 40 - 40 - 40 - 40 - 40 - 40 - 40	TO SECURE A SECURITION ASSESSMENT OF THE PROPERTY OF THE PROPE	1000		
	74,571						/=/	60000 DOGUD	507 (55.5)		
	66,964									The second secon	
	, 00,50	1 1,500	1 1000	, ,,,,,,,,,							

1	60,736	66,198	75,412	72,764	73,000	73,270	72,805	77,897	73,785	74,790	73,817
1	60,635	60,586	65,486	74,885	72,585	72,964	73,348	72,000	77,556	73,712	74,819
1	60,930	60.138	60.471	65,258	74,218	72,311	72,971	73,456	71,980	77,108	73,501
1	61,570	60,655	59,647	59,748	64,887	73,454	71,995	72,805	72,991	71,904	76,682
1	60,171	60,846	60,280	59,042	58,866	64,510	72,740	71,676	72,004	72,551	71,782

1990	1991	1992	1993	1994	1995
127,006	123,737	121,607	121,348	121,436	121,480
130,768		124,333	122,142	121,880	121,749
135,923	131,824	128,774	124,869	122,799	121,777
143,813		132,567	129,435	125,631	123,771
147,467	145,021	137,972	133,771	130,922	129,520
139,502	148,612	146,198	139,004	135,171	133,294
136,342	140,684	149,286	146,960	139,909	136,511
131,899	And the state of t	140,995	149,487	147,419	146,396
130,339	132,445	136,763	141,137	149,778	154,295
131,755	131,266	132,727	136,922	141,743	144,217
134,022	A comment for comment	131,880	133,169	137,742	140,087
139,153	100 C 100 C 100 C 100 C	133,874	132,282	133,976	134,831
141,827	A STATE OF THE PARTY OF THE PAR	136,269	134,435	133,133	132,487
143,493		141,922	136,933	135,201	134,343
148,282	19 300000000	144,273	142,584	137,762	135,413
143,092	Care 12:55	145,971	144,826	143,259	142,482
139,684		151,373	146,444	145,527	145,071
138,588	The same Same of	145,392	151,722	146,853	144,477
135,912	60	141,278	145,666	152,200	155,576
137,173	200	140,395	141,531	146,143	148,505
132,928		137,654	140,727	142,000	142,641
131,837	1.030e-3.5 MACES CI	138,715	137,844	141,129	142,801
130,816		134,574	138,884	138,093	137,699
128,182	130,987	133,069	134,670	139,114	141,391
132,715	0.00	131,400	133,175	134,883	135,745
126,266	133,555	128,939	131,432	133,298	134,241
126,253	126,248	133,810	129,035	131,608	132,914
125,745	126,972	126,566	133,787	129,076	126,783
127,538		127,081	126,635	133,823	137,569
112,953		126,074	127,048	126,663	126,471
106,138	113,571	126,548	126,029	127,050	127,564
101,795	106,942	113,565	126,370	125,943	125,730
91,139	10/12/22	106,885	113,428	126,285	133,250
90,419	90,392	101,232	106,751	113,322	116,758
89,150	90,386	90,302	101,047	106,592	109,478
82,939					
82,552	82,616	89,203	90,084		89,967
80,21		82,431	89,000	89,932	90,399
78,33		THE STREET ASSUMENT			92,273
76,84	4,1000			Marie Control of the Control	
71,758	1				
70,91					80,592
69,838				77,51	78,330
70,178				75,62	77,701
76,452	192		70,140	71,36	71,985
72,89	The property of the				

73,885	72,468	76,086	69,413	68,278	67,717
74,697	73,845	71,983	75,678	68,945	65,807
73,168	74,469	73,282	71,446	75,156	77,083
76,008	72,754	73,842	72,743	70,855	69,929

Sources: Australian Bureau of Statistics, Australian Demography, Bulletin, Various Years.

Australian Bureau of Statistics, Estimated Resident Population by Sex and Age States and Territories of Australia, Various Years.

Table B-3: Male Probability of Survival (1 - Mortality Rate) from Aged 15 to Aged 64

14014	01 1111110	A I O APERO				7	ce, moin	- 0	11500	
Age	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956
15	0.99885	0.99886	0.99887	0.99888	0.99888	0.99889	0.99890	0.99891	0.99896	0.99901
16	0.99758	0.99759	0.99759	0.99760	0.99760	0.99761	0.99762	0.99762	0.99772	0.99782
17	0.99620	0.99619	0.99618	0.99617	0.99616	0.99615	0.99614	0.99613	0.99627	0.99640
18	0.99472	0.99469	0.99465	0.99462	0.99458	0.99455	0.99452	0.99448	0.99462	0.99476
19	0.99313	0.99307	0.99301	0.99295	0.99288	0.99282	0.99276	0.99270	0.99284	0.99299
20	0.99145	0.99137	0.99128	0.99120	0.99111	0.99102	0.99094	0.99085		0.99118
21	0.98973	0.98962	0.98952	0.98941	0.98931	0.98920	0.98910	0.98899	0.98918	0.98937
22	0.98799	0.98787	0.98775	0.98763	0.98751	0.98739	0.98727	0.98715	0.98737	0.98758
23	0.98629	0.98616	0.98603	0.98590	0.98576	0.98563	0.98550	0.98537	0.98561	0.98586
24	0.98465	0.98450	0.98436	0.98422	0.98407	0.98393	0.98378	0.98364	100000000000000000000000000000000000000	0.98420
25	0.98304	0.98289	0.98274	0.98258	0.98243	0.98228	0.98212	0.98197	and the second second	0.98259
26	0.98144	0.98128	0.98112	0.98096	0.98080	0.98065	0.98049	0.98033	120000000000000000000000000000000000000	0.98101
27	0.97981	0.97965	0.97950	0.97934	0.97918	0.97903	0.97887	0.97871	0.97908	0.97945
28	0.97813	0.97799	0.97784	0.97769	0.97754	0.97739	0.97725	0.97710	0.97748	0.97787
29	0.97639	0.97626	0.97613	0.97600	0.97586	0.97573	0.97560	0.97547		0.97628
30	0.97458	0.97447	0.97436	0.97425	0.97414	0.97403	0.97392	0.97381		0.97465
31	0.97269	0.97260	0.97252	0.97244	0.97236			0.97211	1000000	0.97299
32	0.97073	0.97068	0.97063	0.97057	0.97052	0.97047	0.97042	0.97036	The second secon	0.97128
33	0.96871	0.96869	0.96867	0.96864	0.96862	0.96860	0.96857	0.96855	A STATE OF THE PARTY OF	0.96950
34	0.96661	0.96662	0.96662	0.96663	0.96664	0.96665	0.96665	0.96666		0.96764
35	0.96441	0.96445		0.96452	0.96456	0.96460	0.96464	0.96468	The second second second	0.96569
36	0.96206	0.96214	0.96221	0.96228	0.96236			0.96257	A CONTRACTOR OF THE PARTY OF TH	0.96361
37	0.95954			0.95988	0.95999	0.96010		0.96032	The state of the s	0.96138
38	0.95683	0.95698	0.95713	0.95729	0.95744			1		0.95897
39	0.95388	0.95408	0.95428	0.95448	0.95468	0.95488	0.95509	0.95529	The second secon	0.95635
40	0.95067	0.95092	0.95118	0.95143	0.95168	0.95194	Table 1	0.95245	The same of the sa	0.95351
41	0.94714	0.94746	0.94777	0.94809	0.94841	0.94873	The second second second	DR-612-012-012-012-012-012-012-012-012-012-0	The state of the s	0.95040
42	0.94326	0.94365	The second secon	0.94443	0.94482	0.94521	0.94560	0.94599	Contractor Contractor	0.94700
43	0.93900	0.93947		0.94042		0.94136	The second secon	0.94230		0.94328
44	0.93431	0.9348		0.93599	0.93655					0.93919
45	0.92913		The second secon	0.93111	0.93177			0.93376		0.93468
46	0.92343			0.92572	0.92649	•				0.92970
47	0.91715		The second secon	0.91978	The second second	1.00				0.92421
48	0.91024		and the same time to	0.91323	and the second second	3.73			1.7 -7 %	
49	0.90267	The state of the s	100000000000000000000000000000000000000	0.90601		100000000000000000000000000000000000000	0.90937		The second second second	0.91142
50	0.89437	0.89560	0.89684	Contract to the second			10-00-00-00			1.000
51	0.88530	0.88665			1		4.1	(2 7) E E E E	The second contract of the	172 177 177
52	0.87541	The state of the s								
53	0.86465									
54	0.85298	The state of the s								
55	0.84036	The second secon	Contract of the Contract of th	Company and and an owner of	1					0.85381
56	0.82674			The second secon	A TANAL TO SERVICE AND ADDRESS OF THE PARTY		and the second s		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
57	0.81213	0.81394	0.81575	0.81757	0.81940	0.82123	0.82306	0.82489	0.82576	0.82663

58	0.79650	0.79835	0.80019	0.80205	0.80390	0.80577	0.80763	0.80950	0.81044	0.81138
59	0.77983	0.78170	0.78357	0.78545	0.78734	0.78922	0.79112	0.79301	0.79400	0.79499
60	0.76207	0.76396	0.76585	0.76775	0.76966	0.77157	0.77348	0.77540	0.77642	0.77744
61	0.74314	0.74506	0.74697	0.74890	0.75082	0.75276	0.75469	0.75664	0.75765	0.75867
62	0.72299	0.72493	0.72688	0.72883	0.73079	0.73275	0.73472	0.73669	0.73768	0.73866
63	0.70157	0.70355	0.70553	0.70752	0.70951	0.71151	0.71352	0.71553	0.71646	0.71739
64	0.67888	0.68090	0.68292	0.68495	0.68699	0.68903	0.69108	0.69314	0.69400	0.69486
04	0.07000	0.00090	0.00222	0.0043.4	0.00023	0.0000	0.02100	0.0001	5107 100	
1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
0,99906	0.99910	0.99915	0.99920	0.99925	0.99924	0.99923	0.99923	0.99922	0.99921	0.99922
0.99900	0.99910	0.99811	0.99820	0.99830	0.99827	0.99825	0.99822	0.99820	0.99817	0.99816
0.9979	0.99667	0.99680	0.99620	0.99707	0.99701	0.99696	0.99690	0.99684	0.99678	0.99673
The second second		0.99517	0.99531	0.99545	0.99538	0.99531	0.99524	0.99518	0.99511	0.99497
0.99490	0.99503	0.99317	0.99356	0.99371	0.99361	0.99352	0.99342	0.99333	0.99324	0.99304
0.9931	1,10		0.99330	0.99199	0.99185	0.99172	0.99158	0.99145	0.99131	0.99107
0.99134		0.99166	0.99182	0.99199	0.99183	0.98997	0.98981	0.98964	0.98948	0.98919
0.9895		0.98993		0.98867	0.98848	0.98830	0.98812	0.98794	0.98776	0.98744
0.98780	0.98802	0.98823	0.98845		0.98691	0.98672	0.98652	0.98633	0.98614	0.98581
0.9861	0.98636	0.98661	0.98686	0.98710	0.98541	0.98522	0.98503	0.98484	0.98465	0.98432
0.9844	120020000000000000000000000000000000000	0.98504	0.98532	0.98560	0.98397	0.98378		0.98340	0.98321	0.98288
0.9829	0.98322	0.98353	0.98384	0.98415	100000000000000000000000000000000000000		0.98359	0.98340	0.98321	0.98147
0.9813		0.98204	0.98238	0.98273	50/2000 200	0.98235	0.98216 0.98071	1.4.11	0.98033	0.98147
0.9798		0.98055	0.98092	0.98128		0.98090	I man man to	0.98052	100 Taylor 100 Taylor	0.98003
0.9782		0.97903	0.97942	0.97981	0.97963	0.97944	0.97926	0.97907	0.97889	The second second second
0.9766	100 000 000 000	0.97750	0.97790	0.97831	0.97814	0.97796	Contract of the Contract of th	0.97761	0.97744	1 1 1 1 1 1 1 1 1 1
0.9750	The state of the s	0.97593	0.97635	0.97678		0.97646	0.97629	0.97613	0.97597	0.97574
0.9734	The state of the s	0.97432	0.97476	0.97520	0.97505	0.97490	0.97475	0.97459	0.97444	
0.9717	Part of the second of the seco	0.97266	0.97312	0.97357	0.97343	0.97328	0.97314	0.97299	0.97284	
0.9699		0.97093	0.97140	0.97188		0.97158		0.97128	0.97113	
0.9681		0.96912	0.96961	0.97010	0.96994	0.96978		0.96947	0.96931	0.96919
0.9661		0.96721	0.96771	0.96822	E 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0.96787	0.96769	0.96751	0.96734	7 To 1 To
0.9641	0.96465	0.96517	0.96569	0.96621	0.96601	0.96581	0.96561	0.96541	0.96521	0.96516
0.9619	1 0.96244	0.96296	0.96349	0.96402	The second second	0.96357	27.7	0.96313	0.96290	0.96290
0.9595	0.96004	0.96057	0.96111	0.96164		0.96114	0.96089	0.96064	0.96039	
0.9568	9 0.95742	0.95796	0.95849	0.95903		0.95848		0.95793	0.95765	
0.9540	3 0.95456	0.95509	0.95562	0.95615	0.95585	0.95556	0.95526	0.95497	0.95467	
0.9509	2 0.95144	0.95196	0.95247	0.95299		0.95237	0.95205	0.95174	0.95143	1
0.9475	0.94801	0.94851	0.94902	0.94952	0.94919	0.94886	0.94853	0.94820	0.94787	
0.9437	7 0.94425	0.94474	0.94523	0.94572	0.94537	0.94502	0.94467	0.94432	Two to the terminal to the ter	
0.9396	6 0.94013	0.94060	0.94107	0.94155	0.94118	0.94081	0.94044	0.94007	0.93970	The second second
0.9351	4 0.93560	0.93606	0.93652	0.93698	0.93658	0.93619	The state of the s	The second second second	\$500 COLUMN COLUMN	
0.9301			0.93151	0.93197	0.93154	0.93112	0.93069	0.93026	0.92984	0.93021
0.9246				0.92646	0.92600	0.92553	0.92507	0.92461	0.92415	0.92455
0.9185	1.1			0.92040	0.91990	0.91939	0.91889	0.91839	0.91788	0.91832
0.9118	La Company			1	1			0.91153	0.91098	0.91144
0.9044	and the second second	The second second second		Division and a				1	1	0.90388
0.8962	The second second	Series and the series of the	The second second		The second second	The second secon	and the same of th	And Cold to the second		
0.8872		The state of the s	The second second	The same of the same of the same of the same of	A CONTRACTOR OF THE PARTY OF TH	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Contract - Cons	I received a later to	The state of the s	
0.8773	The second second	The state of the s					The second second			
0.8664					The second second	Market St.		The State of the S		A STATE OF THE PARTY OF THE PAR
0.8545			1					1		(4) (4) (4) (4) (4) (4) (4)
0.8415	and the second						1 1 1 2			
0.8274									1	
	1 0.81325							1		1000
U.0122	4 0,0132	1 VIOITI	0.0151	0.0100	The same of the				20	

	e .a							i	e de como d	1
0.7959	0.79698	0.79797	0.79896	0.79996	0.79876	0.79756	0.79636	0.79517	0.79398	0.79475
0.7784	0.77948	0.78050	0.78153	0.78255	0.78126	0.77996	0.77867	0.77738	0.77609	0.77692
0.7596	0.76071	0.76174	0.76276	0.76379	0.76239	0.76100	0.75961	0.75822	0.75683	0.75771
0.7396	0.74064	0.74164	0.74263	0.74362	0.74212	0.74063	0.73913	0.73764	0.73616	0.73708
0.7183	0.71926	0.72019	0.72113	0.72207	0.72046	0.71885	0.71725	0.71566	0.71407	0.71504
0.6957	2 0.69658	0.69745	0.69831	0.69918	0.69744	0.69572	0.69399	0.69227	0.69056	0.69162
1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
0.9992	2 0.99923	0.99923	0.99924	0.99925	0.99926	0.99928	0.99929	0.99930	0.99920	0.99911
0,9981	5 0.99813	0.99812	0.99811	0.99813	0.99815	0.99818	0.99820	0.99822	0.99809	0.99795
0,9966	7 0.99661	0.99655	0.99649	0.99653	0.99657	0.99660	0.99664	0.99667	0.99660	0.99653
0.9948	3 0.99470	0.99456	0.99442	0.99446	0.99449	0.99453	0.99456	0.99460	0.99474	0.99488
0.9928	4 0.99264	0.99244	0.99224	0.99228	0.99232	0.99236	0.99240	0.99244	0.99275	0.99305
0.9908	3 0.99058	0.99034	0.99010	0.99017	0.99024	0.99031	0.99038	0.99045	0.99078	0.99111
0.9889	0.98862	0.98833	0.98804	0.98816	0.98827	0.98839	0.98851	0.98862	0.98889	0.98916
0.9871	3 0.98681	0.98650	0.98618	0.98634	0.98649	0.98665	0.98680	0.98695	0.98711	0.98727
0.9854		0.98485	0.98453	0.98470	0.98488	0.98505	0.98523	0.98540	0.98544	0.98548
0.9839	8 0.98365	0.98332	0.98299	0.98318	0.98338	0.98357	0.98376	0.98396	0.98389	0.98382
0.9825	A CONTRACTOR	0.98191	0.98158	0.98179	0.98199	0.98219	0.98239	0.98259	0.98244	0.98228
0.9811	Commence of the commence of th	0.98055	0.98025	0.98045	0.98066	0.98086	0.98107	0.98127	0.98106	0.98085
0.9797	7 0.97949	0.97921	0.97893	0.97914	0.97935	0.97957	0.97978	0.98000	0.97975	0.97951
0.9783	The state of the state of	0.97785	0.97760	0.97782	0,97805	0.97828	0.97851	0.97874	0.97848	0.97821
0.9769		0.97647	0.97623	0.97648	0.97674	0.97699	0.97724	0.97750	0.97722	0.97695
0.9755	The second second	0.97505	0.97482	0.97511	0.97539	0.97568	0.97596	0.97625	0.97597	0.97570
0.9740		0.97359	0.97338	0.97369	0.97401	0.97432	0.97463	0.97495	0.97469	0.97443
0.9724		The second second	0.97190	0.97224	0.97258	0.97292	0.97326	0.97360	0.97337	0.97314
0.9708	1 1 1 1 1 1	0.97052	0.97036	0.97073	0.97109	0.97146	0.97183	0.97219	0.97199	0.97179
0.9690	in the second		0.96871	0.96911	0.96950	0.96990	0.97029	0.97069	0.97053	0.97038
0.9671		A STATE OF THE STA	0.96690	0.96733	0.96777	0.96820	0.96863	0.96906	0.96898	0.96889
0.9651	A LOTTON		0.96496	A SALE AND A SALE AND A SALE	0.96590	0.96637	0.96684	0.96731	0.96730	0.96729
0.9628	The state of the s	I comment	0.96287	0.96338	0.96388	0.96439	0.96489	0.96539	0.96548	0.96556
0.9604		A COMMON TOP A	0.96058		0.96166	0.96221	0.96275	0.96329	0.96348	0.96367
0.9578			0.95807	The State of the S	100/100/2009/00	0.95981	0.96039	0.96097	0.96127	0.96158
0.9549			0.95535	0.95596	0.95657	0.95718	0.95779	0.95840	0.95883	0.95926
0.9518		1111	0.95238	100000	0.95366	0.95429	0.95493	0.95557	0.95612	0.95668
0.9483			0.94905		0.95040	0.95107	0.95175	0.95242	0.95311	0.95381
0.9445	and the same of the same of		0.94536	0.9460	0.94679	0.94750	0.94822	0.94894	0.94978	0.95062
0.9403	THE RESIDENCE OF THE PARTY OF T	The sale of the sa	1			0.94356	0.94432	0.94507	0.94608	0.94710
0.935			110000000000000000000000000000000000000	0.93756	0.93837	0.93918	0.93998	0.94079	0.94200	0.94320
0.930				The state of the state of	0.93346	0.93433	0.93520	0.93607	0.93749	0.93892
0.924			1	200	The same of the same of	0.92898	0.92992	0.93087	0.93254	0.93422
0.918	2.5			1 1000		0.92310	0.9241	0.92513	0.92709	0.92905
0.911					To the same		2	0.91882	0.92110	0.92337
0.904			4			The Table of the Land of	0.9107	0.91192	0.91453	0.91715
0.896							0.90304	0.9043	0.90733	0.91031
0.887	and the second second						0.89465	0.89614	0.89946	0.90279
0.877			VIV. 100 100 100 100 100 100 100 100 100 10						0.89085	0.89453
0.866	William Street	The same of the same of the	100000000000000000000000000000000000000	The same of the same of		The state of the s			0.88143	0.88546
0.854	The second secon		The second second		N. S. Control of the Print of the Party of	The second second		1	0.87117	0.87552
0.841			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	The second second		and the second second	Control of the Contro	and the second second	0.85998	0.86465
0.827				The state of the state of		The second second	and the second second	- Destroyed	The state of the s	0.85277
0.812	7.4			0.8172				A CONTRACTOR OF THE PARTY OF TH	The state of the s	0.83982
0.795					0.80450		-		0.82022	0.82576
0.150	0.1300	7		7		EYUNTAN	10	-5-4-1000		

0.96861 0.96985 0.97115 0.97001 0.97213 0.97379 0.97172 0.97176 0.97222 0.96976 0.97098 0.96700 0.96822 0.96945 0.96848 0.97079 0.97242 0.97039 0.97037 0.97079 0.96832 0.96941 0.96526 0.96646 0.96774 0.96685 0.96932 0.97093 0.96886 0.96927 0.96680 0.96782 0.96336 0.96454 0.96587 0.96507 0.96771 0.96929 0.96740 0.96727 0.96766 0.96518 0.96619 0.95890 0.96007 0.96154 0.96096 0.96396 0.96546 0.96551 0.96595 0.96341 0.96452 0.95626 0.95745 0.95902 0.95857 0.96177 0.96324 0.96164 0.96141 0.96214 0.95935 0.96092 0.95328 0.95452 0.95622 0.95589 0.95935 0.96081 0.95996 0.95997 0.95997 0.95703 0.95892											
0.7380 0.7389 0.7398 0.74079 0.74532 0.74885 0.75485 0.75505 0.76374 0.77016 0.77016 0.71601 0.71609 0.71609 0.71609 0.76752 0.69286 0.69375 0.69482 0.69588 0.70129 0.70675 0.71236 0.73336 0.73333 0.73336 0.73333 0.73334 0.73333 0.73	0.77775	0.77858	0.77941	0.78024	0.78395	0.78767	0.79142	0.79518	0.79896	0.80473	177.000,047.5
	0.75859	0.75948	0.76036	0.76124	0.76534	0.76947	0.77362	0.77779	0.78198	0.78804	0.79415
1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 199920 0.99920 0.99920 0.99930 0.99330 0.99930 0.99930 0.99930 0.99930 0.99930 0.99930	0.73801	0.73894	0.73986	0.74079	0.74533	0.74989	0.75448	0.75909	0.76374	0.77010	0.77651
1979	0.71601	0.71699	0.71796	0.71894	0.72392	0.72894	0.73400	0.73909	0.74421	0.75087	0.75759
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0.99920 0.99920 0.99920 0.99920 0.99931 0.99931 0.99931 0.99931 0.99931 0.99931 0.99931 0.99931 0.99931 0.99931 0.99931 0.99931 0.99931 0.99931 0.99931 0.99932 0.99933 0.99934 0.99933 0.99934 0.99933 0.99934 0.99933 0.99934 0.99933 0.99934 0.99934 0.99934 0.99933 0.99331 0.99331 0.99331 0.99331 0.99331 0.99332 0.99342 0.99333 0.99333 0.99344 0.99333 0.99344 0.99333 0.99344 0.99333 0.99344 0.99333 0.99344 0.99333 0.99344 0.99333 0.99344 0.99333 0.99344 0.99333 0.99344 0.99349 0.99140 0.99140 0.99140 0.99140 0.99140 0.99140 0.99140 0.99140 0.99647 0.99140 0.99647 0.99647 0.99648 0.98677 0.98721 0.98675 0.98674 0.98575 0.98343 0.98684 0.98572 0.98571 0.98343 0.98683 0.98634 0.98634 0.98634 0.98634 0.98634 0.98634 0.98634 0.98634 0.98634 0.98634 0.98634 0.98644 0.98645 0.98646 0.98											
0.99816 0.99817 0.99829 0.99819 0.99841 0.99859 0.99845 0.99846 0.99853 0.99841 0.99858 0.99858 0.99688 0.99540 0.99570 0.99573 0.99574 0.99663 0.99663 0.99663 0.99663 0.99663 0.99663 0.99663 0.99663 0.99663 0.99663 0.99663 0.99663 0.99663 0.99664 0.98660 0.98663 0.98663 0.98663 0.98664 0.98664 0.98660 0.98712 0.98864 0.98664 0.98660 0.98712 0.98864 0.98664 0.98660 0.98712 0.98864 0.98664 0.98660 0.98712 0.98664 0.98	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
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0.99688 0.99691 0.99710 0.99677 0.99677 0.99678 0.99730 0.99749 0.99740 0.99670 0.99937 0.99938 0.99946 0.999474 0.99687 0.99646 0.999474 0.99486 0.99646 0.99647 0.99686 0.99938 0.9918 0.99248 0.99239 0.99318 0.99379 0.99341 0.99385 0.99048 0.990474 0.99486 0.99858 0.99048 0.	0.99816	150000000000000000000000000000000000000	0.99829	0.99819	0.99841	0.99859	0.99845	0.99846	0.99853	0.99841	0.99858
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0.99374 0.99385 0.99416 0.99407 0.99467 0.99467 0.99468 0.99474 0.99489 0.99456 0.99526 0.99919 0.99019 0.99019 0.99017 0.99011 0.99011 0.99011 0.99013 0.99315 0.99315 0.99315 0.99315 0.99315 0.99315 0.99315 0.99315 0.99315 0.99315 0.99316 0.98316 0.98316 0.98536 0.98536 0.98536 0.98536 0.98536 0.98336 0.98424 0.98536 0.98456 0.98536 0.98456 0.98536 0.98536 0.98536 0.98536 0.98536 0.98536 0.98536 0.98536 0.98536 0.98536 0.98536 0.98536 0.98536 0.98536 0.98536 0.98536 0.97316 0.97931 0.97932 0.97641 0.97336 0.97536 0.97542 0.97540 0.97359 0.97151 0.97230 0.97340 0.97337 0.97152 0.97340 0.97359 0.97151 0.97231 0.97379 0.97142 0.97340 0.97355 0.97661 0.97231 0.97340 0.97356 0.97661 0.97231 0.97340 0.97357 0.97356 0.97356 0.97540 0.97359 0.97661 0.97350 0.97661 0.97350 0.97661 0.97350 0.97661 0.97350 0.97661 0.97350 0.97661 0.97350 0.97661 0.97350 0.97661 0.97350 0.97661 0.97350 0.97661 0.97350 0.97661 0.97350 0.97661 0.97350 0.97661 0.97350 0.97661 0.97350 0.97661 0.97350 0.97661 0.97350 0.97661 0.97350 0.97661 0.97350 0.97661 0.97350 0.97		0.99546		0.99557	0.99607	0.99647	0.99608	0.99614	0.99627	0.99601	0.99646
0.99021 0.99048 0.9907 0.99074 0.99165 0.99234 0.99153 0.99171 0.99191 0.99140 0.99243 0.98846 0.98846 0.98881 0.98857 0.98757 0.98752 0.98860 0.98951 0.99911 0.99911 0.99910 0.98569 0.97777 0.97724 0.97725 0.977649 0.97726 0.97		0.99385	0.99419	0.99402	0.99467	0.99518	0.99464	0.99474	0.99489	0.99456	0.99520
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0.9884 0.9888 0.9893 0.98910 0.99011 0.9903 0.9896 0.99017 0.99040 0.98878 0.9816 0.98677 0.98572 0.98660 0.98660 0.98672 0.98581 0.98583 0.98684 0.98593 0.98581 0.98581 0.98686 0.98684 0.98583 0.98681 0.98583 0.98384 0.98383 0.98384 0.99788 0.97788 0.97588 0.97684 0.97684 0.97584 0.97584 0.97584 0.97584 0.97584 0.97584 0.97584 0.97584 0.97584 0.97584 0.97584 0.97584 0.97584 0.97584 0.97584 0.97584 0.97584 0.97584 0.97684 0.97684 0.97684 0.97584 0.97584 0.97684 0.97684 0.97684 0.97684 0.97684 0.97684 0.97684 0.97684 0.97684 0.97684 0.97684 0.96885 0.97684 0.96885 0.96884 0.96	31000		0.99097	0.99074	0.99165	0.99234	0.99153	0.99171	0.99191	0.99140	0.99243
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0.98516 0.98569 0.98641 0.98600 0.98712 0.98818 0.98696 0.98723 0.98752 0.98655 0.986650 0.98673 0.98286 0.98363 0.98286 0.98372 0.98372 0.98331 0.98430 0.98575 0.98452 0.98484 0.98358 0.98273 0.98773 0.98073 0.98074 0.98152 0.98244 0.98164 0.98167 0.98296 0.98456 0.98287 0.98323 0.98356 0.98214 0.98791 0.97943 0.98023 0.98124 0.98044 0.98165 0.98034 0.98158 0.98173 0.98673 0.97886 0.97777 0.97886 0.97777 0.97886 0.97777 0.97988 0.97777 0.97988 0.97777 0.97988 0.97777 0.97988 0.97777 0.97988 0.97777 0.97988 0.97614 0.97552 0.97652 0.97542 0.97554 0.97552 0.97564 0.97554 0.96657 0.9		The common section	0.98787	0.98752	0.98860	0.98951	0.98843	0.98868	0.98893	0.98816	0.98957
0.98363			0.98641	0.98600	0.98712	0.98818	0.98696	0.98723	0.98752	0.98659	0.98814
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0.98078 0.98152 0.98246 0.98176 0.98296 0.98456 0.98287 0.98323 0.98356 0.98214 0.98391 0.97943 0.98023 0.98124 0.98044 0.98165 0.98341 0.98186 0.98197 0.98236 0.98072 0.98251 0.97811 0.97899 0.98004 0.97915 0.98039 0.98226 0.98031 0.98073 0.98106 0.97934 0.98131 0.97552 0.97657 0.97769 0.97761 0.97806 0.97800 0.97991 0.97974 0.97988 0.97983 0.97757 0.97754 0.97525 0.97657 0.97769 0.97661 0.97800 0.97991 0.97724 0.97823 0.97861 0.97661 0.97835 0.97624 0.97525 0.97408 0.97525 0.97685 0.97685 0.97525 0.97684 0.97525 0.97684 0.97525 0.97684 0.97279 0.97454 0.97279 0.97454 0.97279 0.97455 0.97631 0.97421 0.97441 0.97488 0.97279 0.97525 0.97631 0.97421 0.97441 0.97488 0.97279 0.97525 0.96861 0.96866 0.96885 0.96914 0.96826 0.96866 0.96885 0.96914 0.96826 0.96646 0.96774 0.96886 0.96964 0.96587 0.96688 0.96927 0.96646 0.96727 0.96680 0.96826 0.96646 0.96774 0.96624 0.96381 0.96312 0.96326 0.96646 0.96326 0.96386 0.96328 0.96328 0.95622 0.96645 0.96367 0.96396 0.96396 0.96377 0.96586 0.95745 0.96680 0.95328 0.95622 0.95622 0.95622 0.95624 0.95624 0.95624 0.95624 0.95625 0.95624 0.95625 0.95624 0.95626 0.95745 0.95626 0.95745 0.95902 0.95828 0.95002 0.95828 0.95660 0.95123 0.95310 0.95288 0.95660 0.95312 0.95310 0.95288 0.95660 0.95314 0.94676 0.94676 0.94676 0.94673 0.94676 0.94			0.98372	0.98313	0.98430	0.98572	0.98419	0.98452	0.98484	0.98358	0.98531
0.97943	1		0.98246	0.98176	0.98296	0.98456	0.98287	0.98323	0.98356	0.98214	0.98391
0.97681 0.97777 0.97886 0.97787 0.9718 0.97810 0.97907 0.97948 0.97983 0.97797 0.97611 0.97800 0.97991 0.97823 0.97861 0.97661 0.97800 0.97991 0.97823 0.97861 0.97661 0.97823 0.97863 0.97861 0.97855 0.97669 0.977860 0.97869 0.977870 0.97615 0.97615 0.97408 0.975770 0.975720 0.97569 0.97615 0.97930 0.97552 0.97615 0.97615 0.97930 0.97515 0.97615 0.97011 0.97137 0.97261 0.97144 0.97337 0.97580 0.979441 0.97489 0.97233 0.97600 0.96822 0.96948 0.967940 0.966848 0.97079 0.97172 0.97176 0.97222 0.96976 0.97035 0.97116 0.97022 0.969676 0.96685 0.96684 0.96974 0.96688 0.96939 0.97039 0.96909 0.96782 0.96685 0.96685 0.96685 0.96687 0.96685 0.96939 0.96740			0.98124	0.98044	0.98165	0.98341	0.98158	0.98197	0.98230	0.98072	0.98251
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0.97552 0.97657 0.97769 0.97661 0.97800 0.97991 0.97784 0.97823 0.97661 0.97835 0.97885 0.97872 0.97669 0.97738 0.97872 0.97669 0.97738 0.97570 0.977572 0.97570 0.977572 0.97570 0.97752 0.97570 0.97752 0.97570 0.97752 0.97570 0.97752 0.97570 0.97752 0.97570 0.97752 0.97571 0.977571 0.97113 0.97393 0.97375 0.97441 0.97489 0.97310 0.97489 0.97213 0.97310 0.97441 0.97359 0.97116 0.97223 0.97091 0.97379 0.97172 0.97176 0.97222 0.96976 0.97098 0.96700 0.96822 0.96945 0.96884 0.97079 0.97242 0.97037 0.97079 0.96224 0.97037 0.97079 0.96224 0.97039 0.96860 0.96880 0.96927 0.96880 0.96272 0.96880 0.96527 0.96681 0.96961 0.96782 0.96782 0.96782 0		00000000000	0.97886	0.97787	0.97918	0.98109	0.97907	0.97948	0.97983	0.97797	0.97974
0.97290 0.97410 0.97526 0.97408 0.97570 0.97752 0.97542 0.97569 0.97615 0.97390 0.97551 0.97154 0.97278 0.97398 0.97279 0.97455 0.97631 0.97421 0.97441 0.97489 0.97253 0.97404 0.97011 0.97137 0.97261 0.97101 0.97337 0.97588 0.97310 0.97359 0.97116 0.97233 0.96700 0.96822 0.96945 0.96848 0.97079 0.97242 0.97039 0.97037 0.970779 0.96826 0.96964 0.96685 0.96932 0.97093 0.97037 0.970779 0.96822 0.96970 0.96826 0.96646 0.96747 0.96685 0.96939 0.96940 0.96727 0.96707 0.96587 0.96507 0.96711 0.96929 0.96740 0.96727 0.96766 0.96518 0.96619 0.95820 0.95047 0.96381 0.96396 0.96340 0.96546 0.96377 0.96356 0.96411 0.96421 0.96421	0.97552	100000000000000000000000000000000000000	0.97769	0.97661	0.97800	0.97991	0.97784	0.97823	0.97861	0.97661	0.97835
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0.96861 0.96985 0.97115 0.97001 0.97213 0.97379 0.97172 0.97176 0.97222 0.96976 0.97098 0.96700 0.96822 0.96945 0.96848 0.97079 0.97242 0.97039 0.97037 0.97079 0.96832 0.96941 0.96526 0.96646 0.96774 0.96685 0.96932 0.97093 0.96886 0.96927 0.96680 0.96782 0.96126 0.96242 0.96381 0.96597 0.96593 0.96747 0.96586 0.96551 0.96595 0.96341 0.96619 0.95890 0.96007 0.96154 0.96096 0.96396 0.96546 0.96571 0.96559 0.96311 0.96147 0.96526 0.95745 0.959902 0.95887 0.96177 0.96546 0.96377 0.96356 0.96514 0.96214 0.95935 0.96092 0.94925 0.95745 0.95522 0.95589 0.95935 0.96081 0.95926 0.95997 0.95703 0.95892 0.95123 0.95123 0.	0.97154	0.97278	0.97398	0.97279	0.97455	0.97631	0.97421	0.97441	0.97489	0.97253	0.97404
0.96700 0.96822 0.96948 0.96848 0.97079 0.97242 0.97039 0.97037 0.97079 0.96832 0.96941 0.96526 0.96646 0.96774 0.96685 0.96932 0.97093 0.96896 0.96888 0.96927 0.96680 0.96782 0.96336 0.96454 0.96587 0.96507 0.96771 0.96929 0.96740 0.96727 0.96766 0.96518 0.96619 0.95890 0.96007 0.96154 0.96096 0.96396 0.96546 0.96377 0.96356 0.96411 0.96147 0.96226 0.95745 0.95902 0.95587 0.96177 0.96346 0.96377 0.96356 0.96411 0.96147 0.96224 0.96142 0.96142 0.96141 0.96147 0.96392 0.95328 0.95452 0.95522 0.95589 0.95935 0.96081 0.95996 0.95997 0.95703 0.95892 0.94995 0.95123 0.95310 0.95528 0.95666 0.95815 0.95663 0.95493 0.95176 <	0.97011	0.97137	0.97261	0.97144	0.97337	0.97508	0.97298	0.97310	0.97359	0.97116	0.97253
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0.96336 0.96454 0.96587 0.96507 0.96771 0.96929 0.96740 0.96727 0.96766 0.96518 0.96619 0.96126 0.96242 0.96381 0.96312 0.96593 0.96747 0.96568 0.96551 0.96595 0.96341 0.96452 0.95890 0.96007 0.96154 0.96096 0.96396 0.96546 0.96377 0.96356 0.96411 0.96147 0.96227 0.95262 0.95745 0.95902 0.95887 0.96177 0.96324 0.96164 0.96142 0.96214 0.95935 0.96092 0.95328 0.95452 0.95622 0.95589 0.95935 0.96081 0.95926 0.95996 0.95997 0.95703 0.95892 0.940207 0.94347 0.94577 0.94579 0.95368 0.95523 0.95051 0.95664 0.95195 0.94879 0.95151 0.93238 0.93385 0.93667 0.94462 0.94481 0.94662 0.94851 0.94467 0.94487 0.94487 0.94487<	0.96700	0.96822	0.96945	0.96848	0.97079	0.97242	0.97039	0.97037	0.97079	0.96832	0.96941
0.96126 0.96242 0.96381 0.96312 0.96593 0.96747 0.96568 0.96551 0.96595 0.96341 0.96452 0.95890 0.96007 0.96154 0.96096 0.96396 0.96546 0.96377 0.96356 0.96411 0.96147 0.96277 0.95626 0.95745 0.95902 0.95857 0.96177 0.96324 0.96164 0.96142 0.96214 0.95935 0.96092 0.95328 0.95452 0.95622 0.95589 0.95935 0.96081 0.95996 0.95997 0.95703 0.95892 0.94995 0.95123 0.95310 0.95288 0.95666 0.95815 0.95663 0.95649 0.95759 0.95703 0.95892 0.94207 0.94347 0.94577 0.94579 0.95035 0.95203 0.95051 0.95060 0.95195 0.94879 0.95151 0.93238 0.93385 0.93667 0.93702 0.94245 0.94461 0.94305 0.94487 0.94201 0.94488 0.92577 0.92826 </td <td>0.96526</td> <td>0.96646</td> <td>0.96774</td> <td>0.96685</td> <td>0.96932</td> <td>0.97093</td> <td>0.96896</td> <td>0.96888</td> <td>0.96927</td> <td>0.96680</td> <td></td>	0.96526	0.96646	0.96774	0.96685	0.96932	0.97093	0.96896	0.96888	0.96927	0.96680	
0.95890 0.96007 0.96154 0.96096 0.96396 0.96546 0.96377 0.96356 0.96411 0.96147 0.96277 0.95626 0.95745 0.95902 0.95857 0.96177 0.96324 0.96164 0.96142 0.96214 0.95935 0.96092 0.95328 0.95452 0.95622 0.95889 0.95935 0.96081 0.95996 0.95996 0.95997 0.95703 0.95892 0.94995 0.95123 0.95310 0.95288 0.95666 0.95815 0.95663 0.95649 0.95759 0.95450 0.95671 0.94207 0.94347 0.94577 0.94579 0.95035 0.95203 0.95051 0.95060 0.95195 0.94879 0.95151 0.93747 0.93891 0.94146 0.94163 0.94662 0.94851 0.94697 0.94720 0.94861 0.94556 0.94849 0.93238 0.93385 0.93667 0.93702 0.94245 0.94461 0.94305 0.94487 0.94201 0.94498	0.96336	0.96454	0.96587	0.96507	0.96771	0.96929	0.96740	0.96727	0.96766	0.96518	0.96619
0.95626 0.95745 0.95902 0.95857 0.96177 0.96324 0.96164 0.96142 0.96214 0.95935 0.96092 0.95328 0.95452 0.95622 0.95589 0.95935 0.96081 0.95926 0.95906 0.95997 0.95703 0.95892 0.94995 0.95123 0.95310 0.95288 0.95666 0.95815 0.95663 0.95649 0.95759 0.95450 0.95671 0.94207 0.94347 0.94963 0.94579 0.95368 0.95523 0.95372 0.95368 0.95493 0.95176 0.95426 0.94207 0.94347 0.94579 0.94579 0.95035 0.95203 0.95060 0.95195 0.94879 0.95151 0.93747 0.93891 0.94163 0.94662 0.94851 0.94697 0.94720 0.94861 0.94556 0.94849 0.92677 0.92826 0.93136 0.93192 0.93776 0.94029 0.93873 0.93844 0.93610 0.93377 0.94498 0.91377	0.96126	0.96242	0.96381	0.96312	0.96593	0.96747	0.96568	0.96551	0.96595		0.96452
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0.93747 0.93891 0.94146 0.94163 0.94662 0.94851 0.94697 0.94720 0.94861 0.94556 0.94843 0.93238 0.93385 0.93667 0.93702 0.94245 0.94461 0.94305 0.94345 0.94487 0.94201 0.94498 0.92677 0.92826 0.93136 0.93192 0.93776 0.94029 0.93873 0.93928 0.94070 0.93810 0.94111 0.92058 0.92209 0.92548 0.92630 0.93250 0.93548 0.93393 0.93464 0.93610 0.93377 0.93680 0.91377 0.91534 0.91899 0.92060 0.92660 0.93012 0.92860 0.92948 0.93099 0.92895 0.93202 0.89809 0.89993 0.90392 0.90557 0.91264 0.91746 0.91600 0.91738 0.91908 0.91767 0.92083 0.887941 0.88174 0.88585 0.88806 0.89559 0.90167 0.90034 0.90251 0.90436 0.90384 0.90721<	0.94622	0.94756	0.94963	0.94953							
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I	0.80171	0.80569	0.81086	0.81353	0.82319	0.83128	0.83057	0.83541	0.83900	0.84083	0.84617
l	0.78497	0.78896	0.79482	0.79712	0.80742	0.81600	0.81518	0.82042	0.82473	0.82648	0.83215
١	0.76694	0.77087	0.77758	0.77939	0.79047	0.79965	0.79860	0.80424	0.80934	0.81098	0.81687
١	0.74754	0.75137	0.75905	0.76032	0.77233	0.78219	0.78081	0.78684	0.79272	0.79430	0.80034

1990	1991	1992	1993	1994	1995
0.99944	0.99946	0.99948	0.99950	0.99952	0.99954
0.99871	0.99877	0.99883	0.99889	0.99895	0.99901
0.99780	0.99792	0.99804	0.99816	0.99828	0.99840
0.99672	0.99693	0.99714	0.99735	0.99756	0.99777
0.99552	0.99582	0.99612	0.99642	0.99671	0.99701
0.99421	0.99461	0.99501	0.99541	0.99581	0.99621
0.99286	0.99335	0.99384	0.99432	0,99481	0.99530
0.99149	0.99205	0.99260	0,99316	0.99372	0.99427
0.99012	0.99075	0.99137	0.99200	0.99262	0.99325
0.98876	0.98946	0.99016	0.99087	0.99157	0.99228
0.98739	0.98818	0.98898	0.98977	0.99056	0.99135
0.98603	0.98693	0.98783	0.98873	0.98963	0.99053
0.98466	0.98569	0.98671	0.98774	0.98877	0.98980
0.98328		0.98563	0.98680	0.98798	0.98916
0.98189	2000	0.98453	0.98585	0.98718	0.98850
0.98051	0.98196	0.98342	0.98488	0.98634	0.98780
0.97914		0.98224	0.98380	0.98535	0.98691
0.97779		0,98096	0.98256	0.98415	0.98575
0.97645		0.97962	0.98121	0.98280	0.98440
0.97512			0.97970	0.98123	0.98276
0.97377		0.97666	0.97811	0.97956	
0.97240	0.97375		0.97647	0.97783	
0.97096	100		0.97482	0.97611	0.97740
0.96945			0.97318	0.97443	0.97568
0.96784	10	The second section is a second	0.97156	0.97281	0.97406
0.96611	0.96739	0.96867	0.96995	0.97123	0.97252
0.96428	0.96560	0.96693	0.96825	0.96958	0.97091
0.96231	0.96369	0.96507	0.96645	0.96784	0.96923
0.96019	0.96162		0.96447	0.96590	0.96734
0.95791	0.95936	0.96081	0.96226	0.96372	0.96518
0.95544	0.95688	0.95833	0.95978	0.96123	0.96269
0.95274	0.95417	0.95559	0.95702	0.95845	0.95988
0.94980	0.95118	0.95256	0.95394	0.95533	0.95672
0.94656	0.94790	0.94924	0.95058	0.95192	0.95327
0.94299	0.94430	0.94560	0.94691	0.94822	0.94953
0.93903	0.94034	0.94165	0.94296	0.94427	0.94559
0.93463			0.93874	0.9401	0.94148
0.92972	0.93122	0.93272	0,93423	0.93574	0.93725
0.92423	0.92596	0.92769	0.92942	0.9311	0.93289
0.91811			0.92426	0.92632	0.92839
0.91129			0.91864	0.9211	0.92358
0.90371		A CONTRACTOR OF THE PARTY OF TH	0.9124	0.9153	0.91831
0.89532	1 59		0.90553	0.9089	0.91240
0.88603	0.88994	0.89386	0.89779	0.9017	0.90572
0.87578			0.88910	0.89359	0.89810
0.86448		0.87441		0.8844	0.88952
0.85204		1		0.8742	0.87993

	0.83844					
I	0.82362	0.83027	0.83697	0.84372	0.85053	0.85740
١	0.80757	0.81481	0.82211	0.82948	0.83692	0.84442

Sources: Australian Bureau of Statistics, Australian Demography, Bulletin, No. 43, pp. 272-273.

Australian Bureau of Statistics, Census of the Commonwealth of Australia, 1933, pp. 6-7.

Australian Bureau of Statistics, Deaths, Australia, Various Years.

Table B-4: Female Probability of Survival (1 - Mortality Rate) from Aged 15 to Aged 64

15	A co	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956
16									MATCHENW		
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19											
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21			And the second second			The state of the s					
22			The second second	THE COURSE STREET				A STATE OF THE PARTY OF THE PAR			Property and the second second
23 0.99233 0.99265 0.99297 0.99329 0.99361 0.99393 0.99425 0.99457 0.99464 0.9947 24 0.99109 0.99148 0.99188 0.99228 0.99267 0.99307 0.99387 0.99387 0.99387 0.99387 0.99387 0.99389 0.99385 0.9940 25 0.98877 0.99025 0.99073 0.99121 0.99166 0.99217 0.99265 0.99313 0.99323 0.9932 26 0.988767 0.98824 0.98891 0.99805 0.99122 0.99180 0.9901 0.99170 0.99180 28 0.98691 0.98824 0.98891 0.98820 0.98997 0.99073 0.99170 0.9918 29 0.98382 0.98645 0.98640 0.98726 0.98897 0.99073 0.99088 0.99100 0.99170 0.9918 30 0.98220 0.98315 0.98411 0.98560 0.98602 0.98697 0.98787 0.98898 0.98907 0.98901 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>The second second</td><td>The state of the s</td><td></td><td></td><td>The second secon</td></td<>							The second second	The state of the s			The second secon
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36 0.97060 0.97213 0.97367 0.97522 0.97676 0.97831 0.97985 0.98141 0.98173 0.9820 37 0.96827 0.96990 0.97154 0.97318 0.97482 0.97646 0.97811 0.97976 0.98012 0.9804 38 0.96582 0.96755 0.96928 0.97101 0.97275 0.97449 0.97623 0.97797 0.97837 0.9787 39 0.96324 0.96506 0.96688 0.96870 0.97053 0.97236 0.97419 0.97603 0.97646 0.9768 40 0.96050 0.96241 0.96432 0.96623 0.96814 0.97006 0.97198 0.97391 0.97438 0.9748 41 0.95758 0.95957 0.96157 0.96357 0.96557 0.96758 0.96959 0.97160 0.97211 0.9726 42 0.95446 0.95564 0.95862 0.96070 0.95279 0.96488 0.96698 0.96909 0.96964 0.9702 43		the control of the state of	5 127 3 3 3 7 7 8 8 9	Company of the Compan	The second secon	the second section of the	3.700	- 1. 1 Y			
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43	1	and delicated to the second	The second second second	The second secon	1 1 2	1000					1
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45			100000000000000000000000000000000000000	and the second second second		0.00					
46			No. of the latest	A CONTRACTOR OF THE PARTY OF THE				The second second second			
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			The state of the state of	The second second second second		100000000000000000000000000000000000000	A STATE OF THE STA		I DESCRIPTION OF	The second secon	
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						177 - 175				The second secon	

58	0.85447	0.85837	0.86229	0.86623	0.87018	0.87415	0.87815	0.88216	0.88413	0.88610
59	0.84380	0.84784	0.85190	0.85597	0.86007	0.86418	0.86832	0.87247	0.87458	0.87669
60	0.83233	0.83650	0.84069	0.84491	0.84914	0.85340	0.85767	0.86197	0.86422	0.86646
61	0.81995	0.82426	0.82859	0.83295	0.83732	0.84173	0.84615	0.85060	0.85297	0.85535
62	0.80662	0.81106	0.81553	0.82002	0.82454	0.82908	0.83365	0.83824	0.84075	0.84327
63	0.79230	0.79687	0.80147	0.80609	0.81074	0.81542	0.82012	0.82485	0.82749	0.83014
64	0.77692	0.78161	0.78632	0.79106	0.79583	0.80063	0.80546	0.81032	0.81310	0.81588
1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
0.99956	0.99958	0.99959	0.99961	0.99962	0.99961	0.99961	0.99960	0.99960	0.99959	0.99959
0.99907		0.99911	0.99914	0.99916	0.99915	0.99914	0.99913	0.99912	0.99911	0.99909
0.99852		0.99858	0.99860	0.99863	0.99862	0.99860	0.99859	0.99857	0.99856	0.99852
0.99794	DA STATE	0.99800	0.99803	0.99806	0.99804	0.99801	0.99799	0.99797	0.99794	0.99788
0.99734	2000	0.99740	0.99744	0.99747	0.99744	0.99741	0.99738	0.99734	0.99731	0.99724
0.9967	1	0.99679	0.99683	0.99687	0.99683	0.99679	0.99675	0.99671	0.99667	0.99659
0.99608	1	0.99617	0.99622	0.99627	0.99622	0.99617	0.99613	0.99608	0.99604	0.99596
0.99543		0.99554	0.99559	0.99565	0.99560	0.99555	0.99550	0.99545	0.99540	0.99533
0.9947	10000000	0.99491	0.99497	0.99504	0.99499	0.99493	0.99487	0.99482	0.99476	0.99470
0.9941		0.99428	100	0.99444		0.99432	0.99425	0.99419	0.99413	0.99407
0.9934		11/11/2019		0.99383	0.99376	0.99369	0.99362	0.99355	0.99348	0.99343
0.9927		a management	and the state of	0.99318		0.99303	0.99296	0.99289	0.99281	0.99278
0.9919	A CONTRACTOR	0.99223	0.99236	0.99250		0.99235	0.99227	0.99219	0.99212	0.99209
0.9911		Section 19	0.99162	0.99177		0.99161	0.99153	0.99145	0.99137	0.99136
0.9903		The second second	0.99084	0.99101	0.99092	0.99084	0.99076	0.99067	0.99059	0.99059
0.9894		1	0.99001	0.99020	2000	0.99002	0.98993	0.98984	0.98975	0.98976
0.9884	1 15 1 10 2 2 2 3		0.98912	0.98932	The Sale of the Contract of the	0.98913	0.98904	0.98894	0.98885	0.98888
0.9874		1	1	0.98837		0.98818	The state of the state of	0.98799	0.98789	0.98793
0.9863	TO BUT THE LOWER	I control of the cont		0.98735		0.98715	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.98695		0.98691
0.9851	The second second	The Report of the San	The State of the S	0.98623		0.98603	0.98593	0.98584		1
0.9838			Control of the Control	0.98502		0.98482	0.98472	0.98462		
0.9823		0.98304		0.98370	The state of the s	0.98350	0.98340	0.98330		
0.9808		A STATE OF THE STA	1.75	0.98227		0.98205	0.98195			
0.9791	THE RESERVE OF THE PARTY OF THE		THE RESERVE		In Contract of the	0.98048	and the second s	0.98025		5 (0.01) 5 (0.1)
0.9773					1,000,000,000	0.97877	0.97864	0.97852	A CONTRACTOR OF THE PARTY OF TH	0.97852
0.9753	The second second	The Alleran		0.97720	The state of the s	The second second	0.97677	0.97662	The state of the s	
0.9731	The second second					0.97488	1 CANADA	0.97456		
0.9707		1				0.97265		1	The state of the s	THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW
0.9681	C. V. Darman Market	1			12000000					
0.9653	7.5	A STATE OF THE PARTY OF	100000000000000000000000000000000000000	1						
0.9621			10 10 10 10 10 10 10 10 10 10 10 10 10 1		The state of the s	The state of the s	1			
0.9621				1000			The second second	The second second second	Control of the Control	
0.9550		100000	10000000	10/02/2012/2012	1 0-00	The second second	The Control of the Co		Company of the same	
0.9510					CO MANAGEMENT		1	and minimum table		Contract to the second second
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0.9419	The second second				1000	1			A CONTRACTOR OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED	
0.9419	The second second		A CONTRACTOR OF THE PARTY OF TH	1						
0.9312	Commence of the	The second second	1 24	The second secon		I and the second	~ ~ ~ ~ ~			1
0.9312	The second second		C222-00000	14 04 01 17 July 12 17 17 17 17 17 17 17 17 17 17 17 17 17	The second second	T. P	The second secon			
0.9232		The second second	1 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			A CONTRACTOR OF THE PARTY OF TH	the state of the s	The last transfer and the		
0.9186				F		1		The same of the sa		
0.9115	The same of the same of		7477	1		TO THE RESERVE ASSESSMENT OF THE PARTY OF TH		100000000000000000000000000000000000000		- M
0.8966						100000000000000000000000000000000000000				the same of the
0.8880		7 0.8920		0.8960	1 1 1 1 1 1 1 1 1 1			0.8917		
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1	0.87880	0.88093	0.88305	0.88519	0.88732	0.88617	0.88503	0.88388	0.88274	0.88159	0.88244
1	0.86872	0.87098	0.87324	0.87552	0.87779	0.87659	0.87539	0.87420	0.87300	0.87181	0.87268
1	0.85774	0.86014	0.86254	0.86495	0.86736	0.86613	0.86491	0.86368	0.86246	0.86123	0.86213
- 1	0.84579	0.84833	0.85087	0.85341	0.85597	0.85473	0.85349	0.85225	0.85101	0.84978	0.85072
-1	0.83280	0.83547	0.83814	0.84083	0.84352	0.84229	0.84105	0.83982	0.83859	0.83736	0.83836
- [0.81868	0.82149	0.82431	0.82714	0.82997	0.82876	0.82754	0.82632	0.82511	0.82390	0.82498
ſ	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Ī	0.99959	0.99959	0.99959	0.99959	0.99960	0.99961	0.99961	0.99962	0.99963	0.99962	0.99962
-	0.99908	0.99906	0.99905	0.99903	0.99906	0.99909	0.99912	0.99915	0.99918	0.99918	0.99917
- 1	0.99847	0.99843	0.99838	0.99834	0.99840	0.99846	0.99852	0.99858	0.99864	0.99866	0.99867
- 1	0.99781	0.99775	0.99769	0.99762	0.99770	0.99778	0.99786	0.99794	0.99802	0.99807	0.99812
- 1	0.99716	0.99708	0.99700	0.99692	0.99703	0.99713	0.99723	0.99733	0.99743	0.99749	0.99755
	0.99652	0.99644	0.99636	0.99628	0.99640	0.99652	0.99665	0.99677	0.99689	0.99693	0.99697
	0.99589	0.99581	0.99573	0.99566	0.99580	0.99595	0.99609	0.99624	0.99639	0.99639	0.99640
	0.99527	0.99520	0.99514	0.99507	0.99523	0.99540	0.99556	0.99572	0.99589	0.99586	0.99584
	0.99465	0.99459	0.99453	0.99447	0.99466	0.99484	0.99502	0.99521	0.99539	0.99535	0.99531
	0.99402	0.99397	0.99392	0.99387	0.99407	0.99427	0.99448	0,99468	0.99488	0.99485	0.99481
	0.99339	0.99334	0.99330	0.99325	0.99348	0.99370	0.99392	0.99415	0.99437	0.99435	0.99432
	0.99274	0.99270	0.99266	0.99263	0.99287	0.99312	0.99336	0.99361	0.99386	0.99385	0.99385
	0.99206	0.99204	0.99201	0.99198	0.99225	0.99252	0.99278	0.99305	0.99332	0.99334	0.99336
	0.99135	0.99133	0.99132	0.99131	0.99160	0.99189	0.99218	0.99247	0.99276	0.99281	0.99285
	0.99059	0.99059	0.99058	0.99058	0.99090	0.99122	0.99154	0.99186	0.99218	0.99225	0.99232
	0.98977	0.98979	0.98980	0.98981	0.99016	0.99051	0.99086	0.99121	0.99156	0.99165	0.99174
	0.98890	0.98893	0.98896	0.98899	0.98937	0.98976	0.99014	0.99052	0.99091	0.99101	0.99112
	0.98797	0.98801	0.98806	0.98810	0.98852	0.98894	0.98936	0.98978	0.99021	0.99032	0.99044
	0.98696	0.98702	0.98707	0.98713	and the same of th	0.98805	0.98851	0.98897	0.98943	0.98957	0.98971
	0.98588	0.98594	0.98601	0.98608		0.98708	0.98758	0.98808	0.98858	0.98875	0.98892
	0.98469	0.98477	0.98486	0.98494	Contract Con	0.98602	0.98656	0.98710	0.98764	0.98785	0.98806
	0.98339	0.98349	0.98358	0.98368		0.98485	0.98543	0.98602	0.98661	0.98686	0.98711
	0.98195		1	0.98228		0.98355	0.98418	0.98482	0.98545	0.98576	0.98606
	0.98038		0.98063	0.98075		0.98212	0.98280	0.98349	0.98417	0.98454	0.98490
	0.97866	The State of the S	0.97893		10.000	0.98054	0.98127	0.98201	0.98274	0.98318	0.98361
	0.97679	0.97695	100	0.97726	1	0.97882	0.97960	0.98038	0.98116	0.98167	0.98218
	0.97475	100 100 100	1	0.97528		0.97693	0.97776	0.97859	0.97941	0.98001	0.98061
	0.97251	0.97271	0.97290	0.97309	0.97397	0.97485	0.97573	0.97661	0.97749	0.97818	0.97888
	0.97005	The second second	The second second			0.97255	0.97348	0.97442	0.97535	0.97617	0.97698
	0.96736		0.96783	0.96807	0.96905	0.97004	0.97103	0.97202	0.97301	0.97395	0.97489
	0.96439	7.14			A PARTIE OF	0.96728	0.96834	0.96939	0.97044	0.97152	0.97261
	0.96112									0.96887	0.97011
	0.95753		1					0.96336	0.96457	0.96597	0.96737
	0.95360	100000000000000000000000000000000000000				0.95732	0.95863	0.95994	0.96125	0.96281	0.96437
	0.94934		The second secon	S. S. Stranger and S.	0.95197	0.95339	0.95481	0.95623	0.95765	0.95937	0.96109
	0.94471	The second second second			A SAME AND A STREET	0.94912	0.95066	0.95220	0.95374	0.95562	0.95750
	0.93971		-			1	0.94616	0.94783	0.94951	0.95154	0.95357
	0.93433			The state of the s		0.93952	0.94132	0.94313	0.94493	0.94710	0.94928
	0.92854				FE 2324	The state of the s	0.93609	0.93803	0.93998	0.94229	0.94460
	0.92232	100			1112311		0.93047	0.93255	0.93463	0.93706	0.93950
	0.91563						0.92438	0.92661	0.92885	0.93139	0.93395
	0.9084				The state of the s	0.91541	0.91779	0.92019	0.92259	0.92524	0.92791
	0.90065	CALL DAY OF THE PARTY OF THE PA		2000	Contract of		0.91067	0,91324	0.91581	0.91857	0.92134
	0.89230		and the street of	0.89477	0.89750	0.90024	0.90298	0.90573	0.90850	0.91135	0.91420
	0.88328	The state of the S			The Control of the Co	The second second second	0.89465	0.8976	0.90058	0.90353	0.90648
	- West	7/1/2017									

Ī	0.87355	0.87442	0.87529	0.87617	0.87932	0.88248	0.88565	0.88883	0.89203	0.89507	0.89813
ı	0.86303	0.86393	0.86484	0.86574	0.86912	0.87252	0.87592	0.87934	0.88278	0.88595	0.88914
L	0.85166	0.85260	0.85355	0.85449	0.85812	0.86176	0.86541	0.86908	0.87277	0.87612	0.87948
1	0.83935	0.84034	0.84134	0.84233	0.84812	0.85395	0.85982	0.86573	0.87168	0.87040	0.86912
L	0.82606	0.82714	0.82823	0.82931	0.83533	0.84138	0.84748	0.85363	0.85982	0.85891	0.85799

1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
0.99968	0.99966	0.99967	0.99969	0.99971	0.99971	0.99973	0.99970	0.99971	0.99971	0.99973
0.99929	0.99926	0.99929	0.99934	0.99939	0.99937	0.99940	0.99934	0.99936	0.99936	0.99941
0.99884	0.99881	0.99886	0.99895	0.99903	0.99898	0.99901	0.99892	0.99895	0.99895	0.99904
0.99834	0.99832	0.99839	0.99853	0.99864	0.99855	0.99857	0.99845	0.99849	0.99848	0.99863
0.99780	0.99780	0.99790	0.99809	0.99822	0.99809	0.99809	0.99794	0.99800	0.99797	0.99819
0.99723	0.99726	0.99740	0.99763	0.99778	0.99762	0.99759	0.99741	0.99750	0.99744	0.99773
0.99665	0.99672	0.99690	0.99716	0.99732	0.99714	0.99707	0.99687	0.99700	0.99690	0.99726
0.99607	0.99620	0.99642	0.99667	0.99684	0.99667	0.99656	0.99634	0.99652	0.99638	0.99678
0.99548	0.99568	0.99594	0.99618	0.99636	0.99621	0.99604	0.99581	0.99604	0.99586	0.99631
0.99490	0.99518	0.99546	0.99567	0.99586	0.99575	0.99552	0.99530	0.99557	0.99536	0.99584
0.99433	0.99469	0.99498	0.99516	0.99536	0.99529	0.99500	0.99480	0.99510	0.99487	0.99537
0.99378	0.99423	0.99450	0.99464	0.99486	0.99482	0.99447	0.99431	0.99463	0.99439	0.99490
0.99323	0.99376	0.99402	0.99414	0.99436	0.99434	0.99395	0.99383	0.99416	0.99392	0.99443
0.99269	0.99327	0.99352	0.99364	0.99386	0.99386	0.99342	0.99334	0.99367	0.99343	0.99396
0.99216	0.99276	0.99301	0.99314	0.99335	0.99336	0.99288	0.99284	0.99316	0.99293	0.99347
0.99160	0.99223	0.99249	0.99265	0.99283	0.99284	0.99235	0.99234	0.99265	0.99242	0.99296
0.99103	0.99164	0.99194	0.99214	0.99230	0.99232	0.99180	0.99181	0.99211	0.99187	0.99244
0.99041	0.99102	0.99137	0.99160	0.99173	0.99177	0.99124	0.99127	0.99155	0.99130	0.99189
0.98975	0.99034	0.99076	0.99103	0.99113	0.99120	0.99064	0.99070	0.99098	0.99068	0.99132
0.98903	0.98961	0.99011	0.99040	0.99048	0.99058	0.99002	0.99011	0.99036	0.99003	0.99071
0.98825	0.98881	0.98940	0.98972	0.98979	0.98992	0.98935	0.98946	0.98971	0.98932	0.99007
0.98739	0.98794	0.98864	0.98897	0.98904	0.98919	0.98864	0.98876	0.98900	0.98857	0.98937
0.98644	0.98699	0.98781	0.98813	0.98823	0.98837	0.98788	0.98799	0.98823	0.98777	0.98862
0.98540	0.98596	0.98689	0.98719	0.98735	0.98746	0.98706	0.98713	0.98739	0.98691	0.98780
0.98426	0.98481	0.98588	0.98614	0.98638	0.98644	0.98616	0.98617	0.98646	0.98598	0.98689
0.98299	0.98355	0.98474	0.98498	0.98531	0.98530	0.98516	0.98511	0.98544	0.98497	0.98590
0.98158	0.98216	0.98347	0.98368	0.98412	0.98405	0.98402	0.98394	0.98433		0.98479
0.98002	0.98064	0.98204	0.98224	0.98279	0.98268		0.98265	0.98310	0.98260	0.98358
0.97829	0.97897	0.98042	0.98065	0.98130	0.98116		0.98123	0.98173		0.98224
0.97635	0.97714	0.97859	0.97889	0.97963	0.97951	0.97966	0.97967	0.98021	0.97965	0.98070
0.97420	0.97513	0.97655	0.97692	0.97777	0.97772	Provide Observations	0.97796	0.97851	0.97794	
0.97184	The second second second	And to http://doi.org	0.97472	0.97571	0.97577	0.97584	0.97606	0.97662	A MARIE TOWNS	0.97729
0.96923		0.97179	0.97226	0.97342	0.97362	CHARLES CONTRACTOR	0.97396	0.97451	0.97401	0.9752
0.96637	0.96781	0.96908	0.96952	0.97090	0.97126		0.97163	0.97216	000000000000000000000000000000000000000	
0.96324			0.96649	0.96811	0.96865		0 10002 000000000	U. W W C C C C C C.		Property and the second second
0.95983				0.96502						
0.95612	5-27		1007 300 200	0.96162				1		
0.95207		The Country of the Co	120 ONE 600 CO	0.95788						
0.94768	 carrieva ve carridi 	1 30 27 POLES	29/21/2017/2017 Section 1	0.95379	CASTO WHITE STILL			- Contain Section		
0.94293				0.94934			555.25	The Thirty of the	and the second section of	
0.93778			1 SEC. C. C. (1886)	0.94452	0.000		CYCLUSTER THE		The second second second	0.000
0.93222				0.93933					Commence and the commence of t	
0.92620				0.93371						
0.91967		1		0.92762	1					
0.91257	A					0.92302				
0.90485	0.90808	0.91202	0.90948	0.91378	0.91759	0.91605	0.91846	0.92089	0.92072	0.92320

١	0.89644	0.89988	0.90402	0.90115	0.90590	0.91005	0.90852	0.91110	0.91379	0.91348	0.91603
١	0.88730	0.89100	0.89528	0.89215	0.89732	0.90177	0.90039	0.90305	0.90605	0.90561	0.90818
١	0.87738	0.88139	0.88577	0.88242	0.88801	0.89273	0.89162	0.89424	0.89766	0.89706	0.89967
١	0.86664	0.87096	0.87541	0.87190	0.87791	0.88286	0.88213	0.88457	0.88851	0.88777	0.89045

1990	1991	1992	1993	1994	1995
0.99971	0.99974	0.99977	0.99980	0.99983	0.99986
0.99937	0.99943	0.99949	0.99955	0.99961	0.99967
0.99898	0.99907	0.99916	0.99925	0.99934	0.99943
0.99856	0.99867	0.99878	0.99889	0.99900	0.99911
0.99811	0.99825	0.99839	0.99853	0.99867	0.99881
0.99765	0.99781	0.99797	0.99813	0.99829	0.99845
0.99719	0.99736	0.99753	0.99770	0.99787	0.99804
0.99673	0.99690	0.99707	0.99724	0.99741	0.99758
0.99629		0.99661	0.99676	0.99692	0.99708
0.99585	0.99598	0.99611	0.99624	0.99637	0.99650
0.99541	0.99550	0.99559	0.99568	0.99577	0.99586
0.99497	0.99500	0.99503	0.99506	0.99509	0.99512
0.99452	0.99449	0.99446	0.99443	0.99440	0.99437
0.99407	0.99398	0.99389	0.99380	0.99371	0.99362
0.99360	0.99345	0.99330	0.99315	0.99300	0.99285
0.99311	0.99291	0.99271	0.99252	0.99232	0.99212
0.99260	0.99238	0.99216	0.99194	0.99172	0.99150
0.99205	0.99182	0.99159	0.99137	0.99114	
0.99147	0.99125	0.99102	0.99079	0.99056	
0.99086	G45155557 /		100	0.98999	0.98977
0.99021	0.99000	0.98979	The second secon		1
0.98951	2004	0.98910	The second second	0.98868	
0.98877	0.98856	Company of the Company	ACCOUNT OF A STATE OF	0.98794	
0.98798		1		THE RESIDENCE OF THE RE	100 A PA 18 70 1
0.98713		0.98668			
0.98621				A	100000000000000000000000000000000000000
0.98521	543 547 miles				
0.98411		The second second			
0.98290		The state of the s	The real property		
0.98157		The same of the sa	100 24 0 00 00		The second secon
0.98007	THE STREET	0.0000000000000000000000000000000000000	The second secon		Description Control
0.9784					The state of the s
0.97656				1 2 1 2 1 2 2 2	The second section is a second section of the second section in the second section is a second section of the second section in the second section is a second section of the second section in the second section is a second section of the second section of the second section is a second section of the
0.97449		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1	The second second
0.97219			0.97198		
0.96964					1
0.96684		The second secon		1	
0.96376	and the state of t		The second second	The state of the s	the state of the s
0.9604	(B)	The second second		1	and the second second
0.95676			7	The second second	10.000.000.000
0.95280					
0.94849					
0.9438					
0.9386					
0.9330					
0.9268	District Control of the	The second secon	The second second		1
1 0.9201	ц 0.92102	4 0.9251	0.9240	g 0.920F	0.72112

١	0.91266	0.91433	0.91601	0.91769	0.91937	0.92105
١	0.90452	0.90636	0.90820	0.91005	0.91190	0.91376
١	0.89564	0.89765	0.89967	0.90169	0.90371	0.90574

Sources: Australian Bureau of Statistics, Australian Demography, Bulletin, No. 43, pp. 272-273.

Australian Bureau of Statistics, Census of the Commonwealth of Australia, 1933, pp. 8-9.

Australian Bureau of Statistics, Deaths, Australia, Various Years.

Table B-5: Estimated Male Probability of Future Survival, Aged 15, 30, 45, and 60

I ADIC D	S. Estili	HOLDER TATE	HC I I OOG	AFAARCJ OL				, ,		
Aged 15	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956
15	0.99885	0.99886	0.99887	0.99888	0.99888	0.99889	0.99890	0.99891	0.99896	0.99901
16	0.99758	0.99759	0.99759	0.99760	0.99760	0.99761	0.99762	0.99762	0.99772	0.99782
17	0.99620	0.99619	0.99618	0.99617	0.99616	0.99615	0.99614	0.99613	0.99627	0.99640
18	0.99472		0.99465	0.99462	0.99458	0.99455	0.99452	0.99448	0.99462	0.99476
19	0.99313	0.99307	0.99301	0.99295	0.99288	0.99282	0.99276	0.99270	0.99284	0.99299
20	0.99145	0.99137	0.99128	0.99120	0.99111	0.99102	0.99094	0.99085	0.99102	0.99118
21	0.98973	0.98962	0.98952	0.98941	0.98931	0.98920	0.98910	0.98899	0.98918	0.98937
22	0.98799	0.98787	0.98775	0.98763	0.98751	0.98739	0.98727	0.98715	0.98737	0.98758
23	0.98629	0.98616	0.98603	0.98590	0.98576	0.98563	0.98550	0.98537	0.98561	0.98586
24	0.98465	0.98450	0.98436	0.98422	0.98407	0.98393	0.98378	0.98364	0.98392	0.98420
25	0.98304		0.98274	0.98258	0.98243	0.98228	0.98212	0.98197	0.98228	0.98259
26	0.98144	0.98128	0.98112	0.98096	0.98080	0.98065	0.98049	0.98033		0.98101
27	0.97981	0.97965	0.97950	0.97934	0.97918	0.97903	0.97887	0.97871	0.97908	0.97945
28	0.97813	0.97799	0.97784	0.97769		The state of the s		0.97710		0.97787
29	0.97639	0.97626	0.97613	0.97600	0.97586	0.97573	0.97560	0.97547		0.97628
30	0.97458	0.97447	0.97436	0.97425	0.97414		0.97392	0.97381	0.97423	0.97465
31	0.97269	0.97260	0.97252	0.97244	0.97236		The second second second	0.97211	0.97255	0.97299
32	0.97073	0.97068	0.97063	0.97057	0.97052			0.97036	The second second	0.97128
33	0.9687	0.96869	0.96867	0.96864	0.96862	0.96860		0.96855	100000000000000000000000000000000000000	0.96950
34	0.9666		0.96662	0.96663	0.96664			0.96666		
35	0.9644	0.9644	0.96448	0.96452			# 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.96468		
36	0.9620	6 0.96214	0.96221	0.96228	The second secon			0.96257		
37	0.9595	4 0.95965	0.95977	0.95988				1 3073737357	The second second	
38	0.9568	0.95698	0.95713			and the second second				
39	0.9538	8 0.9540	0.95428	0.95448						0.95635
40	0.9506	7 0.95092	0.95118	0.9514				10000000		The state of the s
41	0.9471	4 0.9474	0.9477	0.94809						
42	0,9432	6 0.9436	0.94404							
43	0.9390	0.9394	7 0.93994	The second secon					100000000000000000000000000000000000000	
44	0.9343	1 0.9348		the state of the s	The second secon	1	The state of the s	The second second	The second secon	
45	0.9291	3 0.9297			The state of the s		The second second			
46	0.9234							Approximation and a second sec	The state of the state of	A Marian Maria Control
47	0.9171	5 0.9180				1.00		1 1 1 1 1 1 1 1 1		
48	0.9102								7	
49	0.9026		The state of the s							
50	0.8943	7 0.8956								
51	0.8853	Annual Control of the	THE RESERVE OF THE PARTY OF THE	The same of the sa		The second second				
52	0.8754		Company of the Compan		The same and the same and the same and	The second secon				
53	0.8646				The second second	THE RESERVE THE PARTY OF THE PARTY.	THE RESERVE AND ADDRESS OF THE PARTY OF THE	A A STANDARD TO		
54	0.8529	8 0.8546		The second second		THE PROPERTY OF STATE				A Comment of the
55	0.8403	6 0.8420	7 0.8437				The second secon			
56	0.8267	4 0.8285	1 0.8302	0.8320	6 0.8338	4 0.8356	2 0.8374	0.8391	0.8399	8 0.84077

		i i		1		1		1	1	
57	0.81213	0.81394	0.81575	0.81757	0.81940	0.82123	0.82306	0.82489	0.82576	0.82663
58	0.79650	0.79835	0.80019	0.80205	0.80390	0.80577	0.80763	0.80950	0.81044	0.81138
59	0.77983	0.78170	0.78357	0.78545	0.78734	0.78922	0.79112	0.79301	0.79400	0.79499
60	0.76207	0.76396	0.76585	0.76775	0.76966	0.77157	0.77348	0.77540	0.77642	0.77744
61	0.74314	0.74506	0.74697	0.74890	0.75082	0.75276	0.75469	0.75664	0.75765	0.75867
62	0.72299	0.72493	0.72688	0.72883	0.73079	0.73275	0.73472	0.73669	0.73768	0.73866
63	0.70157	0.70355	0.70553	0.70752	0.70951	0.71151	0.71352	0.71553	0.71646	0.71739
64	0.67888	0.68090	0.68292	0.68495	0.68699	0.68903	0.69108	0.69314	0.69400	0.69486
						-0.000				
1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
0.99906	0.99910	0.99915	0.99920	0.99925	0.99924	0.99923	0.99923	0.99922	0.99921	0.99922
0.99791	0.99801	0.99811	0.99820	0.99830	0.99827	0.99825	0.99822	0.99820	0.99817	0.99816
0.99654	0.99667	0.99680	0.99694	0.99707	0.99701	0.99696	0.99690	0.99684	0.99678	0.99673
0.99490	0.99503	0.99517	0.99531	0.99545	0.99538	0.99531	0.99524	0.99518	0.99511	0.99497
0.99313	0.99328	0.99342	0.99356	0.99371	0.99361	0.99352	0.99342	0.99333	0.99324	0.99304
0.99134	0.99150	0.99166	0.99182	0.99199	0.99185	0.99172	0.99158	0.99145	0.99131	0.99107
0,98955	0.98974	0.98993	0.99011	0.99030	0.99014	0.98997	0.98981	0.98964	0.98948	0.98919
0.98780	0.98802	0.98823	0.98845	0.98867	0.98848	0.98830	0.98812	0.98794	0.98776	0.98744
0.98611	0.98636	0.98661	0.98686	0.98710	0.98691	0.98672	0.98652	0.98633	0.98614	0.98581
0.98448	0.98476	0.98504	0.98532	0.98560	0.98541	0.98522	0.98503	0.98484	0.98465	0.98432
0.98291	0.98322	0.98353	0.98384	0.98415	0.98397	0.98378	0.98359	0.98340	0.98321	0.98288
0.98291	0.98322	0.98333	0.98238	0.98273	0.98254	0.98235	0.98216	0.98196	0.98177	0.98147
		0.98204	0.98238	0.98273	0.98109	0.98090	0.98071	0.98052	0.98033	0.98005
0.97981	0.98018	1	100000000000000000000000000000000000000	0.97981	0.98109	0.97944	0.93071	0.98032	0.98033	0.97863
0.97826	0.97865	0.97903	0.97942			August and August States	-		0.97744	0.97720
0.97668	0.97709	0.97750	0.97790	0.97831	0.97814	0.97796	0.97779	0.97761		
0.97508	0.97550	0.97593	0.97635	0.97678	0.97662	0.97646	0.97629	0.97613	0.97597	0.97574
0.97344	0.97388	0.97432	0.97476	0.97520	0.97505	0.97490	0.97475	0.97459	0.97444	0.97423
0.97174	0.97220	0.97266	0.97312	0.97357	0.97343	0.97328	0.97314	0.97299	0.97284	0.97265
0.96997	0.97045	0.97093	0.97140	0.97188	0.97173	0.97158	0.97143	0.97128	0.97113	0.97098
0.96813	0.96863	0.96912	0.96961	0.97010	0.96994	0.96978	0.96962	0.96947	0.96931	0.96919
0.96619	0.96670	0.96721	0.96771	0.96822	0.96804	0.96787	0.96769	0.96751	0.96734	0.96725
0.96413	0.96465	0.96517	0.96569	0.96621	0.96601	0.96581	0.96561	0.96541	0.96521	0.96516
0.96191	0.96244	0.96296	0.96349	0.96402	0.96380	0.96357	0.96335	0.96313	0.96290	0.96290
0.95950	0.96004	0.96057	0.96111	0.96164	0.96139	0.96114	0.96089	0.96064	0.96039	0.96043
0.95689	0.95742	0.95796	0.95849	0.95903	0.95875	0.95848	0.95820	0.95793	0.95765	0.95774
0.95403	0.95456	0.95509	0.95562	0.95615	0.95585	0.95556	0.95526	0.95497	0.95467	0.95481
0.95092	0.95144	0.95196	0.95247	0.95299	0.95268	0.95237	0.95205	0.95174	0.95143	0.95162
0.94751	0.94801	0.94851	0.94902	0.94952	0.94919	0.94886	0.94853	0.94820	100 P.M. J. B. Market 1999	
0.94377	0.94425	0.94474	0.94523	0.94572	0.94537	0.94502	0.94467	0.94432	0.94397	0.94425
0.93966		0.94060	0.94107	0.94155	0.94118	0.94081	0.94044	0.94007	0.93970	0.94002
0.93514	1.00		0.93652	0.93698	0.93658	0.93619	0.93579	0.93540	0.93500	0.93535
0.93016		177		0.93197		0.93112	0.93069	0.93026	0.92984	0.93021
0.92466		the second secon	0.92601	0.92646		0.92553	0.92507	0.92461	0.92415	0.92455
0.91859		100 Jan 1	0.91995	0.92040		0.91939	the same of the same of	0.91839		
0.91188	4.000	1 1 1 1 1 1 1 1 1 1		0.91374	1000	The state of the s	Carried States	0.91153		
0.90447	(Nathan Park)	Secretary Street		0.90639	and the second second	The same of the same of	0.90458	0.90398	V 27.00	The second secon
0.89629	2.5	100000000000000000000000000000000000000	0.89780	0.89831	The second second	A COLUMN TO SERVICE AND A SERV		0.89569		and the same of th
0.88727	1	-	0.88888	0.88942	The state of the s	0.88800		0.88659		The second second
0.87734	100000000000000000000000000000000000000			0.88942		0.87814	200	0.87661	580000000000000000000000000000000000000	
	0.713.7.51		9 (10)	0.86900						
0.86644	The state of the s	to the same of				11 17 17		100000000000000000000000000000000000000		
0.85452		2000000	1 - 5 1 4 10 4	0.85737	The State of the Land			1000		11 /
0.84155	The second second second second				and the second					
0.82749	0.82836	0.82923	0.83010	0.83097	0.82994	0.82892	0.02769	0.82687	0.82585	0.62030

0.81231	0.81325	0.81419	0.81513	0.81608	0.81497	0.81386	0.81275	0.81164	0.81054	0.81128
0.79598	0.79698	0.79797	0.79896	0.79996	0.79876	0.79756	0.79636	0.79517	0.79398	0.79475
0.77846	0.77948	0.78050	0.78153	0.78255	0.78126	0.77996	0.77867	0.77738	0.77609	0.77692
0.75969	0.76071	0.76174	0.76276	0.76379	0.76239	0.76100	0.75961	0.75822	0.75683	0.75771
0.73965	0.74064	0.74164	0.74263	0.74362	0.74212	0.74063	0.73913	0.73764	0.73616	0.73708
0.71833	0.71926	0.72019	0.72113	0.72207	0.72046	0.71885	0.71725	0.71566	0.71407	0.71504
0.69572	0.69658	0.69745	0.69831	0.69918	0.69744	0.69572	0.69399	0.69227	0.69056	0.69162
0.05572	0.07000	0.05 / 45								
1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
0.99922	0.99923	0.99923	0.99924	0.99925	0.99926	0.99928	0.99929	0.99930	0.99920	0.99911
0.99815	100 TH 100 TH	0.99812	0.99811	0.99813	0.99815	0.99818	0.99820	0.99822	0.99809	0.99795
0.99667	0.99661	0.99655	0.99649	0.99653	0.99657	0.99660	0.99664	0.99667	0.99660	0.99653
0.99483	0.99470	0.99456	0.99442	0.99446	0.99449	0.99453	0.99456	0.99460	0.99474	0.99488
0.99284	0.99264	0.99244	0.99224	0.99228	0.99232	0.99236	0.99240	0.99244	The second second	0.99305
0.99083	0.99058	0.99034	0.99010	0.99017	0.99024	0.99031	0.99038	0.99045	0.99078	0.99111
0.98890	0.98862	0.98833	0.98804		0.98827	0.98839	0.98851	0.98862	0.98889	0.98916
0.98713		0.98650	0.98618		0.98649	0.98665	0.98680	0.98695		0.98727
0.98549		0.98485	0.98453	117.75	0.98488	0.98505	0.98523	0.98540	0.98544	0.98548
0.98398	The second second	0.98332	0.98299	0.98318	0.98338	0.98357	0.98376	0.98396		0.98382
0.98256	* * * * * * * * * * * * * * * * * * *	0.98191	0.98158		0.98199	0.98219	0.98239	0.98259	0.98244	0.98228
0.98116		0.98055	0.98025	and the same of th	0.98066	0.98086	0.98107	0.98127	0.98106	0.98085
0.97977		0.93032	0.97893	- The second	0.97935	0.97957	0.97978	0.98000	0.97975	0.97951
0.97837	0.97811	0.97785	0.97760	1	0.97805	0.97828	0.97851	0.97874		0.97821
		0.97647	0.97623		0.97674	0.97699	0.97724	0.97750	0.97722	0.97695
0.97695		0.97505	0.97482		0.97539	0.97568	0.97596	0.97625	100000000000000000000000000000000000000	0.97570
0.97551	0.97528	0.97359	0.97482		0.97401	0.97432	0.97463	0.97495	10120404	0.97443
0.97402	100 100	0.97339	0.97190	The second second	0.97401	0.97292	0.97326	0.97360		0.97314
0.97247		0.97209	0.97130	I married and	0.97109	0.97146	100	0.97219		0.97179
0.97082		0.96883	0.96871	The state of the s	0.96950	0.96990	0.97029	0.97069	and the second second second	0.97038
0.96907		0.96699	0.96690		0.96777	0.96820	0.96863	0.96906	Contract to the Contract of the	0.96889
0.9671		0.96501	0.96496	100000000000000000000000000000000000000	0.96590	0.96637	0.96684	0.96731	0.96730	0.96729
0.9651		0.96301	0.96287	2 1125	0.96388		0.96489	0.96539	THE RESERVE OF THE PARTY OF THE	0.96556
The second second		0.96266	0.96287		0.96166	0.96221	0.96275	0.96329	1000	0.96367
0.96047	100000000000000000000000000000000000000	0.95798			0.95923		0.96039	0.96097		0.96158
0.95495		0.95522	0.95535	The state of the s	If the same of the			0.95840		0.95926
0.9518	A STATE OF THE SHAPE	0.95219	0.95238	The same of the same of	0.95366	0.95429	Land Control of the C	0.95557		0.95668
0.9316	N 1005 No. 100 HOLES	and and and the said		W. W	and the second second			0.95242		0.95381
100 DO 200	TANK BASE				\$50,000 Pt. 10.50	The state of the s	and the second second second	The second	and the second section in	
0.94453	1 1 1 1 1 1 1 1 1		***************************************					T-4030-1140	En	SALES CONTRACTOR
0.93570				7,000	12000			1000000		
		10 C = 3 a 1						1000		100 100 100 100 100 100 100 100 100 100
0.93059										
0.9249		The state of the s			100000000000000000000000000000000000000		11/24/8/2014 19			
0.9187	100	M. T. Asia	and the Control of the Labour Control	1117777		1				
0.9119			Towns worth 193 Charles	The same of the sa	The second section is a second		1			
0.9043	A STATE OF THE PARTY OF THE PAR			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	The second second			Land to the second second		
0.8961			The second secon	10.110	1		The second second second second		The state of the s	
0.8870				and the second second	1	1		1	Maria Caracteria	
0.8770				1 4 1 A				The second second		
0.8661	1		1	11/01/01/01						0.88540
0.8542				Charles and the second					The second secon	
0.8413	All the second		A CONTRACTOR OF THE PARTY OF TH	7757				1	100 100 100 100 100 100 100 100 100 100	
0.82720		The second second	A CONTRACTOR OF THE PARTY OF TH		and the second second			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.83456	
0.8120	0.81278	0.81553	0.81428	0.81727	0.8202	0.02325	0.82631	U.0293.	0.03430	0.05904

Logocco	0.20620	0.79708	0.79786	0.80120	0.80456	0.80793	0.81132	0.81472	0.82022	0.82576
0.79553	0.79630	MANAGE PARTY	0.79780	0.78395	0.78767	0.79142	0.79518	0.79896	0.80473	0.81055
0.77775	0.77858	0.77941		0.76534	0.76947	0.77362	0.77779	0.78198	0.78804	0.79415
0.75859	0.75948	0.76036	0.76124	0.74533	0.74989	0.75448	0.7799	0.76374	0.77010	0.77651
0.73801	0.73894	0.73986	0.74079		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	0.73448	0.73909	0.74421	0.75087	0.75759
0.71601	0.71699	0.71796	0.71894	0.72392	0.72894		Company of the Control	THE - CONTROL OF THE PARTY OF T	100	
0.69268	0.69375	0.69482	0.69588	0.70129	0.70675	0.71224	0.71778	0.72336	0.73032	0.73735
1050	1000	1001	1000	1002	1984	1985	1986	1987	1988	1989
1979	1980	1981	1982	1983					0.99931	
0.99920	0.99920	0.99926	0.99920	0.99930	0.99938	0.99933	0.99933	0.99936		0.99938
0.99816	0.99817	0.99829	0.99819	0.99841	0.99859	0.99845	0.99846	0.99853	0.99841	0.99858
0.99688	0.99691	0.99710	0.99697	0.99732	0.99762	0.99736	0.99739	0.99749	0.99730	0.99760
0.99539	0.99546	0.99572	0.99557	0.99607	0.99647	0.99608	0.99614	0.99627	0.99601	0.99646
0.99374	0.99385	0.99419	0.99402	0.99467	0.99518	0.99464	0.99474	0.99489	0.99456	0.99520
0.99199	0.99218	0.99259	0.99239	0.99318	0.99379	0.99311	0.99325	0.99342	0.99301	0.99385
0.99021	0.99048	0.99097	0.99074	0.99165	0.99234	0.99153	0.99171	0.99191	0.99140	0.99243
0.98846	0.98881	0.98939	0.98910	0.99011	0.99091	0.98996	0.99017	0.99040	0.98978	0.99101
0.98677	0.98721	0.98787	0.98752	0.98860	0.98951	0.98843	0.98868	0.98893	0.98816	0.98957
0.98516	0.98569	0.98641	0.98600	0.98712	0.98818	0.98696	0.98723	0.98752	0.98659	0.98814
0.98363	0.98424	0.98503	0.98454	0.98569	0.98693	0.98555	0.98585	0.98616	0.98506	0.98672
0.98218	0.98286	0.98372	0.98313	0.98430	0.98572	0.98419	0.98452	0.98484	0.98358	0.98531
0.98078	0.98152	0.98246	0.98176	0.98296	0.98456	0.98287	0.98323	0.98356	0.98214	0.98391
0.97943	0.98023	0.98124	0.98044	0.98165	0.98341	0.98158	0.98197	0.98230	0.98072	0.98251
0.97811	0.97899	0.98004	0.97915	0.98039	0.98226	0.98031	0.98073	0.98106	0.97934	0.98113
0.97681	0.97777	0.97886	0.97787	0.97918	0.98109	0.97907	0.97948	0.97983	0.97797	0.97974
0.97552	0.97657	0.97769	0.97661	0.97800	0.97991	0.97784	0.97823	0.97861	0.97661	0.97835
0.97422	0.97536	0.97649	0.97535	0.97685	0.97872	0.97663	0.97696	0.97738	0.97525	0.97694
0.97290	0.97410	0.97526	0.97408	0.97570	0.97752	0.97542	0.97569	0.97615	0.97390	0.97551
0.97154	0.97278		0.97279	0.97455	0.97631	0.97421	0.97441	0.97489	0.97253	0.97404
0.97011	0.97137	0.97261	0.97144	0.97337	0.97508	0.97298	0.97310	0.97359	0.97116	0.97253
0.96861	0.96985	0.97115	0.97001	0.97213	0.97379	0.97172	0.97176	0.97222	0.96976	0.97098
0.96700	0.96822	0.96945	0.96848	0.97079	0.97242	0.97039	0.97037	0.97079	0.96832	0.96941
0.96526	0.96646	0.96774	0.96685	0.96932	0.97093	0.96896	0.96888	0.96927	0.96680	0.96782
0.96336	0.96454	0.96587	0.96507	0.96771	0.96929	0.96740	0.96727	0.96766	0.96518	0.96619
0.96126	0.96242	0.96381	0.96312	0.96593	0.96747	0.96568	0.96551	0.96595	0.96341	0.96452
0.95890	0.96007	0.96154	0.96096	0.96396	The second second	0.96377	0.96356	0.96411	0.96147	0.96277
0.95626				0.96177	Action to the contract of			0.96214		0.96092
0.95328	0.95452	0.95622	0.95589			0.95926				F. C. A. P
0.94995	0.95123	0.95310	0.95288	0.95666	0.95815	The state of the s	200 1000 1000			
0.94622	0.94756	0.94963	0.94953	0.95368	0.95523	0.95372	0.95368			0.000
0.94207	0.94347	0.94577	0.94579	0.95035	0.95203	0.95051				CONTRACTOR OF THE
0.93747	0.93891	0.94146	0.94163	0.94662	0.94851	0.94697				
0.93238	0.93385	0.93667	0.93702	0.94245	0.94461	0.94305	0.94345	0.94487	0.94201	0.94498
0.92677	0.92826	0.93136	0.93192	0.93776	0.94029	0.93873	0.93928	0.94070	0.93810	0.94111
0.92058	0.92209	0.92548	0.92630	0.93250	0.93548	0.93393	0.93464	0.93610	0.93377	0.93680
0.91377	0.91534	0.91899	0.92006	0.92660	0.93012	0.92860	0.92948	0.93099	0.92895	0.93202
0.90628	0.90796	0.91181	0.91317	0.91999	0.92414	0.92264	0.92375	0.92534	0.92360	0.92670
0.89809	0.89993	0.90392	0.90557	0.91264	0.91746	0.91600	0.91738	0.91908	0.91767	0.92083
	0.89120	0.89528	0.89721	0.90452	0.90999	0.90859	0.91033	0.91211	0.91110	0.91435
0.87941			0.88806		0.90167	0.90034	0.90251	0.90436	0.90384	0.90721
0.86884			0.87809		0.89241	0.89120	0.89384	0.89576	0.89579	0.89936
0.85739			0.86724			0.88112	0.88424	0.88625	0.88688	0.89071
The state of the s	Carrier 1971	0.85256			0.87099	0.87006	0.87363	0.87584	0.87700	0.88116
					0.85877	0.85798	0.86199	0.86450	0.86607	0.87061
. 277	-									

I	0.81725	0.82111	0.82578	0.82867	0.83779	0.84554	0.84483	0.84926	0.85223	0.85402	0.85897
١	0.80171	0.80569	0.81086	0.81353	0.82319	0.83128	0.83057	0.83541	0.83900	0.84083	0.84617
١	0.78497	0.78896	0.79482	0.79712	0.80742	0.81600	0.81518	0.82042	0.82473	0.82648	0.83215
١	0.76694	0.77087	0.77758	0.77939	0.79047	0.79965	0.79860	0.80424	0.80934	0.81098	0.81687
l	0.74754	0.75137	0.75905	0.76032	0.77233	0.78219	0.78081	0.78684	0.79272	0.79430	0.80034

1990	1991	1992	1993	1994	1995
0.99944	0.99946	0.99948	0.99950	0.99952	0.99954
0.99871	0.99877	0.99883	0.99889	0.99895	0.99901
0.99780	0.99792	0.99804	0.99816	0.99828	0.99840
0.99672	0.99693	0.99714	0.99735	0.99756	0.99777
0.99552	0.99582	0.99612	0.99642	0.99671	0.99701
0.99421	0.99461	0.99501	0.99541	0.99581	0.99621
0.99286	0.99335	0.99384	0.99432	0.99481	0.99530
0.99149	0.99205	0.99260	0.99316	0.99372	0.99427
0.99012	0.99075	0.99137	0.99200	0.99262	0.99325
0.98876	0.98946	0.99016	0.99087	0.99157	0.99228
0.98739	0.98818	0.98898	0.98977	0.99056	0.99135
0.98603	0.98693	0.98783	0.98873	0.98963	0.99053
0.98466	0.98569	0.98671	0.98774	0.98877	0.98980
0.98328	0.98445	0.98563	0.98680	0.98798	0.98916
0.98189	0.98321	0.98453	The second second	0.98718	0.98850
0.98051	0.98196	0.98342	0.98488	0.98634	0.98780
0.97914	0.98069	0.98224	0.98380	0.98535	0.98691
0.97779	0.97937	0.98096		0.98415	0.98575
0.97645	0.97803	0.97962	0.98121	0.98280	0.98440
0.97512	0.97664		0.97970	0.98123	0.98276
0.97377	0.97522		7.1	0.97956	0.98101
0.97240	0.97375	the state of the s	0.97647	0.97783	0.97919
0.97096	ST 30 100 100 1	The same of the same of the	The second second	0.97611	0.97740
0.96945		The second second	0.97318	0.97443	100
0.96784		- Anna Contract Contract	The first state of the latest	0.97281	0.97406
0.96611	0.96739		0.96995	0.97123	
0.96428		1.4		0.96958	0.97091
0.96231	0.96369		0.96645	0.96784	0.96923
0.96019		5.500	0.96447	0.96590	0.96734
0.95791	0.95936	100 100 100 100 100 100 100 100 100 100	0.96226	0.96372	0.96518
0.95544	TO THE PERSON NAMED IN			0.96123	0.96269
0.95274	1.00	0.95559	0.95702	0.95845	0.95988
0.94980	0.95118		The same of the sa	0.95533	0.95672
0.94656			0.95058	0.95192	0.95327
0.94299	0.94430		0.94691	0.94822	0.94953
0.93903					0.94559
0.93463	the second second			100	
0.92972	L COOK	La constitue of	The state of the s		The state of the s
0.92423	No. of London Control	22 C 2 mark 2 mil	The same of the same of the		17-00
0.91811	2 mm 2 m	A A B A A A A A A A A A A A A A A A A A			
0.91129		The Republic of the Person	the good beautiful to	The state of the s	The second secon
0.90371					
0.89532					
0.88603		0.00			
0.87578					
0.86448	0.86943	0.87441	1 0.07941	0.00440	0.00932

0.85204					
0.83844					
					0.85740
0.80757	0.81481	0.82211	0.82948	0.83692	0.84442

Aged30	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956
30	0.99814	0.99816	0.99819	0.99821	0.99823	0.99825	0.99828	0.99830	0.99832	0.99834
31	0.99620	0.99625	0.99631	0.99636	0.99641	0.99646	0.99651	0.99656	0.99660	0.99664
32	0.99420	0.99428	0.99436	0.99444	0.99453	0.99461	0.99469	0.99477	0.99482	0.99488
33	0.99213	0.99224	0.99235	0.99247	0.99258	0.99269	0.99280	0.99291	0.99298	0.99306
34	0.98998	0.99012	0.99026	0.99041	0.99055	0.99069	0.99083	0.99097	0.99106	0.99115
35	0.98772	0.98790	0.98807	0.98825	0.98842	0.98859	0.98877	0.98894	0.98905	0.98915
36	0.98532	0.98553	0.98574	0.98595	0.98616	0.98637	0.98658	0.98679	0.98691	0.98703
37	0.98274	0.98299	0.98324	0.98348	0.98373	0.98398	0.98423	0.98448	0.98461	0.98474
38	0.97996	0.98025	0.98054	0.98083	0.98112	0.98141	0.98170	0.98200	0.98213	0.98227
39	0.97694	0.97728	0.97762	0.97796	0.97830	0.97864	0.97898	0.97931	0.97945	0.97959
40	0.97365	0.97404	0.97444	0.97483	0.97522	0.97562	0.97601	0.97641	0.97654	0.97667
41	0.97004	0.97049	0.97095	0.97141	0.97187	0.97233	0.97278	0.97324	0.97337	0.97349
42	0.96607	0.96660	0.96713	0,96766	0.96819	0.96872	0.96926	0.96979	0.96990	0.97001
43	0.96170	0.96232	0.96293	0.96354	0.96416	0.96477	0.96539	0.96601	0,96610	0.96620
44	0.95689	0.95760	0.95831	0.95901	0.95972	0.96043	0.96113	0.96184	0.96192	0.96201
45	0.95159	0.95240	0.95320	0.95401	0.95482	0.95563	0.95643	0.95724	0.95732	0.95739
46	0.94575	0.94666	0.94758	0.94849	0.94941	0.95033	0.95124	0.95216	0.95223	0.95229
47	0.93932	0.94035	0.94138	0.94240	0.94344	0.94447	0.94550	0.94653	0.94660	0.94667
48	0.93225	0.93339	0.93454	0.93569	0.93684	0.93799	0.93914	0.94030	0.94037	0.94044
49	0.92449	0.92576	0.92703	0.92830	0.92957	0.93084	0.93212	0.93339	0.93348	0.93357
50	0.91599	0.91738	0.91877	0.92016	0.92156	0.92295	0.92435	0.92575	0.92585	0.92596
51	0.90671	0.90821	0.90972	0.91123	0.91274	0.91425	0.91577	0.91729	0.91742	0.91755
52	0.89658	0.89819	0.89981	0.90143	0.90305	0.90467	0.90630	0.90793	0.90810	0.90828
53	0.88556	0.88727	0.88899	0.89070	0.89242	0.89415	0.89588	0.89761	0.89783	0.89806
54	0.87360	0.87540	0.87720	0.87901	0.88082	0.88263	0.88444	0.88626	0.88655	0.88684
55	0.86067	0.86254	0.86442	0.86629	0.86817	0.87006	0.87195	0.87384	0.87420	0.87456
56	0.84673	0.84866	0.85059	0.85252	0.85446	0.85640	0.85835	0.86030	0.86075	0.86120
57	0.83176	0.83373	0.83570	0.83768	0.83967	0.84165	0.84365	0.84564	0.84618	0.84671
58	0.81576	0.81776	0.81976	0.82177	0.82379	0.82581	0.82783	0.82986	0.83048	0.83109
59	0.79868	0.80071	0.80274	0.80477	0.80681	0.80885	0.81090	0.81296	0.81363	0.81431
60	0.78049	0.78253	0.78458	0.78664	0.78869	0.79076	0.79283	0.79490	0.79561	0.79633
61	0.76111	0.76317	0.76524	0.76732	0.76939	0.77148	0.77357	0. 775 67	0.77639	0.77711
62	0.74047	0.74256	0.74465	0.74676	0.74886	0.75098	0.75309	0.75522	0.75592	0.75661
63	0.71853	0.72065	0.72278	0.72492	0.72706	0.72921	0.73137	0.73353	0.73418	0.73482
64	0.69529	0.69745	0.69962	0.70180	0.70398	0.70617	0.70837	0.71057	0.71116	0.71174
1007	1050	1050	1060	1061	1060	1062	1064	1065	1066	1067
1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
0.99836	0.99837	0.99839	0.99841	0.99843	0.99844	0.99846	0.99847	0.99849	0.99850	0.99851
0.99667	0.99671	0.99675	0.99679	0.99682	0.99684 0.99519	0.99687	0.99689	0.99691	0.99693	0.99696
0.99494	0.99499	0.99505	0.99510	0.99516		0.99521	0.99524	0.99527	0.99530	0.99535
0,99313	0.99320	0.99328	0.99335	0.99343		0.99347	0.99350	0.99352	0.99355	0.99364
0.99125	0.99134	0.99143	0.99152	0.99161	0.99162	0.99164	0.99165	0.99166 0.98967	0.99168	
0.98926	0.98937	The second second	0.98958	0.98968		0.98968	0.98967	The second second second	0.98966	0.98982
0.98715	0.98727	0.98739	0.98751	0.98763	A STATE OF THE PARTY OF	0.98757	0.98754	0.98752	1	0,98768
0.98487	0.98500	0.98513	0.98526	0.98539		0.98529	0.98523	0.98518	0.98513	0.98537
0.98241	0.98255	0.98268	0.98282	0.98296	A STATE OF THE PARTY OF THE PAR	0.98280	0.98272	0.98264	0.98256	0.98284
0.97973	0.97987	0.98001	0.98015	0.98029	0.98018	0.98007	0.97997	0.97986	0.97976	0.98008

0.97681	0.97694	0.97708	0.97721	0.97735	0.97722	0.97709	0.97696	0.97684	0.97671	0.97709
0.97362	0.97374	0.97387	0.97399	0.97412	0.97397	0.97383	0.97368	0.97353	0.97339	0.97383
0.97012	0.97024	0.97035	0.97046	0.97057	0.97041	0.97024	0.97008	0.96991	0.96975	0.97023
0.96630	0.96639	0.96649	0.96659	0.96668	0.96650	0.96631	0.96613	0.96595	0.96576	0.96628
0.96209	0.96217	0.96225	0.96234	0.96242	0.96221	0.96201	0.96180	0.96159	0.96139	0.96195
0.96209	0.95753	0.95761	0.95768	0.95775	0.95752	0.95728	0.95705	0.95681	0.95658	0.95718
0.95746	0.95243	0.95249	0.95256	0.95263	0.95236	0.95210	0.95183	0.95157	0.95130	0.95192
0.93230	0.93243	0.93249	0.94693	0.93203	0.94669	0.94639	0.94609	0.94578	0.94548	0.94612
0.94073	0.94059	0.94066	0.94093	0.94080	0.94046	0.94011	0.93976	0.93941	0.93907	0.93975
A CONTRACTOR OF THE PARTY OF TH	F-1 34 7 K (10 13 A)	July 109-200	0.93391	0.93399	0.93360	0.93320	0.93280	0.93240	0.93201	0.93271
0.93365	0.93374	0.93382	and the second second second	0.93399	0.93500	0.93520	0.92513	0.92468	0.92423	0.92497
0.92606	0.92617	0.92627	0.92638	0.92648	The State of the S	0.92338	0.92513	0.91620	0.91569	0.91647
0.91769	0.91782	0.91795	0.91809		0.91771	0.91721	0.91670	0.91620	0.91509	0.90713
0.90845	0.90862	0.90879	0.90897	0.90914	0.90857	A STATE OF THE PARTY OF THE PAR	DOMESTIC AND A STREET	0.89669	0.89607	0.89689
0.89828	0.89850	0.89873	0.89895	0.89917	0.89855	0.89793	0.89731	A STATE OF THE STA		THE RESERVE OF THE PARTY OF THE
0.88712	0.88741	0.88769	0.88798	0.88827	0.88759	0.88690	0.88622	0.88554	0.88486	0.88572
0.87492	0.87529	0.87565	0.87601	0.87637	0.87563	0.87488	0.87413	0.87339	0.87264	0.87352
0.86164	0.86209	0.86254	0.86299	0.86344	0.86262	0.86180	0.86099	0.86017	0.85935	0.86027
0.84725	0.84778	0.84832	0.84885	0.84939	0.84849	0.84759	0.84670	0.84580	0.84491	0.84584
0.83171	0.83232	0.83294	0.83355	0.83417	0.83318	0.83220	0.83121	0.83023	0.82924	0.83021
0.81498	0.81566	0.81634	0.81702	0.81769	0.81661	0.81553	0.81445	0.81338	0.81230	0.81330
0.79704	0.79775	0.79847	0.79918	0.79990	0.79872	0.79754	0.79636	0.79518	0.79400	0.79505
0.77783	0.77855	0.77927	0.78000	0.78072	0.77943	0.77815	0.77686	0.77558	0.77430	0.77539
0.75731	0.75801	0.75871	0.75941	0.76011	0.75871	0.75732	0.75592	0.75454	0.75315	0.75428
0.73547	0.73612	0.73677	0.73742	0.73807	0.73656	0.73505	0.73355	0.73205	0.73055	0.73172
0.71233	0.71291	0.71350	0.71409	0.71468	0.71303	0.71139	0.70976	0.70813	0.70650	0.70776
1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
1968 0.99852	1969 0.99 85 4	1970 0.99855	1971 0.99856		1973 0.99862	1974 0.99866	1975 0.99869	1976 0.99872	0.99872	0.99872
-				0.99859					0.99872 0.99741	0.99872 0.99742
0.99852	0.99854	0.99855	0.99856	0.99859 0.99714	0.99862	0.99866	0.99869	0.99872	0.99872 0.99741	0.99872
0.99852 0.99699	0.99854 0.99702	0.99855 0.99705	0.99856 0.99708	0.99859 0.99714 0.99566	0.99862 0.99721	0.99866 0.99727	0.99869 0.99733	0.99872 0.99739	0.99872 0.99741	0.99872 0.99742
0. 99852 0. 99699 0. 99541	0.99854 0.99702 0.99546	0.99855 0.99705 0.99551	0.99856 0.99708 0.99557	0.99859 0.99714 0.99566	0.99862 0.99721 0.99575	0.99866 0.99727 0.99584	0.99869 0.99733 0.99593	0.99872 0.99739 0.99602	0.99872 0.99741 0.99606 0.99465	0.99872 0.99742 0.99610
0.99852 0.99699 0.99541 0.99372	0.99854 0.99702 0.99546 0.99381	0.99855 0.99705 0.99551 0.99390	0.99856 0.99708 0.99557 0.99399	0.99859 0.99714 0.99566 0.99411 0.99245	0.99862 0.99721 0.99575 0.99422	0.99866 0.99727 0.99584 0.99434	0.99869 0.99733 0.99593 0.99446 0.99288	0.99872 0.99739 0.99602 0.99457	0.99872 0.99741 0.99606 0.99465 0.99315	0.99872 0.99742 0.99610 0.99472
0.99852 0.99699 0.99541 0.99372 0.99193 0.98998	0.99854 0.99702 0.99546 0.99381 0.99205 0.99013	0.99855 0.99705 0.99551 0.99390 0.99218	0.99856 0.99708 0.99557 0.99399 0.99230	0.99859 0.99714 0.99566 0.99411 0.99245 0.99063	0.99862 0.99721 0.99575 0.99422 0.99259	0.99866 0.99727 0.99584 0.99434 0.99274	0.99869 0.99733 0.99593 0.99446 0.99288 0.99119	0.99872 0.99739 0.99602 0.99457 0.99303	0.99872 0.99741 0.99606 0.99465 0.99315 0.99156	0.99872 0.99742 0.99610 0.99472 0.99328
0.99852 0.99699 0.99541 0.99372 0.99193 0.98998 0.98788	0.99854 0.99702 0.99546 0.99381 0.99205	0.99855 0.99705 0.99551 0.99390 0.99218 0.99029	0.99856 0.99708 0.99557 0.99399 0.99230 0.99045 0.98846	0.99859 0.99714 0.99566 0.99411 0.99245 0.99063 0.98868	0.99862 0.99721 0.99575 0.99422 0.99259 0.99082	0.99866 0.99727 0.99584 0.99434 0.99274 0.99100	0.99869 0.99733 0.99593 0.99446 0.99288 0.99119 0.98935	0.99872 0.99739 0.99602 0.99457 0.99303 0.99137	0.99872 0.99741 0.99606 0.99465 0.99315 0.99156 0.98984	0.99872 0.99742 0.99610 0.99472 0.99328 0.99175
0.99852 0.99699 0.99541 0.99372 0.99193 0.98998 0.98788 0.98561	0.99854 0.99702 0.99546 0.99381 0.99205 0.99013 0.98807 0.98584	0.99855 0.99705 0.99551 0.99390 0.99218 0.99029 0.98826 0.98608	0.99856 0.99708 0.99557 0.99399 0.99230 0.99045	0.99859 0.99714 0.99566 0.99411 0.99245 0.99063 0.98868 0.98658	0.99862 0.99721 0.99575 0.99422 0.99259 0.99082 0.98890	0.99866 0.99727 0.99584 0.99434 0.99274 0.99100 0.98913	0.99869 0.99733 0.99593 0.99446 0.99288 0.99119 0.98935	0.99872 0.99739 0.99602 0.99457 0.99303 0.99137 0.98958	0.99872 0.99741 0.99606 0.99465 0.99315 0.99156 0.98984 0.98798	0.99872 0.99742 0.99610 0.99472 0.99328 0.99175 0.99011
0.99852 0.99699 0.99541 0.99372 0.99193 0.98998 0.98788 0.98561 0.98312	0.99854 0.99702 0.99546 0.99381 0.99205 0.99013 0.98807 0.98584 0.98341	0.99855 0.99705 0.99551 0.99390 0.99218 0.99029 0.98826 0.98608 0.98369	0.99856 0.99708 0.99557 0.99399 0.99230 0.99045 0.98846 0.98632 0.98397	0.99859 0.99714 0.99566 0.99411 0.99245 0.99063 0.98868 0.98658 0.98427	0.99862 0.99721 0.99575 0.99422 0.99259 0.98890 0.98684 0.98457	0.99866 0.99727 0.99584 0.99434 0.99274 0.99100 0.98913 0.98710	0.99869 0.99733 0.99593 0.99446 0.99288 0.99119 0.98935 0.98736 0.98517	0.99872 0.99739 0.99602 0.99457 0.99303 0.99137 0.98958 0.98762 0.98546	0.99872 0.99741 0.99606 0.99465 0.99315 0.99156 0.98984 0.98798	0.99872 0.99742 0.99610 0.99472 0.99328 0.99175 0.99011 0.98834 0.98640
0.99852 0.99699 0.99541 0.99372 0.99193 0.98998 0.98788 0.98561	0.99854 0.99702 0.99546 0.99381 0.99205 0.99013 0.98807 0.98584 0.98341 0.98074	0.99855 0.99705 0.99551 0.99390 0.99218 0.99029 0.98826 0.98608 0.98369 0.98107	0.99856 0.99708 0.99557 0.99399 0.99230 0.99045 0.98846 0.98632 0.98397 0.98140	0.99859 0.99714 0.99566 0.99411 0.99245 0.99063 0.98868 0.98658 0.98427 0.98174	0.99862 0.99721 0.99575 0.99422 0.99259 0.998890 0.98684 0.98457 0.98207	0.99866 0.99727 0.99584 0.99434 0.99274 0.99100 0.98913 0.98710 0.98487 0.98241	0.99869 0.99733 0.99593 0.99446 0.99288 0.99119 0.98935 0.98736 0.98517 0.98275	0.99872 0.99739 0.99602 0.99457 0.99303 0.99137 0.98958 0.98762 0.98546 0.98309	0.99872 0.99741 0.99606 0.99465 0.99315 0.99156 0.98984 0.98593 0.98368	0.99872 0.99742 0.99610 0.99472 0.99328 0.99175 0.99011 0.98834 0.98640 0.98426
0.99852 0.99699 0.99541 0.99372 0.99193 0.98998 0.98761 0.98312 0.98041 0.97747	0.99854 0.99702 0.99546 0.99381 0.99205 0.99013 0.98807 0.98584 0.98341 0.98074 0.97785	0.99855 0.99705 0.99551 0.99390 0.99218 0.99029 0.98826 0.98608 0.98369 0.98107 0.97824	0.99856 0.99708 0.99557 0.99399 0.99230 0.99045 0.98632 0.98397 0.98140 0.97862	0.99859 0.99714 0.99566 0.99411 0.99245 0.99063 0.98868 0.98658 0.98427 0.98174 0.97899	0.99862 0.99721 0.99575 0.99422 0.99259 0.99082 0.98890 0.98684 0.98457 0.98207	0.99866 0.99727 0.99584 0.99434 0.99274 0.99100 0.98913 0.98710 0.98487 0.98241 0.97973	0.99869 0.99733 0.99593 0.99446 0.99288 0.99119 0.98935 0.98736 0.98517 0.98275 0.98010	0.99872 0.99739 0.99602 0.99457 0.99303 0.99137 0.98958 0.98762 0.98546 0.98309 0.98046	0.99872 0.99741 0.99606 0.99465 0.99315 0.99156 0.98798 0.98798 0.98593 0.98368 0.98118	0.99872 0.99742 0.99610 0.99472 0.99328 0.99175 0.99011 0.98834 0.98640 0.98426 0.98189
0.99852 0.99699 0.99541 0.99372 0.99193 0.98788 0.98561 0.98312 0.98041 0.97747	0.99854 0.99702 0.99546 0.99381 0.99205 0.99013 0.98807 0.98584 0.98341 0.98074 0.97785	0.99855 0.99705 0.99551 0.99390 0.99218 0.99029 0.98826 0.98608 0.98107 0.97824 0.97514	0.99856 0.99708 0.99557 0.99399 0.99230 0.99045 0.98846 0.98632 0.98397 0.98140 0.97862 0.97558	0.99859 0.99714 0.99566 0.99411 0.99245 0.99063 0.98868 0.98658 0.98427 0.97899 0.97597	0.99862 0.99721 0.99575 0.99422 0.99259 0.98890 0.98684 0.98457 0.98207 0.97936 0.97637	0.99866 0.99727 0.99584 0.99434 0.99274 0.99100 0.98913 0.98710 0.98487 0.98241 0.97973 0.97677	0.99869 0.99733 0.99593 0.99446 0.99288 0.99119 0.98935 0.98736 0.98517 0.98275 0.98010 0.97716	0.99872 0.99739 0.99602 0.99457 0.99303 0.99137 0.98958 0.98762 0.98309 0.98046 0.97756	0.99872 0.99741 0.99606 0.99465 0.99315 0.99156 0.98984 0.98798 0.98368 0.98118 0.97841	0.99872 0.99742 0.99610 0.99472 0.99328 0.99175 0.99011 0.98834 0.98640 0.98426 0.98189 0.97925
0.99852 0.99699 0.99541 0.99372 0.99193 0.98788 0.98561 0.98312 0.98041 0.97747 0.97426	0.99854 0.99702 0.99546 0.99581 0.99205 0.99013 0.98807 0.98584 0.98341 0.98074 0.97785 0.97470	0.99855 0.99705 0.99551 0.99390 0.99218 0.99029 0.98826 0.98608 0.98369 0.97824 0.97514 0.97168	0.99856 0.99708 0.99557 0.99399 0.99230 0.99045 0.98846 0.98632 0.98397 0.98140 0.97862 0.97558 0.97216	0.99859 0.99714 0.99566 0.99411 0.99245 0.99063 0.98868 0.98658 0.98427 0.978174 0.97899 0.97597	0.99862 0.99721 0.99575 0.99422 0.99259 0.98890 0.98684 0.98457 0.98207 0.97637 0.97303	0.99866 0.99727 0.99584 0.99434 0.99274 0.99100 0.98913 0.98710 0.98487 0.98241 0.97973 0.97677 0.97347	0.99869 0.99733 0.99593 0.99446 0.99288 0.99119 0.98935 0.98736 0.98517 0.98275 0.98010 0.97716 0.97391	0.99872 0.99739 0.99602 0.99457 0.99303 0.99137 0.98958 0.98762 0.98546 0.98309 0.97756 0.97435	0.99872 0.99741 0.99606 0.99465 0.99315 0.99156 0.98984 0.98798 0.98593 0.98118 0.97841 0.97533	0.99872 0.99742 0.99610 0.99472 0.99328 0.99175 0.99011 0.98834 0.98640 0.98426 0.98189 0.97925 0.97631
0.99852 0.99699 0.99541 0.99372 0.99193 0.98998 0.98788 0.98561 0.98312 0.98041 0.97747 0.97426 0.97071	0.99854 0.99702 0.99546 0.99381 0.99205 0.99013 0.98807 0.98584 0.98074 0.97785 0.97470 0.97120 0.96733	0.99855 0.99705 0.99551 0.99390 0.99218 0.99029 0.98826 0.98608 0.98107 0.97824 0.97514 0.97168 0.96786	0.99856 0.99708 0.99557 0.99399 0.99230 0.98846 0.98632 0.98397 0.98140 0.97862 0.97558 0.97216 0.96838	0.99859 0.99714 0.99566 0.99411 0.99245 0.99063 0.98868 0.98658 0.98427 0.98174 0.97899 0.97597 0.97260 0.96886	0.99862 0.99721 0.99575 0.99422 0.99259 0.98890 0.98684 0.98457 0.98207 0.97637 0.97303 0.96934	0.99866 0.99727 0.99584 0.99434 0.99274 0.99100 0.98913 0.98710 0.98487 0.98241 0.97973 0.97677 0.97347	0.99869 0.99733 0.99593 0.99446 0.99288 0.99119 0.98935 0.98736 0.98275 0.98010 0.97716 0.97391 0.97030	0.99872 0.99739 0.99602 0.99457 0.99303 0.99137 0.98958 0.98762 0.98309 0.98046 0.97756 0.97435	0.99872 0.99741 0.99606 0.99465 0.99315 0.98156 0.98798 0.98593 0.98368 0.98118 0.97841 0.97533 0.97191	0.99872 0.99742 0.99610 0.99472 0.99328 0.99175 0.99011 0.98834 0.98640 0.98426 0.98189 0.97925 0.97631 0.97305
0.99852 0.99699 0.99541 0.99372 0.99193 0.9898 0.98561 0.98312 0.98041 0.97747 0.97426 0.97071 0.96681 0.96252	0.99854 0.99702 0.99546 0.99381 0.99205 0.99013 0.98807 0.98584 0.98341 0.98074 0.97785 0.97470 0.97120 0.96733 0.96308	0.99855 0.99705 0.99551 0.99390 0.99218 0.99029 0.98826 0.98608 0.98107 0.97514 0.97514 0.96786 0.96365	0.99856 0.99708 0.99557 0.99399 0.99230 0.99045 0.98632 0.98397 0.98140 0.97862 0.97558 0.97216 0.96838 0.96422	0.99859 0.99714 0.99566 0.99411 0.99245 0.99063 0.98868 0.98658 0.98427 0.98174 0.97899 0.97597 0.97260 0.96886 0.96474	0.99862 0.99721 0.99575 0.99422 0.99259 0.98890 0.98684 0.98457 0.98207 0.97637 0.97303 0.96934 0.96526	0.99866 0.99727 0.99584 0.99434 0.99274 0.99100 0.98913 0.98710 0.98487 0.97677 0.97677 0.97347 0.96982 0.96578	0.99869 0.99733 0.99593 0.99446 0.99288 0.99119 0.98935 0.98736 0.98275 0.98010 0.97716 0.97391 0.97030 0.96631	0.99872 0.99739 0.99602 0.99457 0.99303 0.99137 0.98958 0.98762 0.98309 0.98046 0.97756 0.97435 0.97078	0.99872 0.99741 0.99606 0.99465 0.99315 0.99156 0.98798 0.98593 0.98368 0.98118 0.97841 0.97533 0.97191 0.96813	0.99872 0.99742 0.99610 0.99472 0.99328 0.99175 0.99011 0.98834 0.98640 0.98426 0.98189 0.97925 0.97631 0.97305 0.96944
0.99852 0.99699 0.99541 0.99372 0.99193 0.98988 0.98561 0.98312 0.98041 0.97747 0.97426 0.97071 0.96681 0.96252 0.95777	0.99854 0.99702 0.99546 0.99381 0.99205 0.99013 0.98807 0.98584 0.98341 0.98074 0.97785 0.97470 0.97120 0.96733 0.96308 0.95837	0.99855 0.99705 0.99551 0.99390 0.99218 0.99029 0.98826 0.98608 0.98107 0.97514 0.97168 0.96786 0.96365 0.95897	0.99856 0.99708 0.99557 0.99399 0.99230 0.99045 0.98632 0.98397 0.98140 0.97862 0.97558 0.97216 0.96838 0.96422 0.95957	0.99859 0.99714 0.99566 0.99411 0.99245 0.99063 0.98868 0.98658 0.98427 0.98174 0.97899 0.97260 0.96886 0.96474 0.96014	0.99862 0.99721 0.99575 0.99422 0.99259 0.98890 0.98684 0.98457 0.97303 0.97303 0.96526 0.96072	0.99866 0.99727 0.99584 0.99434 0.99274 0.99100 0.98913 0.98710 0.98487 0.97973 0.97677 0.97347 0.96982 0.96578 0.96130	0.99869 0.99733 0.99593 0.99446 0.99288 0.99119 0.98935 0.98736 0.98517 0.98275 0.98010 0.97716 0.97391 0.97030 0.96631 0.96187	0.99872 0.99739 0.99602 0.99457 0.99303 0.99137 0.98546 0.98546 0.98309 0.98046 0.97756 0.97435 0.96683 0.96245	0.99872 0.99741 0.99606 0.99465 0.99315 0.99156 0.98798 0.98593 0.98368 0.98118 0.97533 0.97191 0.96813 0.96395	0.99872 0.99742 0.99610 0.99472 0.99328 0.99175 0.99011 0.98834 0.98640 0.98426 0.98189 0.97925 0.97631 0.97305 0.96944 0.96546
0.99852 0.99699 0.99541 0.99372 0.99193 0.98998 0.98561 0.98312 0.98041 0.97747 0.97426 0.97071 0.96681 0.96252 0.95777	0.99854 0.99702 0.99546 0.99381 0.99205 0.99013 0.98584 0.98341 0.98074 0.97120 0.97120 0.96733 0.96308 0.95837 0.95316	0.99855 0.99705 0.99551 0.99390 0.99218 0.99029 0.98826 0.98608 0.98369 0.97514 0.97168 0.96786 0.96365 0.95378	0.99856 0.99708 0.99557 0.99399 0.99230 0.99045 0.98632 0.98397 0.98140 0.97862 0.97216 0.96838 0.96422 0.95957 0.95441	0.99859 0.99714 0.99566 0.99411 0.99245 0.99063 0.98868 0.98658 0.98427 0.98174 0.97899 0.97260 0.96886 0.96474 0.96014 0.95505	0.99862 0.99721 0.99575 0.99422 0.99259 0.98890 0.98684 0.98457 0.97303 0.97637 0.97303 0.96526 0.96072 0.95569	0.99866 0.99727 0.99584 0.99434 0.99274 0.99100 0.98913 0.98710 0.98487 0.97973 0.97677 0.97347 0.96578 0.96130 0.95633	0.99869 0.99733 0.99593 0.99446 0.99288 0.99119 0.98935 0.98517 0.98275 0.98010 0.97716 0.97391 0.97030 0.96631 0.96187 0.95697	0.99872 0.99739 0.99602 0.99457 0.99303 0.99137 0.98546 0.98546 0.98309 0.98046 0.97756 0.97435 0.96683 0.96245 0.95762	0.99872 0.99741 0.99606 0.99465 0.99315 0.99156 0.98593 0.98593 0.98368 0.98118 0.97841 0.97533 0.97191 0.96813 0.96395 0.95934	0.99872 0.99742 0.99610 0.99472 0.99328 0.99175 0.99011 0.98834 0.98640 0.98426 0.98189 0.97925 0.97631 0.97305 0.96944 0.96546 0.96107
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0.99852 0.99699 0.99541 0.99372 0.99193 0.98988 0.98788 0.98561 0.98312 0.98041 0.97747 0.97426 0.97071 0.96681 0.96252 0.95777 0.95254 0.94677 0.94043 0.93342	0.99854 0.99702 0.99546 0.99381 0.99205 0.99013 0.98807 0.98584 0.98747 0.97785 0.97470 0.97120 0.96733 0.96308 0.95837 0.95316 0.94742 0.94110 0.93412	0.99855 0.99705 0.99551 0.99390 0.99218 0.99029 0.98826 0.98608 0.98107 0.97514 0.97514 0.97168 0.96786 0.96365 0.95897 0.95378 0.94807 0.94178 0.93483	0.99856 0.99708 0.99557 0.99399 0.99230 0.99045 0.98632 0.98397 0.98140 0.97558 0.97216 0.96838 0.96422 0.95957 0.95441 0.94872 0.94247 0.93554	0.99859 0.99714 0.99566 0.99411 0.99245 0.99063 0.98868 0.98658 0.98427 0.98174 0.97899 0.97597 0.97260 0.96886 0.96474 0.96014 0.95505 0.94943 0.94326 0.93642	0.99862 0.99721 0.99575 0.99422 0.99259 0.998890 0.98684 0.98457 0.97303 0.97637 0.97303 0.96526 0.96072 0.95569 0.95569 0.94405 0.93731	0.99866 0.99727 0.99584 0.99434 0.99274 0.99100 0.98913 0.98710 0.98241 0.97677 0.97677 0.96982 0.96578 0.96130 0.95633 0.95633 0.95866 0.94484 0.93820	0.99869 0.99733 0.99593 0.99446 0.99288 0.99119 0.98935 0.98736 0.98275 0.98010 0.97716 0.97391 0.97631 0.96631 0.96187 0.95697 0.95158 0.94563 0.93908	0.99872 0.99739 0.99602 0.99457 0.99303 0.99137 0.98958 0.98762 0.98309 0.9846 0.97756 0.97435 0.96683 0.96245 0.95762 0.95229 0.94643 0.93997	0.99872 0.99741 0.99606 0.99465 0.99315 0.99156 0.98798 0.98593 0.98368 0.98118 0.97841 0.97533 0.97191 0.96813 0.96395 0.95934 0.95427 0.94256	0.99872 0.99742 0.99610 0.99472 0.99328 0.99175 0.99011 0.98834 0.98640 0.98426 0.98189 0.97925 0.97631 0.97305 0.96944 0.96546 0.96107 0.95626 0.95097 0.94516
0.99852 0.99699 0.99541 0.99372 0.99193 0.9898 0.98561 0.98312 0.98041 0.97747 0.97426 0.97071 0.96681 0.96252 0.95777 0.95254 0.94677 0.94043 0.93342 0.92571	0.99854 0.99702 0.99546 0.99381 0.99205 0.99013 0.98807 0.98584 0.98747 0.97785 0.97470 0.97120 0.96733 0.96308 0.95837 0.95316 0.94742 0.94742 0.93412 0.92645	0.99855 0.99705 0.99551 0.99390 0.99218 0.99029 0.98826 0.98608 0.98107 0.97514 0.97514 0.975168 0.96786 0.96365 0.95897 0.95378 0.94807 0.94178 0.93483 0.92718	0.99856 0.99708 0.99557 0.99399 0.99230 0.99045 0.98846 0.98632 0.98397 0.98140 0.97558 0.97216 0.96838 0.96422 0.95957 0.95441 0.94872 0.94872 0.93554 0.92792	0.99859 0.99714 0.99566 0.99411 0.99245 0.99063 0.98868 0.98658 0.98427 0.98174 0.97899 0.97597 0.97260 0.96886 0.96474 0.96014 0.95505 0.94943 0.94943	0.99862 0.99721 0.99575 0.99422 0.99259 0.998890 0.98684 0.98457 0.97303 0.97637 0.97303 0.96934 0.96526 0.96072 0.95569 0.95015 0.93731 0.92992	0.99866 0.99727 0.99584 0.99434 0.99274 0.99100 0.98913 0.98710 0.98487 0.97677 0.97347 0.96982 0.96578 0.96130 0.95633 0.95086 0.95886 0.93820 0.93091	0.99869 0.99733 0.99593 0.99446 0.99288 0.99119 0.98935 0.98736 0.98275 0.98010 0.97716 0.97391 0.97030 0.96631 0.96187 0.95697 0.95158 0.93908 0.93191	0.99872 0.99739 0.99602 0.99457 0.99303 0.99137 0.98958 0.98762 0.98546 0.97756 0.97435 0.97683 0.96683 0.96245 0.95762 0.95269 0.94643 0.93997 0.93291	0.99872 0.99741 0.99606 0.99465 0.99315 0.99156 0.98984 0.98798 0.98368 0.98118 0.97841 0.97533 0.97191 0.96813 0.96395 0.95934 0.95427 0.94256 0.93585	0.99872 0.99742 0.99610 0.99472 0.99328 0.99175 0.99011 0.98834 0.98640 0.98426 0.98189 0.97925 0.97631 0.97305 0.96944 0.96546 0.96107 0.95626 0.95097 0.94516 0.93879
0.99852 0.99699 0.99541 0.99372 0.99193 0.98988 0.98561 0.98312 0.98041 0.97747 0.97426 0.97071 0.96681 0.96252 0.95777 0.95254 0.94677 0.94043 0.93342 0.92571 0.91725	0.99854 0.99702 0.99546 0.99381 0.99205 0.99013 0.98807 0.98584 0.98740 0.97785 0.97470 0.97120 0.96733 0.96308 0.95837 0.95316 0.94742 0.94742 0.94110 0.92645 0.91802	0.99855 0.99705 0.99551 0.99390 0.99218 0.99029 0.98826 0.98608 0.98107 0.97168 0.96786 0.96786 0.96365 0.95897 0.95378 0.94807 0.94178 0.92718 0.92718	0.99856 0.99708 0.99557 0.99399 0.99230 0.99045 0.98846 0.98632 0.97558 0.97216 0.96838 0.96422 0.95957 0.95441 0.94872 0.94247 0.94257 0.92792 0.91958	0.99859 0.99714 0.99566 0.99411 0.99245 0.99063 0.98868 0.98658 0.98427 0.97260 0.97260 0.96886 0.96474 0.96014 0.95505 0.94943 0.94326 0.93642 0.92892	0.99862 0.99721 0.99575 0.99422 0.99259 0.98890 0.98684 0.98457 0.97303 0.97303 0.96526 0.96072 0.95569 0.95015 0.94405 0.92992 0.92182	0.99866 0.99727 0.99584 0.99434 0.99274 0.99100 0.98913 0.98710 0.98487 0.97677 0.97347 0.97347 0.96578 0.96578 0.96130 0.95633 0.95086 0.94484 0.93820 0.93091 0.92294	0.99869 0.99733 0.99593 0.99446 0.99288 0.99119 0.98935 0.98736 0.98517 0.98275 0.98010 0.97716 0.97391 0.97030 0.96631 0.96631 0.96187 0.95697 0.95158 0.94563 0.93191 0.92406	0.99872 0.99739 0.99602 0.99457 0.99303 0.99137 0.98958 0.98762 0.98546 0.97756 0.97435 0.97683 0.96683 0.95269 0.95229 0.94643 0.93291 0.92519	0.99872 0.99741 0.99606 0.99465 0.99315 0.99156 0.98593 0.98593 0.98368 0.98118 0.97533 0.97191 0.96813 0.96395 0.95934 0.95427 0.94256 0.93585 0.92848	0.99872 0.99742 0.99610 0.99472 0.99328 0.99175 0.99011 0.98834 0.98640 0.98426 0.98189 0.97925 0.97631 0.97305 0.96944 0.96546 0.96107 0.95626 0.95097 0.94516 0.93879 0.93179
0.99852 0.99699 0.99541 0.99372 0.99193 0.98998 0.98561 0.98312 0.98041 0.97747 0.97426 0.97071 0.96681 0.96252 0.95777 0.95254 0.94677 0.94043 0.93342 0.92571 0.91725 0.90794	0.99854 0.99702 0.99546 0.99381 0.99205 0.99013 0.98807 0.98584 0.98740 0.97785 0.97470 0.96733 0.96308 0.95837 0.95316 0.94742 0.94742 0.94110 0.93412 0.92645 0.91802 0.90875	0.99855 0.99705 0.99551 0.99390 0.99218 0.99029 0.98826 0.98608 0.98107 0.97168 0.96786 0.96365 0.95897 0.94807 0.94178 0.94178 0.92718 0.92718 0.91880 0.90956	0.99856 0.99708 0.99557 0.99399 0.99230 0.99045 0.98846 0.98632 0.98397 0.98140 0.97558 0.97216 0.96838 0.96422 0.95957 0.95441 0.94872 0.94247 0.94247 0.93554 0.91037	0.99859 0.99714 0.99566 0.99411 0.99245 0.99063 0.98868 0.98658 0.98427 0.98174 0.97260 0.96886 0.96474 0.96014 0.95505 0.94943 0.94326 0.93642 0.92892 0.92070 0.91164	0.99862 0.99721 0.99575 0.99422 0.99259 0.98890 0.98684 0.98457 0.97303 0.97637 0.97303 0.96526 0.96072 0.95569 0.95015 0.94405 0.93731 0.92992 0.92182 0.91292	0.99866 0.99727 0.99584 0.99434 0.99274 0.99100 0.98913 0.98710 0.98487 0.97347 0.97347 0.96578 0.96578 0.96130 0.95633 0.95086 0.94484 0.93820 0.93820 0.93091 0.92294 0.91420	0.99869 0.99733 0.99593 0.99446 0.99288 0.99119 0.98935 0.98736 0.98517 0.98275 0.98010 0.97716 0.97391 0.97030 0.96631 0.96631 0.96631 0.95697 0.95158 0.94563 0.93908 0.93191 0.92406 0.91549	0.99872 0.99739 0.99602 0.99457 0.99303 0.99137 0.98546 0.98546 0.98309 0.98046 0.97756 0.97683 0.96683 0.96245 0.95762 0.95229 0.94643 0.93997 0.93291 0.92519 0.91677	0.99872 0.99741 0.99606 0.99465 0.99315 0.99156 0.98593 0.98593 0.98368 0.98118 0.97841 0.97533 0.97191 0.96813 0.96395 0.95934 0.95427 0.94870 0.94256 0.93585 0.92848 0.92042	0.99872 0.99742 0.99610 0.99472 0.99328 0.99175 0.99011 0.98834 0.98640 0.98426 0.98189 0.97925 0.97631 0.97305 0.96944 0.96546 0.96107 0.95626 0.95097 0.94516 0.93879 0.93179 0.92409
0.99852 0.99699 0.99541 0.99372 0.99193 0.98998 0.98561 0.98312 0.98041 0.97747 0.97426 0.97071 0.96681 0.96252 0.95777 0.95254 0.94677 0.94043 0.93342 0.92571 0.91725 0.90794 0.89771	0.99854 0.99702 0.99546 0.99581 0.99205 0.99013 0.98807 0.98584 0.98740 0.97120 0.96733 0.96308 0.95837 0.95316 0.94742 0.94110 0.93412 0.92645 0.90875 0.90875 0.89853	0.99855 0.99705 0.99551 0.99390 0.99218 0.99029 0.98826 0.98608 0.98369 0.98107 0.97168 0.96786 0.96365 0.95897 0.94807 0.94178 0.94807 0.94178 0.93483 0.92718 0.91880 0.90956 0.89935	0.99856 0.99708 0.99557 0.99399 0.99230 0.99045 0.98632 0.98397 0.98140 0.97216 0.97216 0.96838 0.96422 0.95957 0.95441 0.94872 0.94247 0.93554 0.91037 0.91037	0.99859 0.99714 0.99566 0.99411 0.99245 0.99063 0.98868 0.98658 0.98427 0.98174 0.97260 0.96886 0.96874 0.96014 0.95505 0.94943 0.94326 0.93642 0.92892 0.92070 0.91164 0.90165	0.99862 0.99721 0.99575 0.99422 0.99259 0.98890 0.98684 0.98457 0.97303 0.96526 0.96526 0.96072 0.95569 0.95015 0.94405 0.93731 0.92992 0.91292 0.90314	0.99866 0.99727 0.99584 0.99434 0.99274 0.99100 0.98913 0.98710 0.98487 0.97347 0.97347 0.96578 0.96578 0.96130 0.95633 0.95086 0.94484 0.93820 0.93820 0.932294 0.91420 0.90462	0.99869 0.99733 0.99593 0.99446 0.99288 0.99119 0.98935 0.98736 0.98517 0.98275 0.98010 0.97716 0.97391 0.97631 0.96631 0.96631 0.96187 0.95697 0.95158 0.94563 0.93908 0.93191 0.92406 0.91549 0.90611	0.99872 0.99739 0.99602 0.99457 0.99303 0.99137 0.98546 0.98546 0.98309 0.98046 0.97756 0.97683 0.96245 0.95229 0.94643 0.93997 0.93291 0.92519 0.91677 0.90760	0.99872 0.99741 0.99606 0.99465 0.99315 0.99156 0.98593 0.98593 0.98118 0.97841 0.97533 0.97191 0.96813 0.96395 0.95934 0.95427 0.94870 0.94256 0.93585 0.92848 0.92042 0.91161	0.99872 0.99742 0.99610 0.99472 0.99328 0.99175 0.99011 0.98834 0.98640 0.98426 0.98189 0.97925 0.97631 0.97305 0.96546 0.96107 0.95626 0.95097 0.94516 0.93879 0.93179 0.92409 0.91563
0.99852 0.99699 0.99541 0.99372 0.99193 0.98998 0.98561 0.98312 0.98041 0.97747 0.97426 0.97071 0.96681 0.96252 0.95777 0.95254 0.94677 0.94043 0.93342 0.92571 0.91725 0.90794	0.99854 0.99702 0.99546 0.99381 0.99205 0.99013 0.98807 0.98584 0.98740 0.97120 0.96733 0.96308 0.95837 0.95316 0.94742 0.94110 0.93412 0.92645 0.91802 0.90875 0.89853 0.88742	0.99855 0.99705 0.99551 0.99390 0.99218 0.99029 0.98826 0.98608 0.98369 0.98107 0.97168 0.96786 0.96365 0.95897 0.94178 0.94178 0.93483 0.92718 0.91880 0.90956 0.89935 0.88827	0.99856 0.99708 0.99557 0.99399 0.99230 0.99045 0.98632 0.98397 0.98140 0.97862 0.97216 0.96838 0.96422 0.95957 0.95441 0.94872 0.94247 0.93554 0.91037 0.91037 0.90017 0.88913	0.99859 0.99714 0.99566 0.99411 0.99245 0.99063 0.98868 0.98658 0.98427 0.98174 0.97899 0.97597 0.97260 0.96886 0.96474 0.96014 0.95505 0.94943 0.94326 0.93642 0.92892 0.92070 0.91164	0.99862 0.99721 0.99575 0.99422 0.99259 0.98890 0.98684 0.98457 0.97303 0.97303 0.96526 0.96072 0.95569 0.95015 0.94405 0.93731 0.92992 0.92182 0.90314 0.89252	0.99866 0.99727 0.99584 0.99434 0.99274 0.99100 0.98913 0.98710 0.98487 0.97347 0.97347 0.96578 0.96578 0.96533 0.95086 0.94484 0.93820 0.93091 0.92294 0.90462 0.90462	0.99869 0.99733 0.99593 0.99446 0.99288 0.99119 0.98935 0.98736 0.98517 0.98275 0.98010 0.97716 0.97391 0.96631 0.96631 0.96631 0.96631 0.95697 0.95158 0.94563 0.93908 0.93191 0.92406 0.91549 0.90611 0.89592	0.99872 0.99739 0.99602 0.99457 0.99303 0.99137 0.98546 0.98762 0.98546 0.97756 0.97435 0.96683 0.96245 0.95229 0.94643 0.93997 0.93291 0.92519 0.90760 0.89763	0.99872 0.99741 0.99606 0.99465 0.99315 0.99156 0.98593 0.98593 0.98118 0.97841 0.97533 0.97191 0.96813 0.96395 0.95934 0.95427 0.94870 0.94256 0.93585 0.92848 0.92042 0.91161	0.99872 0.99742 0.99742 0.99610 0.99472 0.99328 0.99175 0.99011 0.98834 0.98640 0.98426 0.98189 0.97925 0.97631 0.97305 0.96546 0.96107 0.95626 0.95097 0.94516 0.93879 0.93179 0.92409 0.91563 0.90635

0.86	118	0.86210	0.86301	0.86393	0.86614	0.86835	0.87057	0.87279	0.87502	0.88002	0.88505
									0.86226		
									0.84844		
											0.84524
0.79	0609	0.79714	0.79819	0.79924	0.80283	0.80644	0.81006	0.81370	0.81735	0.82349	0.82967
0.77	1649	0.77758	0.77868	0.77978	0.78378	0.78780	0.79184	0.79590	0.79998	0.80641	0.81289
											0.79483
											0.77546
0.70	902	0.71029	0.71156	0.71283	0.71818	0.72358	0.72901	0.73449	0.74001	0.74734	0.75474

1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
0.99867	0.99876	0.99880	0.99870	0.99876	0.99881	0.99873	0.99873	0.99875	0.99860	0.99859
0.99735	0.99753	0.99760	0.99741	0.99756	0.99761	0.99748	0.99745	0.99750	0.99721	0.99717
0.99603	0.99629	0.99638	0.99613	0.99638	0.99639	0.99624	0.99616	0.99625	0.99583	0.99574
0.99468	0.99501	0.99513	0.99483	0.99522	0.99518	0.99501	0.99487	0.99500	0.99444	0.99427
0.99329	0.99366	0.99382	0.99351	0.99404	0.99394	0.99378	0.99356	0.99372	0.99305	0.99277
0.99183	0.99222	0.99242	0.99213	0.99284	0.99269	0.99252	0.99223	0.99238	0.99165	0.99123
0.99029	0.99067	0.99094	0.99067	0.99157	0.99138	0.99123	0.99086	0.99099	0.99022	0.98966
0.98865	0.98900	0.98919	0.98911	0.99020	0.98998	0.98988	0.98944	0.98953	0.98875	0.98805
0.98687	0.98720	0.98745	0.98744	0.98871	0.98847	0.98842	0.98793	0.98798	0.98719	0.98643
0.98492	0.98524	0.98554	0.98562	0.98707	0.98680	0.98683	0.98629	0.98634	0.98553	0.98478
0.98278	0.98307	0.98345	0.98363	0.98525	0.98494	0.98507	0.98449	0.98460	0.98373	0.98307
0.98037	0.98067	0.98112	0.98143	0.98324	0.98290	0.98312	0.98250	0.98273	0.98175	0.98129
0.97766	0.97800	0.97855	0.97899	0.98101	0.98063	0.98095	0.98031	0.98071	0.97958	0.97941
0.97462	0.97500	0.97570	0.97624	0.97854	0.97816	0.97853	0.97791	0.97851	0.97721	0.97736
0.97121	0.97165	0.97252	0.97318	0.97580	0.97545	0.97584	0.97529	0.97608	0.97463	0.97511
0.96740	0.96790	0.96898	0.96975	0.97275	0.97249	0.97288	0.97242	0.97337	0.97184	0.97262
0.96316	0.96372	0.96503	0.96593	0.96936	0.96923	0.96960	0.96928	0.97033	0.96880	0.96982
0.95846	0.95906	0.96064	0.96168	0.96556	0,96564	0.96598	0.96582	0.96692	0.96550	0.9666
0.95325	0.95389	0.95575	0.95698	0.96130	0.96168	0.96199	0.96199	0.96311	0.96188	0.9631.
0.94751	0.94818	0.95033	0.95177	0.95652	0.95727	0.95758	0.95774	0.95887	0.95789	0.95922
0.94118	0.94188	0.94434	0.94603	0.95115	0.95238	0.95268	0.95301	0.95417	0.95346	0.95482
0.93422	0.93499	0.93771	0.93966	0.94513	0.94692	0.94724	0.94775	0.94897	0.94854	0.94994
0.92657	0.92745	0.93038	0.93262	0.93839	0.94083	0.94117	0.94190	0.94321	0.94308	
0.91819	0.91924	0.92234	0.92486	0.93090	0.93403	0.93440	0.93541	0.93682	0.93703	
0.90905	0.91033	0.91352	0.91632	0.92261	0.92643	0.92684	0.92822	0.92972	0.93032	0.93193
0.89909	0.90067	0.90390	0.90698	0.91351	0.91795	0.91842	0.92025	0.92182		0.9246
0.88829	0.89020	0.89345	0.89679	0.90357	0.90853	0.90910	0.91140	0.91305	0.91469	0.9166
0.87658	0.87887	0.88214	0.88571	0.89275	0.89813	0.89882	0.90161	0.90336	0.90559	0.9078
0.86393	0.86658	0.86993	0.87366	0.88102	0.88672	0.88754	0.89080	0.89275	0.89550	0.8981
0.85027	0.85324	0.85677	0.86057	0.86831	0.87428	0.87521	0.87893	0.88119	0.88434	0.8873
0.83554	0.83873	0.84261	0.84632	0.85454	0.86081	0.86179	0.86595	0.86868	0.87204	0.8754
0.81966	0.82298	0.82738	0.83086	0.83965	0.84630	0.84725	0.85183			0.8624
0.80255	0.80589	0.81101	0.81409	0.82357	0.83073	0.83155	0.83654	0.84066		0.8481
0.78411	0.78741	0.79342	0.79599	0.80628	0.81409	0.81464	0.82005	0.82497	0.82809	0.8325
0.76427	0.76750	0.77452	0.77651	0.78778	0.79632	0.79649	0.80230	0.80802	0.81105	0.81573

1990	1991	1992	1993	1994	1995
0.99859	0.99873	0.99887	0.99901	0.99915	0.99929
0.99719	0.99743	0.99767	0.99791	0.99815	0.99839
0.99582	0.99610	0.99637	0.99665	0.99693	0.99721
0.99445	0.99473	0.99501	0.99529	0.99557	0.99585
0.99310	0.99332	0.99354	0.99376	0.99397	0.99419

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0.99173	0.99187	0.99201	0.99215	0.99228	0.99242
0.99033	0.99038	0.99043	0.99048	0.99053	0.99058
0.98886	0.98884	0.98882	0.98881	0.98879	0.98877
0.98732	0.98726	0.98720	0.98714	0.98708	0.98703
0.98568	0.98562	0.98556	0.98551	0.98545	0.98539
0.98393	0.98391	0.98389	0.98387	0.98385	0.98383
0.98206	0.98209	0.98212	0.98215	0.98218	0.98221
0.98006	0.98014	0.98023	0.98032	0.98041	0.98050
0.97790	0.97804	0.97817	0.97831	0.97845	0.97859
0.97557	0.97574	0.97590	0.97607	0.97624	0.97640
0.97306	0.97322	0.97339	0.97355	0.97372	0.97388
0.9703	0.97046	0.97060	0.97075	0.97089	0.97104
0.96731	0.96742	0.96753	0.96763	0.96774	0.96785
0.96401	0.96408	0.96415	0.96422	0.96428	0.96435
0.96038	0.96042	0.96046	0.96050	0.96053	0.96057
0.95635	0.95639	0.95644	0.95649	0.95654	0.95659
0.95186	0.95198	0.95209	0.95220	0.95232	0.95243
0.94686	0.94712	0.94738	0.94763	0.94789	0.94815
0.94128	0.94177	0.94226	0.94275	0.94325	0.94374
0.93504	0.93586	0.93669	0.93752	0.93835	0.93918
0.92809	0.92933	0.93058	0.93182	0.93307	0.93432
0.92038	0.92209	0.92381	0.92553	0.92726	0.92899
0.91183	0.91405	0.91628	0.91852	0.92076	0.92301
0.9023	0.90513	0.90790	0.91068	0.91346	0.91625
0.89193	0.89523	0.89854	0.90186	0.90520	0.90854
0.88042	0.88427	0.88814	0.89203	0.89594	0.89986
0.86776	0.87219	0.87665	0.88113	0.88564	0.89017
0.85390	0.85893	0.86398	0.86907	0.87419	0.87934
0.8388	0.84444	0.85012	0.85583	0.86158	0.86737
0.8224	0.82872	0.83503	0.84138	0.84779	0.85424

Aged 45	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956
45	0.99446	0.99457	0,99468	0.99479	0.99489	0.99500	0.99511	0.99522	0.99521	0.99520
46	0.98835	0.98858	0.98881	0.98903	0.98926	0.98948	0.98971	0.98994	0.98992	0.98990
47	0.98163	0.98198	0.98233	0.98268	0.98303	0.98338	0.98373	0.98408	0.98407	0.98405
48	0.97424	0.97472	0.97520	0.97568	0.97616	0.97664	0.97712	0.97760	0.97759	0.97758
49	0.96614	0.96675	0.96736	0.96797	0.96858	0.96920	0.96981	0.97042	0.97043	0.97044
50	0.95726	0.95800	0.95875	0.95949	0.96024	0.96098	0.96173	0.96248	0.96250	0.96253
51	0.94755	0.94842	0.94930	0.95017	0.95105	0.95192	0.95280	0.95368	0.95374	0.95379
52	0.93697	0.93796	0.93896	0.93995	0.94095	0.94195	0.94295	0.94395	0.94405	0.94415
53	0.92545	0.92656	0.92766	0.92877	0.92988	0.93099	0.93211	0.93322	0.93337	0.93352
54	0.91296	0.91416	0.91537	0.91658	0.91779	0.91900	0.92021	0.92142	0.92164	0.92186
55	0.89945	0.90073	0.90202	0.90332	0.90461	0.90591	0.90721	0.90850	0.90880	0.90910
56	0.88487	0.88623	0.88759	0.88896	0.89032	0.89169	0.89306	0.89443	0.89482	0.89521
57	0.86923	0.87065	0.87206	0.87349	0.87491	0.87633	0.87776	0.87919	0.87967	0.88015
58	0.85251	0.85397	0.85543	0.85690	0.85836	0.85984	0.86131	0.86279	0.86335	0.86391
59	0,83466	0.83616	0.83766	0.83917	0.84067	0.84218	0.84370	0.84521	0.84584	0.84647
60	0.81565	0.81718	0.81872	0.82026	0.82180	0.82334	0.82489	0.82644	0.82711	0.82778
61	0.79540	0.79696	0.79854	0.80011	0.80169	0.80327	0.80485	0.80644	0.80712	0.80780
62	0.77383	0.77544	0.77705	0. 77867	0.78029	0.78192	0.78355	0.78518	0.78584	0.78649
63	0.75090	0.75256	0.75423	0.75590	0.75758	0.75926	0.76094	0.76263	0.76324	0.76385
64	0.72661	0.72834	0.73006	0.73179	0.73353	0.73527	0.73701	0.73876	0.73930	0.73985

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0.99608 0.99614 0.99636 0.99648 0.99688 0.99696 0.99696 0.99706 0.99722 0.99713 0.99744 0.99171 0.99184 0.99230 0.99255 0.99340 0.99362 0.99360 0.99384 0.99411 0.99402 0.99457 0.98687 0.98705 0.98779 0.98819 0.98951 0.98994 0.98989 0.99029 0.99062 0.99063 0.99134 0.98151 0.98173 0.98276 0.98335 0.98514 0.98588 0.98581 0.98637 0.98672 0.98691 0.98774 0.97560 0.97585 0.97719 0.97800 0.98025 0.98136 0.98128 0.98201 0.98236 0.98282 0.98370 0.96908 0.96937 0.97102 0.97210 0.97475 0.97635 0.97627 0.97716 0.97755 0.97828 0.97919 0.96191 0.96227 0.96421 0.96556 0.96858 0.97075 0.97069 0.97177 0.97222 0.97323 0.97419 </td <td>1979</td> <td>1980</td> <td>1981</td> <td>1982</td> <td>1983</td> <td>1984</td> <td>1985</td> <td>1986</td> <td>1987</td> <td>1988</td> <td>1989</td>	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
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0.98151 0.98173 0.98276 0.98335 0.98514 0.98588 0.98581 0.98637 0.98672 0.98691 0.98774 0.97560 0.97585 0.97719 0.97800 0.98025 0.98136 0.98128 0.98201 0.98236 0.98282 0.98370 0.96908 0.96937 0.97102 0.97210 0.97475 0.97635 0.97627 0.97716 0.97755 0.97828 0.97919 0.96191 0.96227 0.96421 0.96556 0.96858 0.97075 0.97069 0.97177 0.97222 0.97323 0.97419	COCC-12-01	100000000000000000000000000000000000000	Discovered Code			- F. C. C. C.		2500	2012/2012/04 2:01		
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0.94541	0.94607	0.94840	0.95035	0.95399	0.95754	0.95753	0.95912	0.95978	0.96141	0.96249
0.93599	0.93689	0.93933	0.94158	0.94550	0.94974	0.94978	0.95174	0.95251	0.95453	0.95572
0.92574	0.92695	0.92944	0.93197	0.93617	0.94105	0.94116	0.94356	0.94441	0.94692	0.94826
0.91462	0.91618	0.91870	0.92151	0.92598	0.93140	0.93160	0.93450	0.93543	0.93849	0.94005
0.90256	0.90452	0.90707	0.91012	0.91490	0.92073	0.92107	0.92446	0.92550	0.92916	0.93101
0.88954	0.89187	0.89451	0.89774	0.90287	0.90904	0.90951	0.91338	0.91463	0.91880	0.92103
0.87547	0.87814	0.88098	0.88428	0.88985	0.89628	0.89687	0.90120	0.90278	0.90736	0.91000
0.86031	0.86321	0.86642	0.86965	0.87574	0.88247	0.88312	0.88789	0.88997	0.89473	0.89784
0.84396	0.84700	0.85076	0.85376	0.86048	0.86759	0.86823	0.87342	0.87615	0.88091	0.88446
0.82633	0.82940	0.83393	0.83653	0.84400	0.85164	0.85213	0.85774	0.86126	0.86588	0.86980
0.80735	0.81039	0.81585	0.81793	0.82628	0.83458	0.83481	0.84082	0.84519	0.84964	0.85383
0.78693	0.78989	0.79640	0.79791	0.80732	0.81636	0.81621	0.82263	0.82783	0.83216	0.83655
0.10032	0.70202									
1990	1991	1992	1993	1994	1995					
0.99742	0.99742	0.99742	0.99742	0.99742	0.99742					
0.99461	0.99459	0.99457	0.99455	0.99453	0.99451					
0.99461	0.99439	0.99437	0.99435	0.99433	0.99124					
0.99133	0.99147	0.99141	0.99133	0.98776	0.99124					
			0.98404	0.98770	0.98700					
0.98443	0.98430	0.98417		0.98391	0.98379					
0.98029	0.98017	0.98006	0.97994		0.97545					
0.97570	0.97565	0.97560	0.97555	0.97550						
0.97057	0.97067		0.97087	0.97096	0.97106					
0.96485	0.96519	0.96553	0.96587	0.96621	0.96655					
0.95845	0.95913	0.95982	0.96051	0.96119	0.96188				13	
0.95133	0.95244	0.95355	0.95467	0.95578	0.95690					
0.94342	0.94502	0.94662	0.94822	0.94983	0.95144					
0.93466	0.93678		0.94104	0.94317	0.94531					
0.92497	0.92764	0.93032	0.93300	0.93570	0.93840					
0.91426	0.91749	0.92072	0.92397	0.92723	0.93050					
0.90246	0.90626	0.91007	0.91390	0.91775	0.92161					
0.88948	0.89388	0.89830	0.90273	0.90720	0.91168					
			0.00000	0.00545	0.00060					
0.87528	0.88028	0.88532	0.89038	0.89547	0.90059					
0.85981	0.88028 0.86 5 44	0.88532 0.87111	0.87681	0.88255	0.88833					
1	0.88028 0.86 5 44	0.88532 0.87111								
0.85981 0.84305	0.88028 0.86544 0.84933	0.88532 0.87111 0.85565	0.87681 0.86201	0.88255 0.86843	0.88833 0.87489	40.77			10-7	1075
0.85981 0.84305 Aged 60	0.88028 0.86544 0.84933	0.88532 0.87111 0.85565	0.87681 0.86201 1949	0.88255 0.86843 1950	0.88833 0.87489	1952	1953	1954	1955	1956
0.85981 0.84305 Aged 60 60	0.88028 0.86544 0.84933 1947 0.97722	0.88532 0.87111 0.85565 1948 0.97730	0.87681 0.86201 1949 0.97738	0.88255 0.86843 1950 0.97746	0.88833 0.87489 1951 0.97755	0.97763	0.97771	0.97779	0.97785	0.97792
0.85981 0.84305 Aged 60 60 61	0.88028 0.86544 0.84933 1947 0.97722 0.95296	0.88532 0.87111 0.85565 1948 0.97730 0.95312	0.87681 0.86201 1949 0.97738 0.95329	0.88255 0.86843 1950 0.97746 0.95346	0.88833 0.87489 1951 0.97755 0.95363	0.97763 0.9 537 9	0.97771 0.95396	0.97779 0.95413	0.97785 0.95422	0,97792 0.95431
0.85981 0.84305 Aged 60 60 61 62	0.88028 0.86544 0.84933 1947 0.97722 0.95296 0.92711	0.88532 0.87111 0.85565 1948 0.97730 0.95312 0.92738	0.87681 0.86201 1949 0.97738 0.95329 0.92764	0.88255 0.86843 1950 0.97746 0.95346 0.92791	0.88833 0.87489 1951 0.97755 0.95363 0.92818	0.97763 0.95379 0.92844	0.97771 0.95396 0.92871	0.97779 0.95413 0.92898	0.97785 0.95422 0.92906	0.97792 0.95431 0.92915
0.85981 0.84305 Aged 60 60 61 62 63	0.88028 0.86544 0.84933 1947 0.97722 0.95296 0.92711 0.89964	0.88532 0.87111 0.85565 1948 0.97730 0.95312 0.92738 0.90002	0.87681 0.86201 1949 0.97738 0.95329 0.92764 0.90040	0.88255 0.86843 1950 0.97746 0.95346 0.92791 0.90078	0.88833 0.87489 1951 0.97755 0.95363 0.92818 0.90116	0.97763 0.95379 0.92844 0.90154	0.97771 0.95396 0.92871 0.90192	0.97779 0.95413 0.92898 0.90230	0.97785 0.95422 0.92906 0.90234	0.97792 0.95431 0.92915 0.90239
0.85981 0.84305 Aged 60 60 61 62	0.88028 0.86544 0.84933 1947 0.97722 0.95296 0.92711	0.88532 0.87111 0.85565 1948 0.97730 0.95312 0.92738 0.90002	0.87681 0.86201 1949 0.97738 0.95329 0.92764 0.90040	0.88255 0.86843 1950 0.97746 0.95346 0.92791 0.90078	0.88833 0.87489 1951 0.97755 0.95363 0.92818 0.90116	0.97763 0.95379 0.92844 0.90154	0.97771 0.95396 0.92871 0.90192	0.97779 0.95413 0.92898	0.97785 0.95422 0.92906 0.90234	0.97792 0.95431 0.92915
0.85981 0.84305 Aged 60 60 61 62 63	0.88028 0.86544 0.84933 1947 0.97722 0.95296 0.92711 0.89964	0.88532 0.87111 0.85565 1948 0.97730 0.95312 0.92738 0.90002	0.87681 0.86201 1949 0.97738 0.95329 0.92764 0.90040	0.88255 0.86843 1950 0.97746 0.95346 0.92791 0.90078	0.88833 0.87489 1951 0.97755 0.95363 0.92818 0.90116	0.97763 0.95379 0.92844 0.90154	0.97771 0.95396 0.92871 0.90192	0.97779 0.95413 0.92898 0.90230	0.97785 0.95422 0.92906 0.90234	0.97792 0.95431 0.92915 0.90239 0.87404
0.85981 0.84305 Aged 60 60 61 62 63	0.88028 0.86544 0.84933 1947 0.97722 0.95296 0.92711 0.89964	0.88532 0.87111 0.85565 1948 0.97730 0.95312 0.92738 0.90002	0.87681 0.86201 1949 0.97738 0.95329 0.92764 0.90040	0.88255 0.86843 1950 0.97746 0.95346 0.92791 0.90078	0.88833 0.87489 1951 0.97755 0.95363 0.92818 0.90116	0.97763 0.95379 0.92844 0.90154	0.97771 0.95396 0.92871 0.90192	0.97779 0.95413 0.92898 0.90230	0.97785 0.95422 0.92906 0.90234	0.97792 0.95431 0.92915 0.90239
0.85981 0.84305 Aged 60 60 61 62 63 64	0.88028 0.86544 0.84933 1947 0.97722 0.95296 0.92711 0.89964 0.87055	0.88532 0.87111 0.85565 1948 0.97730 0.95312 0.92738 0.90002 0.87105	0.87681 0.86201 1949 0.97738 0.95329 0.92764 0.90040 0.87155	0.88255 0.86843 1950 0.97746 0.95346 0.92791 0.90078 0.87205	0.88833 0.87489 1951 0.97755 0.95363 0.92818 0.90116 0.87255	0.97763 0.95379 0.92844 0.90154 0.87305	0.97771 0.95396 0.92871 0.90192 0.87355	0.977779 0.95413 0.92898 0.90230 0.87405 1965 0.97762	0.97785 0.95422 0.92906 0.90234 0.87405	0.97792 0.95431 0.92915 0.90239 0.87404
0.85981 0.84305 Aged 60 60 61 62 63 64	0.88028 0.86544 0.84933 1947 0.97722 0.95296 0.92711 0.89964 0.87055	0.88532 0.87111 0.85565 1948 0.97730 0.95312 0.92738 0.90002 0.87105	0.87681 0.86201 1949 0.97738 0.95329 0.92764 0.90040 0.87155 1960 0.97818	0.88255 0.86843 1950 0.97746 0.95346 0.92791 0.90078 0.87205	0.88833 0.87489 1951 0.97755 0.95363 0.92818 0.90116 0.87255 1962 0.97809	0.97763 0.95379 0.92844 0.90154 0.87305	0.97771 0.95396 0.92871 0.90192 0.87355 1964 0.97778	0.97779 0.95413 0.92898 0.90230 0.87405	0.97785 0.95422 0.92906 0.90234 0.87405	0.97792 0.95431 0.92915 0.90239 0.87404 1967 0.97756 0.95340
0.85981 0.84305 Aged 60 60 61 62 63 64	0.88028 0.86544 0.84933 1947 0.97722 0.95296 0.92711 0.89964 0.87055 1958 0.97805	0.88532 0.87111 0.85565 1948 0.97730 0.95312 0.92738 0.90002 0.87105 1959 0.97811 0.95459	0.87681 0.86201 1949 0.97738 0.95329 0.92764 0.90040 0.87155 1960 0.97818 0.95469	0.88255 0.86843 1950 0.97746 0.95346 0.92791 0.90078 0.87205 1961 0.97824 0.95478	0.88833 0.87489 1951 0.97755 0.95363 0.92818 0.90116 0.87255 1962 0.97809 0.95447	0.97763 0.95379 0.92844 0.90154 0.87305 1963 0.97793	0.97771 0.95396 0.92871 0.90192 0.87355 1964 0.97778 0.95384	0.977779 0.95413 0.92898 0.90230 0.87405 1965 0.97762	0.97785 0.95422 0.92906 0.90234 0.87405 1966 0.97747 0.95322	0.97792 0.95431 0.92915 0.90239 0.87404 1967 0.97756 0.95340
0.85981 0.84305 Aged 60 60 61 62 63 64 1957 0.97798 0.95441	0.88028 0.86544 0.84933 1947 0.97722 0.95296 0.92711 0.89964 0.87055 1958 0.97805 0.95450	0.88532 0.87111 0.85565 1948 0.97730 0.95312 0.92738 0.90002 0.87105 1959 0.97811 0.95459 0.92940	0.87681 0.86201 1949 0.97738 0.95329 0.92764 0.90040 0.87155 1960 0.97818 0.95469 0.92949	0.88255 0.86843 1950 0.97746 0.95346 0.92791 0.90078 0.87205 1961 0.97824 0.95478 0.92958	0.88833 0.87489 1951 0.97755 0.95363 0.92818 0.90116 0.87255 1962 0.97809 0.95447 0.92910	0.97763 0.95379 0.92844 0.90154 0.87305 1963 0.97793 0.95416 0.92862	0.97771 0.95396 0.92871 0.90192 0.87355 1964 0.97778 0.95384 0.92814	0.97779 0.95413 0.92898 0.90230 0.87405 1965 0.97762 0.95353 0.92766	0.97785 0.95422 0.92906 0.90234 0.87405 1966 0.97747 0.95322	0.97792 0.95431 0.92915 0.90239 0.87404 1967 0.97756 0.95340 0.92744
0.85981 0.84305 Aged 60 60 61 62 63 64 1957 0.97798 0.95441 0.92923	0.88028 0.86544 0.84933 1947 0.97722 0.95296 0.92711 0.89964 0.87055 1958 0.97805 0.95450 0.92932	0.88532 0.87111 0.85565 1948 0.97730 0.95312 0.92738 0.90002 0.87105 1959 0.97811 0.95459 0.92940 0.90253	0.87681 0.86201 1949 0.97738 0.95329 0.92764 0.90040 0.87155 1960 0.97818 0.95469 0.92949 0.90258	0.88255 0.86843 1950 0.97746 0.95346 0.92791 0.90078 0.87205 1961 0.97824 0.95478 0.92958 0.90263	0.88833 0.87489 1951 0.97755 0.95363 0.92818 0.90116 0.87255 1962 0.97809 0.95447 0.92910 0.90197	0.97763 0.95379 0.92844 0.90154 0.87305 1963 0.97793 0.95416 0.92862 0.90132	0.97771 0.95396 0.92871 0.90192 0.87355 1964 0.97778 0.95384 0.92814 0.90066	0.977779 0.95413 0.92898 0.90230 0.87405 1965 0.97762 0.95353 0.92766 0.90001	0.97785 0.95422 0.92906 0.90234 0.87405 1966 0.97747 0.95322 0.92718	0,97792 0,95431 0,92915 0,90239 0,87404 1967 0,97756 0,95340 0,92744 0,89970
0.85981 0.84305 Aged 60 60 61 62 63 64 1957 0.97798 0.95441 0.92923 0.90244	0.88028 0.86544 0.84933 1947 0.97722 0.95296 0.92711 0.89964 0.87055 1958 0.97805 0.95450 0.92932 0.90249	0.88532 0.87111 0.85565 1948 0.97730 0.95312 0.92738 0.90002 0.87105 1959 0.97811 0.95459 0.92940 0.90253	0.87681 0.86201 1949 0.97738 0.95329 0.92764 0.90040 0.87155 1960 0.97818 0.95469 0.92949 0.90258	0.88255 0.86843 1950 0.97746 0.95346 0.92791 0.90078 0.87205 1961 0.97824 0.95478 0.92958 0.90263	0.88833 0.87489 1951 0.97755 0.95363 0.92818 0.90116 0.87255 1962 0.97809 0.95447 0.92910 0.90197	0.97763 0.95379 0.92844 0.90154 0.87305 1963 0.97793 0.95416 0.92862 0.90132	0.97771 0.95396 0.92871 0.90192 0.87355 1964 0.97778 0.95384 0.92814 0.90066	0.977779 0.95413 0.92898 0.90230 0.87405 1965 0.97762 0.95353 0.92766 0.90001	0.97785 0.95422 0.92906 0.90234 0.87405 1966 0.97747 0.95322 0.92718 0.89935	0,97792 0,95431 0,92915 0,90239 0,87404 1967 0,97756 0,95340 0,92744 0,89970
0.85981 0.84305 Aged 60 60 61 62 63 64 1957 0.97798 0.95441 0.92923 0.90244 0.87404	0.88028 0.86544 0.84933 1947 0.97722 0.95296 0.92711 0.89964 0.87055 1958 0.97805 0.95450 0.92932 0.90249 0.87403	0.88532 0.87111 0.85565 1948 0.97730 0.95312 0.92738 0.90002 0.87105 1959 0.97811 0.95459 0.92940 0.90253 0.87403	0.87681 0.86201 1949 0.97738 0.95329 0.92764 0.90040 0.87155 1960 0.97818 0.95469 0.92949 0.90258 0.87402	0.88255 0.86843 1950 0.97746 0.95346 0.92791 0.90078 0.87205 1961 0.97824 0.95478 0.92958 0.90263	0.88833 0.87489 1951 0.97755 0.95363 0.92818 0.90116 0.87255 1962 0.97809 0.95447 0.92910 0.90197 0.87316	0.97763 0.95379 0.92844 0.90154 0.87305 1963 0.97793 0.95416 0.92862 0.90132	0.97771 0.95396 0.92871 0.90192 0.87355 1964 0.97778 0.95384 0.92814 0.90066 0.87145	0.977779 0.95413 0.92898 0.90230 0.87405 1965 0.97762 0.95353 0.92766 0.90001	0.97785 0.95422 0.92906 0.90234 0.87405 1966 0.97747 0.95322 0.92718 0.89935	0,97792 0,95431 0,92915 0,90239 0,87404 1967 0,97756 0,95340 0,92744 0,89970
0.85981 0.84305 Aged 60 60 61 62 63 64 1957 0.97798 0.95441 0.92923 0.90244 0.87404	0.88028 0.86544 0.84933 1947 0.97722 0.95296 0.92711 0.89964 0.87055 1958 0.97805 0.95450 0.92932 0.90249 0.87403	0.88532 0.87111 0.85565 1948 0.97730 0.95312 0.92738 0.90002 0.87105 1959 0.97811 0.95459 0.92940 0.90253 0.87403	0.87681 0.86201 1949 0.97738 0.95329 0.92764 0.90040 0.87155 1960 0.97818 0.95469 0.92949 0.90258 0.87402	0.88255 0.86843 1950 0.97746 0.95346 0.92791 0.90078 0.87205 1961 0.97824 0.95478 0.92958 0.90263 0.87401	0.88833 0.87489 1951 0.97755 0.95363 0.92818 0.90116 0.87255 1962 0.97809 0.95447 0.92910 0.90197 0.87316	0.97763 0.95379 0.92844 0.90154 0.87305 1963 0.97793 0.95416 0.92862 0.90132 0.87230	0.97771 0.95396 0.92871 0.90192 0.87355 1964 0.97778 0.95384 0.92814 0.90066 0.87145	0.977779 0.95413 0.92898 0.90230 0.87405 1965 0.97762 0.95353 0.92766 0.90001 0.87060	0.97785 0.95422 0.92906 0.90234 0.87405 1966 0.97747 0.95322 0.92718 0.86975	0.97792 0.95431 0.92915 0.90239 0.87404 1967 0.97756 0.95340 0.92744 0.89970 0.87023
0.85981 0.84305 Aged 60 60 61 62 63 64 1957 0.97798 0.95441 0.92923 0.90244 0.87404	0.88028 0.86544 0.84933 1947 0.97722 0.95296 0.92711 0.89964 0.87055 1958 0.97805 0.95450 0.92932 0.90249 0.87403	0.88532 0.87111 0.85565 1948 0.97730 0.95312 0.92738 0.90002 0.87105 1959 0.97811 0.95459 0.92940 0.90253 0.87403	0.87681 0.86201 1949 0.97738 0.95329 0.92764 0.90040 0.87155 1960 0.97818 0.95469 0.92949 0.90258 0.87402	0.88255 0.86843 1950 0.97746 0.95346 0.92791 0.90078 0.87205 1961 0.97824 0.95478 0.92958 0.90263 0.87401	0.88833 0.87489 1951 0.97755 0.95363 0.92818 0.90116 0.87255 1962 0.97809 0.95447 0.92910 0.90197 0.87316	0.97763 0.95379 0.92844 0.90154 0.87305 1963 0.97793 0.95416 0.92862 0.90132 0.87230	0.97771 0.95396 0.92871 0.90192 0.87355 1964 0.97778 0.95384 0.92814 0.90066 0.87145	0.977779 0.95413 0.92898 0.90230 0.87405 1965 0.97762 0.95353 0.92766 0.90001 0.87060 1976 0.98065	0.97785 0.95422 0.92906 0.90234 0.87405 1966 0.97747 0.95322 0.92718 0.89935 0.86975	0.97792 0.95431 0.92915 0.90239 0.87404 1967 0.97756 0.95340 0.92744 0.89970 0.87023
0.85981 0.84305 Aged 60 60 61 62 63 64 1957 0.97798 0.95441 0.92923 0.90244 0.87404	0.88028 0.86544 0.84933 1947 0.97722 0.95296 0.92711 0.89964 0.87055 1958 0.97805 0.95450 0.92932 0.90249 0.87403	0.88532 0.87111 0.85565 1948 0.97730 0.95312 0.92738 0.90002 0.87105 1959 0.97811 0.95459 0.90253 0.87403 1970 0.97783 0.95393	0.87681 0.86201 1949 0.97738 0.95329 0.92764 0.90040 0.87155 1960 0.97818 0.95469 0.92949 0.90258 0.87402	0.88255 0.86843 1950 0.97746 0.95346 0.92791 0.90078 0.87205 1961 0.97824 0.95478 0.92958 0.90263 0.87401 1972 0.97847 0.95525	0.88833 0.87489 1951 0.97755 0.95363 0.92818 0.90116 0.87255 1962 0.97809 0.95447 0.92910 0.90197 0.87316	0.97763 0.95379 0.92844 0.90154 0.87305 1963 0.97793 0.95416 0.92862 0.90132 0.87230 1974 0.97956 0.95753	0.97771 0.95396 0.92871 0.90192 0.87355 1964 0.97778 0.95384 0.92814 0.90066 0.87145 1975 0.98010 0.95867	0.977779 0.95413 0.92898 0.90230 0.87405 1965 0.97762 0.95353 0.92766 0.90001 0.87060 1976 0.98065 0.95981	0.97785 0.95422 0.92906 0.90234 0.87405 1966 0.97747 0.95322 0.92718 0.89935 0.86975	0.97792 0.95431 0.92915 0.90239 0.87404 1967 0.97756 0.95340 0.92744 0.89970 0.87023 1978 0.98158 0.96172

1	0.90005	0.90039	0.90074	0.90109	0.90355	0.90601	0.90849	0.91096	0.91345	0.91545	0.91745
١	0.87072	0.87121	0.87170	0.87219	0.87530	0.87842	0.88156	0.88470	0.88785	0.89039	0.89293

Γ	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Г	0.98268	0.98300	0.98347	0.98345	0.98415	0.98459	0.98467	0.98523	0.98581	0.98609	0.98663
1	0.96400	0.96454	0.96570	0.96548	0.96700	0.96799	0.96806	0.96917	0.97050	0.97085	0.97193
1	0.94387	0.94451	0.94660	0.94600	0.94848	0.95019	0.95011	0.95177	0.95400	0.95429	0.95582
1	0.92219	0.92285	0.92607	0.92496	0.92857	0.93116	0.93080	0.93301	0.93620	0.93639	0.93828
1	0.89886	0.89951	0.90400	0.90233	0.90726	0.91083	0.91006	0.91281	0.91697	0.91713	0.91928

1990	1991	1992	1993	1994	1995
0.98709	0.98776	0.98843	0.98910	0.98977	0.99044
0.97290	0.97427	0.97564	0.97702	0.97839	0.97977
0.95736	0.95945	0.96154	0.96364	0.96575	0.96785
0.94044	0.94327	0.94611	0,94896	0.95181	0.95468
0.92211	0.92571	0.92932	0.93294	0.93658	0.94023

Table B-6: Estimated Female Probability of Future Survival, Aged 15, 30, 45, and 60

Aged 15	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956
15	0.99939	0.99941	0.99943	0.99945	0,99946	0.99948	0.99950	0.99952	0.99953	0.99955
16	0.99874	0.99878	0.99881	0.99885	0.99889	0.99893	0.99896	0.99900	0.99902	0.99905
17	0.99804	0.99810	0.99816	0.99821	0.99827	0.99833	0.99838		0.99847	0.99850
18	0.99727	0.99736	0.99744	0.99752	0.99760	0.99769	0.99777	0.99785	0.99788	0.99791
19	0.99644	0.99655	0.99666	0.99678	0.99689	0.99701	0.99712	0.99723	0.99727	0.99730
20	0.99553	0.99568	0.99583	0.99599	0.99614	0.99629	0.99644	0.99659	0.99663	0.99667
21	0.99454	0.99474	0.99494	0.99514	0.99534	0.99554	0.99574	0.99594	0.99598	0.99603
22	0.99348	0.99373	0.99399	0.99424	0.99450	0.99475	0.99501	0.99526	0.99532	0.99537
23	0.99233	0.99265	0.99297	0.99329	0.99361	0.99393	0.99425	0.99457	0.99464	0.99471
24	0.99109	0.99148	and the second second second second	0.99228	0.99267	0.99307	0.99347		0.99395	0.99403
25	0.98977	0.99025	0.99073	0.99121	0.99169	0.99217	0.99265	1	0.99323	0.99333
26	0.98837	0.98894	0.98951	0.99008	The state of the s	0.99122	0.99180	•	0.99248	0.99260
27	0.98691	0.98757	0.98824	0.98891	0.98957	0.99024	0.99091		0.99170	0.99184
28	0.98539	0.98615	0.98691	0.98767	0.98844	0.98920	0.98997	0.99073	0.99088	0.99103
29	0.98382	0.98468	0.98554	0.98640	0.98726	0.98812	0.98898	1	0.99001	0.99017
30	0.98220	0.98315	0.98411	0.98506	0.98602	0.98697	0.98793		0.98907	0.98926
31	0.98051	0.98156		0.98366	10.7	0.98576	0.98681		0.98808	0.98828
32	0.97874	0.97988		0.98217	0.98332	0.98447	0.98562		0.98700	0.98723
33	0.97687	0.97811	0.97935	0.98059		0.98309	0.98434		0.98584	0.98609
34	0.97489	0.97623	0.97757	0.97892	100000000000000000000000000000000000000	The state of the s		1	0.98458	0.98486
35	0.97281	0.97424	0.97569	0.97713	Mark Mark Control	0.98002	The second secon	1	0.98322	0.98352
36	0.97060	0.97213		0.97522	0.97676	I CALVI	0.97985	1	0.98173	0.98206
37	0.96827	0.96990	0.97154	0.97318		0.97646		0.97976	0.98012	0.98047
38	0.96582	0.96755		0.97101	0.97275	0.97449	0.97623		0.97837	0.97876
39	0.96324	0.96506		0.96870	0.97053	0.97236	0.97419		0.97646	0.97689
40	0.96050	0.96241	The Court of the C	0.96623		0.97006	100	1	0.97438	0.97485
41	0.95758	0.95957	and the second second second	0.96357	100 100 100 100 100 100 100 100 100 100	The second second	The second second			0.97263
42	0.95446	0.95654	0.95862		10 (April 1853 M. D. V.	0.96488	The second second	1	0.96964	0.97020
43	0.95111	0.95327	0.95544	The second section is	And the second second	the second second		1	0.96694	0.96755
44	0.94751	0.94975	0.95200	0.95425	The second second second		I Day Option No. 1	1	0.96398	
45	0.94361	0.94594		0.95062	0.95296		0.95767	1	0.96075	0.96146
46	0.93940	0.94181	0.94424	0.94666		0.95154	0.95399	1	0.95722	0.95799
47	0.93480	0.93731	0.93983		1	0.94743	The second second	017000	0.95337	1
48	0.92978	0.93240	0.93503	0.93766	0.94030	0.94295	0.9456	0.94827	0.94919	0.95011

								7 2	901	
49	0.92432	0.92705	0.92980	0.93255	0.93532	0.93809	0.94087	0.94366	0.94465	0.94565
50	0.91839	0.92126	0.92413	0.92702	0.92992	0.93282	0.93573	0.93865	0.93973	0.94082
51	0.91201	0.91501	0.91803	0.92105	0.92409	0.92714	0.93019	0.93326	0.93442	0.93559
52	0.90520	0.90835	0.91150	0.91466	0.91784	0.92103	0.92422	0.92743	0.92870	0.92996
53	0.89800	0.90127	0.90456	0.90786	0.91117	0.91449	0.91783	0.92117	0.92254	0.92390
54	0.89038	0.89378	0.89719	0.90062	0.90406	0.90751	0.91097	0.91445	0.91592	0.91739
55	0.88230	0.88582	0.88935	0.89290	0.89646	0.90003	0.90362	0.90722	0.90881	0.91040
56	0.87366	0.87730	0.88096	0.88463	0.88832	0.89202	0.89573	0.89947	0.90118	0.90289
57	0.86440	0.86817	0.87195	0.87576	0.87957	0.88341	0.88726	0.89113	0.89297	0.89481
58	0.85447	0.85837	0.86229	0.86623	0.87018	0.87415	0.87815	0.88216	0.88413	0.88610
59	0.84380	0.84784	0.85190	0.85597	0.86007	0.86418	0.86832	0.87247	0.87458	0.87669
60	0.83233	0.83650	0.84069	0.84491	0.84914	0.85340	0.85767		0.86422	0.86646
61	0.81995	0.82426	0.82859	0.83295	0.83732	0.84173	0.84615		0.85297	0.85535
62	0.80662	0.81106	0.81553	0.82002	0.82454	0.82908	0.83365		0.84075	0.84327
63	0.80032	0.79687	0.80147	0.80609	0.81074	0.81542		0.82485	0.82749	0.83014
64	0.77692	0.78161	0.78632	0.79106	0.79583	0.80063	0.80546	Accessors to the second second	0.81310	0.81588
04	0.77092	0.76101	0.70032	0.79100	0.79363	0.60000	0.00240	0.01032	0.01510	0.01500
10.55	1050	10.50	1000	1001	1000	1000	1004	1005	1000	1007
1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
0.99956	200000000000000000000000000000000000000	0.99959	0.99961	0.99962	0.99961	0.99961	0.99960	0.99960	0.99959	0.99959
0.99907	0.99909	0.99911	0.99914	0.99916	0.99915	0.99914	0.99913	0.99912	0.99911	0.99909
0.99852		0.99858	0.99860	0.99863	0.99862	0.99860	0.99859	0.99857	0.99856	0.99852
0.99794		0.99800	0.99803	0.99806	0.99804	0.99801	0.99799	0.99797	0.99794	0.99788
0.99734		0.99740	0.99744	0.99747	0.99744	0.99741	0.99738	0.99734	0.99731	0.99724
0.99671	0.99675	0,99679	0.99683	0.99687	0.99683	0.99679	0.99675	0.99671	0.99667	0.99659
0.99608		0.99617	0.99622	0.99627	0.99622	0.99617	0.99613	0.99608	0.99604	0.99596
0.99543	The second second second	0.99554	0.99559	0.99565	0.99560	0.99555	0.99550	0.99545	0.99540	0.99533
0.99477	A STATE OF THE PARTY OF THE PAR	0.99491	0.99497	0.99504	0.99499	0.99493	0.99487	0.99482	0.99476	0.99470
0.99411	0.99420	0.99428	0.99436	0.99444	0.99438	0.99432	0.99425	0.99419	0.99413	0.99407
0.99343	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0.99363	0.99373	0.99383	0.99376	0.99369	0.99362	0.99355	0.99348	0.99343
0.99272	the same of the same of	0.99295	0.99306	0.99318	0.99311	0.99303	0.99296	0.99289	0.99281	0.99278
0.99197		0.99223	0.99236		0.99242	0.99235	0.99227	0.99219	0.99212	0.99209
0.99118	0.99133	0.99147	0.99162	0.99177	0.99169	0.99161	0.99153	0.99145	0.99137	0.99136
0.99034	0.99051	0.99067	0.99084	0.99101	0.99092	0.99084	0.99076	0.99067	0.99059	0.99059
0.98945	0.98963	0.98982	0.99001	0.99020	0.99011	0.99002	0.98993	0.98984	0.98975	0.98976
0.98849	0.98870	0.98891	0.98912	0.98932	0.98923	0.98913	0.98904	0.98894	0.98885	0.98888
0.98746	0.98769	0.98792	0.98815	0.98837	0.98828	0.98818	0.98808	0.98799	0.98789	0.98793
0.98634	0.98659	0.98684	0.98709	0.98735	0.98725	0.98715	0.98705	0.98695	0.98685	0.98691
0.98513	0.98541	0.98568	0.98596	0.98623	0.98613	0.98603	0.98593	0.98584	0.98574	0.98581
0.98382	0.98412	0.98442	0.98472	0.98502	0.98492	0.98482	0.98472	0.98462	0.98452	0.98461
0.98239	0.98271	0.98304	0.98337	0.98370	0.98360	0.98350	0.98340	0.98330	0.98320	0.98329
0.98083	0.98119	0.98155	0.98191	0.98227	0.98216	0.98205	0.98195	0.98184	0.98173	0.98184
0.97915	V. 100 000 000	The second second second second		0.98072	0.98060	0.98048	0.98037	0.98025	0.98013	0.98025
0.97731	0.97774	0.97817	0.97860	0.97903	0.97890	0.97877	0.97864	0.97852	0.97839	0.97852
0.97532			1 0 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.97720	0.97706	0.97691	0.97677	- 100 CE 100		0.97663
0.97314				0.97520	0.97504	0.97488	0.97472	and the same of th		0.97457
0.97076				1	757230	0.97265	0.97248	The state of the s	1 1	0.97232
0.96816	1 1 1 1 1 1 1 1 1 1			0.97059		0.97021	0.97001			0.96984
0.96530	3 / 3 / 3			0.96794	30 / 10 / 10	0.96752	0.96731			0.96712
0.9621	and the later of t		the state of the s	0.96504		0.96457	0,96433			0.96412
0.9587		The second secon	2 2 2	0.96188		0.96134	0.96107	- Universal and		0.96082
0.95500	The second second	The second second		0.95845	1 2 2 2	0.95782	0.95750			0.95720
0.95103		No. of the last of	The second second second	0.95471	0.95434	- 20 May 19 1 10 10	-0.00	and the second second		0.95324
0.94665	3 100 100 100 100 100 100 100 100 100 10	The second section is a second second	The second secon	0.95065		THE RESERVE TO SERVE	and the second second section in the second		0.94853	Control of the Contro
0,5100	d organization	0.5-1000	O. A. A. A.	1 0.72002	Or a property		- Secretary		0.5 1055	

0.94190	0.94298	0.94407	0.94515	0.94624	0.94576	0.94527	0.94479	0.94431	0.94382	0.94427
0.93676	0.93794	0.93911	0.94029	0.94146	0.94092	0.94037	0.93983	0.93928	0.93874	0.93922
0.93122	0.93249	0.93376	0.93503	0.93630	0.93570	0.93509	0.93448	0.93387	0.93326	0.93380
0.92527	0.92663	0.92800	0.92938	0.93075	0.93007	0.92940	0.92872	0.92804	0.92737	0.92795
0.91886	0.92034	0.92182	0.92330	0.92479	0.92403	0.92328	0.92253	0.92177	0.92102	0.92167
0.91199	0.91358	0.91518	0.91677	0.91838	0.91754	0.91671	0.91588	0.91505	0.91423	0.91493
0.90460	0.90632	0.90804	0.90977	0.91150	0.91058	0.90966	0.90875	0.90783	0.90692	0.90767
0.89666	0.89851	0.90036	0.90222	0.90408	0.90308	0.90208	0.90108	0.90008	0.89909	0.89987
0.88808	0.89007	0.89206	0.89405	0.89605	0.89497	0.89389	0.89281	0.89174	0.89066	0.89148
0.87880	0.88093	0.88305	0.88519	0.88732	0.88617	0.88503	0.88388	0.88274	0.88159	0.88244
0.86872	0.87098	0.87324	0.87552	0.87779	0.87659	0.87539	0.87420	0.87300	0.87181	0.87268
0.85774	0.86014	0.86254	0.86495	0.86736	0.86613	0.86491	0.86368	0.86246	0.86123	0.86213
0.84579	0.84833	0.85087	0.85341	0.85597	0.85473	0.85349	0.85225	0.85101	0.84978	0.85072
0.83280	0.83547	0.83814	0.84083	0.84352	0.84229	0.84105	0.83982	0.83859	0.83736	0.83836
0.81868	0.82149	0.82431	0.82714	0.82997	0.82876	0.82754	0.82632	0.82511	0.82390	0.82498
0.01000	Victoria To	U.OZ-TO I	Charles La	0.02771	O.Oaco ro	Cracker Fact 1	U.Oacova	O.Carl I	0.02000	0.02420
1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
0.99959	0.99959	0,99959	0.99959	0.99960	0.99961	0.99961	0.99962	0.99963	0.99962	0.99962
0.99908	0.99906	0.99905	0.99903	0.99906	0.99909	0.99912	0.99915	0.99918	0.99918	0.99917
0.99847	0.99843	0.99838	0.99834	0.99840	0.99846	0.99852	0.99858	0.99864	0.99866	0.99867
0.99781	0.99775	0.99769	0.99762	0.99770	0.99778	0.99786	0.99794	0.99802	0.99807	0.99812
0.99716	0.99708	0.99700	0.99692	0.99703	0.99713	0.99723	0.99733	0.99743	0.99749	0.99755
0.99652	0.99644	0.99636	0.99628	0.99640	0.99652	0.99665	0.99677	0.99689	0.99693	0.99697
0.99589	0.99581	0.99573	0.99566	0.99580	0.99595	0.99609	0.99624	0.99639	0.99639	0.99640
0.99527	0.99520	0.99514	0.99507	0.99523	0.99540	0.99556	0.99572	0.99589	0.99586	0.99584
0.99465	0.99459	0.99453	0.99447	0.99466	0.99484	0.99502	0.99521	0.99539	0.99535	0.99531
0.99402	0.99397	0.99392	0.99387	0.99407	0.99427	0.99448	0.99468	0.99488	0.99485	0.99481
0.99339	0.99334	0.99330	0.99325	0.99348	0.99370	0.99392	0.99415		0.99435	0.99432
0.99274	0.99270	0.99266	0.99263	0.99287	0.99312	0.99336	0.99361	0.99386	0.99385	0.99385
0.99206	0.99204	0.99201	0.99198	0.99225	0.99252	0.99278	0.99305	0.99332	0.99334	0.99336
0.99135	0.99133	0.99132	0.99131	0.99160	0.99189	0.99218	0.99247	1	0.99281	0.99285
0.99059	0.99059	0.99058	0.99058	0.99090	0.99122	0.99154	0.99186		0.99225	0.99232
0.98977	0.98979	0.98980	0.98981	0.99016	0.99051	0.99086	0.99121	0.99156	0.99165	0.99174
0.98890	0.98893	0.98896	0.98899	0.98937	0.98976	0.99014	0.99052	0.99091	0.99101	0.99112
0.98797	0.98801	0.98806	0.98810	0.98852	0.98894	0.98936	0.98978	0.99021	0.99032	0.99044
0.98696	0.98702	0.98707	0.98713	0.98759	0.98805	0.98851	0.98897	0.98943	0.98957	0.98971
0.98588	0.98594	CORP ST. AND CASE OF SER	0.98608	and the second second	and the second second	0.98758	V-43-C-11-F-	0.98858		0.98892
0.98469	0.98477	The second second second second	0.98494	0.98548	0.98602	0.98656	The Street of the	0.98764	and the state of the state of	0.98806
0.98339	0.98349		0.98368			0.98543	0.98602		0.98686	
0.98195	0.98206	100000000000000000000000000000000000000		0.98291		0.98418	The second second second	0.98545	0.98576	
0.98038	0.98050		0.98075	0.98143	100	0.98280		0.98417	0.98454	
0.97866	0.97880		0.97907	0.97981	0.98054	0.98127		0.98274	0.98318	
0.97679	0.97695			0.97804	0.97882	0.97960	W. C. S. W. L.	0.98116	0.98167	0.98218
0.97475	0.97493			0.97610	0.97693	0.97776		0.97941		0.98061
0.97251	0.97271		0.97309	0.97397	0.97485	0.97573	The second second second	0.97749	0.97818	
0.97005	0.97026			0.97161	0.97255	0.97348		0.97535		
0.96736	0.96759		0.96807	0.96905	0.97004	0.97103	0.97202	0.97301	0.97395	0.97489
0.96439	0.96465	0.96492	0.96518	0.96623	and the second second	0.96834	0.96939	0.97044	0.97152	0.97261
0.96112	0.96141		0.96199	0.96312	0.96425	0.96538	0.96651	0.96764	0.96887	0.97011
0.95753	0.95785	0.95818	0.95851	0.95972	0.96093	0.96214	0.96336	0.96457	0.96597	0.96737
0.95360	0.95397	0.95433	0.95470	0.95601		0.95863	0.95994	0.96125	0.96281	0.96437
0.94934	0.94975	0.95015	0.95056	0.95197	0.95339	0.95481	0.95623	0.95765	0.95937	0.96109
0.94471	0.94516	0.94561	0.94605	0.94758	0.94912	0.95066	0.95220	0.95374	0.95562	0.95750
						and the same				

0.93971	0.94020	0.94068	0.94117	0.94283	0.94450	0.94616	0.94783	0.94951	0.95154	0.95357
0.93433	0.93487	0.93540	0.93594	0.93773	0.93952	0.94132	0.94313	0.94493	0.94710	0.94928
0.92854	0.92912	0.92971	0.93029	0.93222	0.93416	0.93609	0.93803	0.93998	0.94229	0.94460
0.92232	0.92297	0.92362	0.92427	0.92634	0.92840	0.93047	0.93255	0.93463	0.93706	0.93950
0.91563	0.91633	0.91703	0.91773	0.91994	0.92216	0.92438	0.92661	0.92885	0.93139	0.93395
0.90841	0.90916	0.90991	0.91065	0.91303	0.91541	0.91779	0.92019	0.92259	0.92524	0.92791
0.90065	0.90144	0.90222	0.90301	0.90555	0.90811	0.91067	0.91324	0.91581	0.91857	0.92134
0.89230	0.89312	0.89395	0.89477	0.89750	0.90024	0.90298	0.90573	0.90850	0.91135	0.91420
0.88328	0.88413	0.88497	0.88582	0.88875	0.89170	0.89465	0.89761	0.90058	0.90353	0.90648
0.87355	0.87442	0.87529	0.87617	0.87932	0.88248	0.88565	0.88883	0.89203	0.89507	0.89813
0.86303	0.86393	0.86484	0.86574	0.86912	0.87252	0.87592	0.87934	0.88278	0.88595	0.88914
0.85166	0.85260	0.85355	0.85449	0.85812	0.86176	0.86541	0.86908	0.87277	0.87612	0.87948
0.83935	0.84034	0.84134	0.84233	0.84812	0.85395	0.85982	0.86573	0.87168	0.87040	0.86912
0.82606	0.82714	0.82823	0.82931	0.83533	0.84138	0.84748	0.85363	0.85982	0.85891	0.85799
1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989

1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
0.99968	0.99966	0.99967	0.99969	0.99971	0.99971	0.99973	0.99970	0.99971	0.99971	0.99973
0.99929	0.99926	0.99929	0.99934	0.99939	0.99937	0.99940	0.99934	0.99936	0.99936	0.9994
0.99884	0.99881	0.99886	0.99895	0.99903	0.99898	0.99901	0.99892	0.99895	0.99895	0.9990
0.99834	0.99832	0.99839	0.99853	0.99864	0.99855	0.99857	0.99845	0.99849	0.99848	0.99863
0.99780	0.99780	0.99790	0.99809	0.99822	0.99809	0.99809	0.99794	0.99800	0.99797	0.9981
0.99723	0.99726	0.99740	0.99763	0.99778	0.99762	0.99759	0.99741	0.99750	0.99744	0.99773
0.99665	0.99672	0.99690	0.99716	0.99732	0.99714	0.99707	0.99687	0.99700	0.99690	0.9972
0.99607	0.99620	0.99642	0.99667	0.99684	0.99667	0.99656	0.99634	0.99652	0.99638	0.9967
0.99548	0.99568	0.99594	0.99618	0.99636	0.99621	0.99604	0.99581	0.99604	0.99586	0.9963
0.99490	0.99518	0.99546	0.99567	0.99586	0.99575	0.99552	0.99530	0.99557	0.99536	0.9958
0.99433	0.99469	0.99498	0.99516	0.99536	0.99529	0.99500	0.99480	0.99510	0.99487	0.9953
0.99378	0.99423	0.99450	0.99464	0.99486	0.99482	0.99447	0.99431	0.99463	0.99439	0.9949
0.99323	0.99376	0.99402	0.99414	0.99436	0.99434	0.99395	0.99383	0.99416	0.99392	0.9944
0.99269	0.99327	0.99352	0.99364	0.99386	0.99386	0.99342	0.99334	0.99367	0.99343	0.9939
0.99216	0.99276	0.99301	0.99314	0.99335	0.99336	0.99288	0.99284	0.99316	0.99293	0.9934
0.99160	0.99223	0.99249	0.99265	0.99283	0.99284	0.99235	0.99234	0.99265	0.99242	0.9929
0.99103	0.99164	0.99194	0.99214	0.99230	0.99232	0.99180	0.99181	0.99211	0.99187	0.9924
0.99041	0.99102	0.99137	0.99160	0.99173	0.99177	0.99124	0.99127	0.99155	0.99130	0.9918
0.98975	0.99034	0.99076	0.99103	0.99113	0.99120	0.99064	0.99070	0.99098	0.99068	0.9913
0.98903	0.98961	0.99011	0.99040	0.99048	0.99058	0.99002	0.99011	0.99036	0.99003	0.9907
0.98825	0.98881	0.98940	0.98972	0.98979	0.98992	0.98935	0.98946	0.98971	0.98932	0.9900
0.98739	0.98794	0.98864	0.98897	0.98904	0.98919	0.98864	0.98876	0.98900	0.98857	0.9893
0.98644	0.98699	0.98781	0.98813	0.98823	0.98837	0.98788	0.98799	0.98823	0.98777	0.9886
0.98540	0.98596	0.98689	0.98719	0.98735	0.98746	0.98706	0.98713	0.98739	0.98691	0.9878
0.98426	0.98481	0.98588	0.98614	0.98638	0.98644	0.98616	0.98617	0.98646	0.98598	0.9868
0.98299	0.98355	0.98474	0.98498	0.98531	0.98530	0.98516	0.98511	0.98544	0.98497	0.9859
0.98158	0.98216	0.98347	0.98368	0.98412	0.98405	0.98402	0.98394	0.98433	0.98385	0.9847
0.98002	0.98064	0.98204	0.98224	0.98279	0.98268	0.98274	0.98265	0.98310	0.98260	0.9835
0.97829	0.97897	0.98042	0.98065	0.98130	0.98116	0.98129	0.98123	0.98173	0.98120	0.9822
0.97635	0.97714	0.97859	0.97889	0.97963	0.97951	0.97966	0.97967	0.98021	0.97965	0.9807
0.97420	0.97513	0.97655	0.97692	0.97777	0.97772	0.97785	0.97796	0.97851	0,97794	0.9791
0.97184	0.97292	0.97428	0.97472	0.97571	0.97577	0.97584	0.97606	0.97662	0.97606	0.9772
0.96923	0.97049	0.97179	0.97226	0.97342	0.97362	0.97364	0.97396	0.97451	0.97401	0.9752
0.96637	0.96781	0.96908	0.96952	0.97090	0.97126	0.97121	0.97163	0.97216	0.97178	0.9730
0.96324	0.96486	0.96616	0.96649	0.96811	0.96865	0.96854	0.96906	0.96957	0.96935	0.9706
0.95983	0.96163	0.96302	0.96315	0.96502	0.96576	0.96561	0.96622	0.96674	0.96669	0.9679
0.95612	0.95809	0.95964	0.95952	0.96162	0.96258	0.96237	0.96309	0.96367	0.96377	0.9650

0.95	207	0.95423	0.95599	0.95560	0.95788	0.95907	0.95881	0.95965	0.96033	0.96056	0.96193
0.94	768	0.95001	0.95203	0.95136	0.95379	0.95525	0.95491	0.95589	0.95671	0.95702	0.95854
			0.94772								
			0.94301								
			0.93786								
			0.93224								
			0.92608								
			0.91936								
			0.91202								
			0.90402								
			0.89528								
			0.88577								
0.86	5664	0.87096	0.87541	0.87190	0.87791	0.88286	0.88213	0.88457	0.88851	0.88777	0.89045

1990	1991	1992	1993	1994	1995
0.99971	0.99974	0.99977	0.99980	0.99983	0.99986
0.99937	0.99943	0.99949	0.99955	0.99961	0.99967
0.99898	0.99907	0.99916	0.99925	0.99934	0.99943
0.99856	0.99867	0.99878	0.99889	0.99900	0.99911
0.99811	0.99825	0.99839	0.99853	0.99867	0.99881
0.99765	0.99781	0.99797	0.99813	0.99829	0.99845
0.99719	0.99736	0.99753	0.99770	0.99787	0.99804
0.99673	0.99690	0.99707	0.99724	0.99741	0.99758
0.99629	0.99645	0.99661	0.99676	0.99692	0.99708
0.99585	0.99598	0.99611	0.99624	0.99637	0.99650
0.99541	0.99550	0.99559	0.99568	0.99577	0.99586
0.99497	0.99500	0.99503	0.99506	0.99509	0.99512
0.99452	0.99449	0.99446	0.99443	0.99440	0.99437
0.99407	0.99398	0.99389	0.99380	0.99371	0.99362
0.99360	0.99345	0.99330	0.99315	0.99300	0.99285
0.99311	0.99291	0.99271	0.99252	0.99232	0.99212
0.99260	0.99238	0.99216	0.99194	0.99172	0.99150
0.99205	0.99182	0.99159	0.99137	0.99114	0.99091
0.99147	0.99125	0.99102	0.99079	0.99056	0.99033
0.99086	0.99064	0.99042	0.99021	0.98999	0.98977
0.99021	0.99000	0.98979	0.98958	0.98937	0.98917
0.98951	0.98930	0.98910	0.98889	0.98868	0.98847
0.98877	0.98856	0.98836	0.98815	0.98794	0.98773
0.98798	0.98776	0.98754	0.98733	0.98711	0.98689
0.98713	0.98690	0.98668	0.98645	0.98622	4 7 7 7 7 7
0.98621	0.98598	0.98574	0.98550	0.98527	0.98503
0.98521	0.98497	0.98473	0.98450	0.98426	
0.98411	0.98388	0.98364	0.98340	0.98317	
0.98290	0.98268	0,98245	0.98222	4907-0103	0.98177
0.98157	0.98135	0.98113	0.98092	0.98070	0.98049
0.98007	0.97987	0.97966	0,97946	0.97925	A STATE OF THE PARTY OF THE PAR
0.97841	0.97822	0.97804	0.97785	0.97766	0.97748
0.97656	0.97639	0.97623	0.97606	0.97589	0.97573
0.97449	0.97436	0.97423	0.97411	0.97398	0.97385
0.97219	0.97212	0.97205	0.97198	0.97192	S
0.96964	0.96965	0.96966	0.96967	0.96968	1.17.5.5
0.96684	0.96696	0.96707	0.96719	0.96731	0.96742
0.96376	0.96402	0.96427	0.96452	0.96477	0.96502

0.96041	0.96082	0.96124	0.96165	0.96207	0.96249
0.95676	0.95735	0.95793	0.95852	0.95911	0.95969
0.95280	0.95356	0.95431	0.95507	0.95583	0.95659
0.94849	0.94940	0.95030	0.95121	0.95212	0.95303
0.94381	0.94484	0.94588	0.94691	0.94795	0.94899
0.93868	0.93983	0.94099	0.94214	0.94329	0.94445
0.93307	0.93433	0.93558	0.93684	0.93811	0.93937
0.92689	0.92827	0.92965	0.93104	0.93242	0.93381
0.92011	0.92162	0.92314	0.92467	0.92619	0.92772
0.91266	0.91433	0.91601	0.91769	0.91937	0.92105
0.90452	0.90636	0.90820	0.91005	0.91190	0.91376
0.89564	0.89765	0.89967	0.90169	0.90371	0.90574

Aged30	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956
30	0.99835	0.99845	0.99855	0.99865	0.99874	0.99884	0.99894	0.99904	0.99906	0.99908
31	0.99663	0,99683	0.99703	0.99722	0.99742	0.99762	0.99781	0.99801	0.99805	0.99809
32	0.99483	0.99512	0.99542	0.99572	0.99601	0.99631	0.99661	0.99690	0.99697	0.99703
33	0.99293	0.99333	0.99372	0.99412	0.99452	0.99491	0.99531	0.99571	0.99579	0.99588
34	0.99092	0.99142	0.99192	0.99242	0.99292	0.99341	0.99391	0.99441	0.99452	0.99463
35	0.98880	0.98940	0.99000	0.99060	0.99120	0.99181	0.99241	0.99301	0.99315	0.99328
36	0.98656	0.98726	0.98796	0.98866	0.98937	0.99007	0.99078	0.99148	0.99164	0.99181
37	0.98419	0.98499	0.98579	0.98660	0.98740	0.98820	0.98901	0.98982	0.99001	0.99021
38	0.98170	0.98260	0.98350	0.98440	0.98530	0.98621	0.98711	0.98801	0.98824	0.98847
39	0.97908	0.98007	0.98107	0.98206	0.98306	0.98405	0.98505	0.98605	0.98631	0.98658
40	0.97630	0.97738	0.97847	0.97955	0.98064	0.98173	0.98282		0.98422	0.98452
41	0.97333	0.97450	0.97568	0.97686	0.97803	0.97921	0.98039	0.98158	0.98193	0.98228
42	0.97016	0.97142	0.97269	0.97395	0.97522	0.97649	0.97776		0.97943	0.97983
43	0.96675	0.96810	0.96946	0.97081	0.97217	0.97353	0.97489		0.97670	0,97715
44	0.96309	0.96453	0.96597	0.96741	0.96886	0.97031	0.97176		0.97371	0.97421
45	0.95913	0.96066	0.96219	0.96373	0.96526	0.96680	0.96834	t ii	0.97045	0.97100
46	0.95484	0.95647	0.95809	0.95972	0.96135	0.96299	0.96462		0.96688	0.96750
47	0.95017	0.95190	0.95363	0.95536	0.95709	0.95883	0.96057		0.96300	0.96369
48	0.94507	0.94691	0.94875	0.9 5 059	0.9 5244	0.95429	0.95615		0.95877	0.95954
49	0.93951	0.94148	0.94344	0.94542	0.94739	0.94937	0.9513	1	0.95419	0.95503
50	0.93349	0.93559	0.93770		0.94192	0.94404	0.94616		0.94922	0.95015
51	0.92700	0.92925			0.93602	0.93829		1	0.94386	0.94488
52	0.92009	0.92248		1	0.92969	0.93210	0.93453	1	0.93807	0.93919
53	0.91276	0.91530	0.91783	0.92038		0.92549		1	0.93185	0.93307
54	0.90502	0.90769	0.91036	1		0.91842	0.9211			0.92650
55	0.89681	0.89960	0.90240			The second secon	0.91369	1		0.91943
56	0.88803	0.89095	0.89389				0.90572			0.91185
57	0.87861	0.88168					0.8971	1		0.90369
58	0.86852	0.87172	0.87494)	1	7 - 1 - 4 - 4 - 1	0.88793	1	0.89305	0.89490
59	0.85768	0.86103		0.86778		1111-111-11	0.87799		0.88341	0.88539
60	0.84602	0.84952					0.86723		0.87294	0.87506
61	0.83343	0.83709					THE STATE OF THE S	1	0.86158	0.86384
62	0.81988	0.82368			1		0.84294	1	1	0.85164
63	0.80533	0.80927	0.81323	1			0.82926	1	0.83585	0.83838
64	0.78970	0.79377	0.79786	0.80197	0.80611	0.81026	0.81444	0.81863	0.82130	0.82398

T	1957	1958	19 5 9	1960	1961	1962	1963	1964	1965	1966	1967
											0.99916
1	0.99814	0.99818	0.99822	0.99826	0.99830	0.99829	0.99828	0.99826	0.99825	0.99824	0.99827

0.99709	o coard	0.00722	0.00229	0.99734	0.00733	0.0073.1	0.00730	0.00720	0 99727	0.99732
	0.99605	0.99722		0.99631	0.99629	0.99627	0.99626		0.99623	0.99628
The state of the s	200000000000000000000000000000000000000	0.99496	Taranta Araba San District	0.99518	0.99516	0.99515	0.99513	0.99512		0.99517
0.99474	0.99485	0.99369	100mm	0.99316	0.99394	0.99392	0.99391	0.99389		0.99396
0.99342	0.99355		0.99382		0.99394	0.99392	0.99257	0.99369		0.99390
0.99197	0.99213	0.99230	STATE OF THE STATE		0.99201	0.99239	0.99111	0.99108		0.99117
0.99040	0.99060	0.99079	The second secon	0.99118		COLUMN TO SERVICE STATE OF THE PARTY OF THE		A CONTRACTOR AND ADDRESS OF THE PARTY OF THE		0.98957
0.98870	0.98893	0.98916		0.98962	0.98958	0.98955	0.98951	0.98948		0.98937
0.98685	0.98711	0.98738	100000000000000000000000000000000000000	0.98792	0.98787	0.98782	0.98777	0.98773	,	0.98591
0.98483	0.98514	0.98545	0.98576	0.98607	0.98601	0.98594	0.98588	0.98582 0.98373		0.98383
0.98263	0.98299	0.98334	0.98369	0.98405	0.98397	0.98389	0.98381			0.98156
0.98023	0.98063	0.98103		0.98183	0.98174	0.98164	0.98155	0.98146		
0.97760	0.97805	0.97850	The same of the same of	0.97940	0.97929	0.97917	0.97906	0.97895		0.97905
0.97471	0.97522	0.97572	The state of the s	0.97672	0.97659	0.97646	0.97633	0.97620		0.97631
0.97156	0.97212	0.97268	State of the State	0.97379	0.97364	0.97348	0.97333	0.97317		0.97328
0.96812	0.96874	0.96937	0.96999	0.97061	0.97042	0.97023	0.97004	0.96985		0.96995
0.96438	0.96507	0.96576	0.96645	0.96714	0.96691	0.96667	0.96644	0.96620		0.96629
0.96030	0.96107	0.96184	0.96260	0.96337	0.96308	0.96279	0.96250	0.96221		0.96229
0.95588	0.95673	0.95758	0.95843	0.95928	0.95893	0.95858	0.95823	0.95789		0.95795
0.95109	0.95202	0.95295	0.95389	0.95483	0.95442	0.95401	0.95360	0.95320		0.95324
0.94590	0.94693	0.94795	0.94898		0.94953	0.94906	0.94859	0.94812		0.94815
0.94031	0.94143	0.94255	0.94367	0.94480	0.94426	0.94373	0.94320	0.94266		0.94267
0.93429	0.93552	0.93674	0.93797		0.93859	0.93799	0.93738	0.93678		0.93677
0.92783	0.92916	0.93050		0.93318	0.93249	0.93181	0.93113		0.92977	0.93043
0.92088	0.92234	0.92379			0.92595	0.92519	0.92443	0.92367		0.92362
0.91343	0.91501	0.91659		0.91977	0.91892	0.91807	0.91723		0.91554	0.91629
0.90540	0.90712	0.90884	0.91056	0.91228	0.91135	0.91042	0.90948		0.90762	0.90842
0.89675	0.89860	0.90046	0.90232	0.90418	0.90317	0.90215	0.90114	100 100 100 100	0.89912	0.89995
0.88738	0.88937	0.89137	The second second second	0.89537	0.89429	0.89321	0.89213		0.88997	0.89082
0.87719	0.87933	0.88146	0.88361	0.88576	0.88462	0.88349	0.8823.5	0.88122		0.88097
0.86611	0.86838	0.87066	0.87294	0.87523	0.87407	0.87290	0.87174	0.87057	0.86941	0.87032
0.85405	0.85646	0.85888	0.86130	0.86373	0.86255	0.86138	0.86020	0.85902	0.85785	0.85880
0.84092	0.84348	0.84603	0.84860	0.85118	0.85000	0.84883	0.84766	0.84649	0.84532	0.84632
0.82667	0.82937	0.83207	0.83478	0.83751	0.83635	0.83519	0.83403	0.83288	0.83172	0.83282
1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
0.99918	0.99919	0.99921	0.99922	0.99925	0.99928	0.99932	0.99935	0.99938	0.99940	0.99942
0.99830	0.99833	0.99836	0.99839	0.99846	0.99852	0.99859	0.99865	0.99872	0.99876	0.99879
0.99736	0.99740	0.99745	0.99749	0.99760	0.99770	0.99780	0.99791	0.99801	0.99806	0.99811
0.99634	0.99640	0.99646	0.99651	0.99666	0.99680	0.99695	0.99709	0.99723	0.99730	0.99737
				Or S S S S S S S S S S S S S S S S S S S	Other Property	OI SERVER				0.00455
0.99524	0.99531	0.99539		0.99564	0.99582	0.99601	THE RESERVE OF THE PARTY OF THE	0.99638	0.99647	0.99657
0.99524	0.99531 0.99413		0.99546		100000000000000000000000000000000000000	0.99601	0.99619	0.99638 0.99543	0.99647 0.99557	0.99657
0.99405	0.99413	0.99539 0.99422	0.99 5 46 0.99430	0.99564	0.99582	0.99601	0.99619		5 3 4 4 4 4	0.99571
		0.99539 0.99422 0.99293	0.99546 0.99430 0.99303	0.99564 0.99453	0.99582 0.99475	0,99601 0,99498 0,99384	0.99619 0.99520 0.99411	0.99543 0.99438	0.99557	0.99571 0.99475
0.99405 0.99273	0.99413 0.99283	0.99539 0.99422	0.99546 0.99430 0.99303 0.99162	0.99564 0.99453 0.99330	0.99582 0.99475 0.99357	0.99601 0.99498 0.99384	0.99619 0.99520 0.99411 0.99290	0.99543 0.99438	0.99557 0.99457	0.99571 0.99475 0.99370
0.99405 0.99273 0.99128	0.99413 0.99283 0.99139	0.99539 0.99422 0.99293 0.99151	0.99546 0.99430 0.99303 0.99162 0.99007	0.99564 0.99453 0.99330 0.99194	0.99582 0.99475 0.99357 0.99226	0.99601 0.99498 0.99384 0.99258	0.99619 0.99520 0.99411 0.99290 0.99156	0.99543 0.99438 0.99322 0.99193	0.99557 0.99457 0.99346	0.99571 0.99475 0.99370 0.99252
0.99405 0.99273 0.99128 0.98969	0.99413 0.99283 0.99139 0.98982 0.98810	0.99539 0.99422 0.99293 0.99151 0.98995	0.99546 0.99430 0.99303 0.99162 0.99007 0.98838	0.99564 0.99453 0.99330 0.99194 0.99044	0.99582 0.99475 0.99357 0.99226 0.99082	0.99601 0.99498 0.99384 0.99258 0.99119 0.98965	0.99619 0.99520 0.99411 0.99290 0.99156 0.99007	0.99543 0.99438 0.99322 0.99193	0.99557 0.99457 0.99346 0.99223	0.99571 0.99475 0.99370 0.99252 0.99122
0.99405 0.99273 0.99128 0.98969 0.98796	0.99413 0.99283 0.99139 0.98982	0.99539 0.99422 0.99293 0.99151 0.98995 0.98824 0.98639	0.99546 0.99430 0.99303 0.99162 0.99007 0.98838	0.99564 0.99453 0.99330 0.99194 0.99044 0.98880	0.99582 0.99475 0.99357 0.99226 0.99082 0.98922	0.99601 0.99498 0.99384 0.99258 0.99119 0.98965 0.98796	0.99619 0.99520 0.99411 0.99290 0.99156 0.99007 0.98843	0.99543 0.99438 0.99322 0.99193 0.99049 0.98890	0.99557 0.99457 0.99346 0.99223 0.99086	0.99571 0.99475 0.99370 0.99252 0.99122 0.98979
0.99405 0.99273 0.99128 0.98969 0.98796 0.98607	0.99413 0.99283 0.99139 0.98982 0.98810 0.98623	0.99539 0.99422 0.99293 0.99151 0.98995 0.98639 0.98437	0.99546 0.99430 0.99303 0.99162 0.99007 0.98838 0.98655 0.98455	0.99564 0.99453 0.99330 0.99194 0.998880 0.98702	0.99582 0.99475 0.99357 0.99226 0.99082 0.98922 0.98749	0,99601 0,99498 0,99384 0,99258 0,99119 0,98965 0,98796	0.99619 0.99520 0.99411 0.99290 0.99156 0.99007 0.98843 0.98662	0.99543 0.99438 0.99322 0.99193 0.99049 0.98890 0.98714	0.99557 0.99457 0.99346 0.99223 0.99086 0.98934	0.99571 0.99475 0.99370 0.99252 0.99122 0.98979 0.98820
0.99405 0.99273 0.99128 0.98969 0.98796 0.98607 0.98401 0.98175	0.99413 0.99283 0.99139 0.98982 0.98810 0.98623 0.98419 0.98195	0.99539 0.99422 0.99293 0.99151 0.98995 0.98639 0.98437 0.98215	0.99546 0.99430 0.99303 0.99162 0.99007 0.98838 0.98655 0.98455 0.98234	0.99564 0.99453 0.99330 0.99194 0.98880 0.98702 0.98507 0.98291	0.99582 0.99475 0.99357 0.99226 0.99082 0.98922 0.98749 0.98558	0.99601 0.99498 0.99384 0.99258 0.99119 0.98965 0.98796 0.98610 0.98405	0.99619 0.99520 0.99411 0.99290 0.99156 0.99007 0.98843 0.98662 0.98462	0.99543 0.99438 0.99322 0.99193 0.99049 0.98890 0.98714	0.99557 0.99457 0.99346 0.99223 0.99086 0.98934 0.98767 0.98582	0.99571 0.99475 0.99370 0.99252 0.99122 0.98979 0.98820
0.99405 0.99273 0.99128 0.98969 0.98796 0.98607 0.98401 0.98175 0.97927	0.99413 0.99283 0.99139 0.98982 0.98810 0.98623 0.98419 0.98195 0.97948	0.99539 0.99422 0.99293 0.99151 0.98995 0.98639 0.98437 0.98215 0.97969	0.99546 0.99430 0.99303 0.99162 0.99007 0.98838 0.98655 0.98455 0.98234 0.97991	0.99564 0.99453 0.99330 0.99194 0.99044 0.98880 0.98702 0.98507	0.99582 0.99475 0.99357 0.99226 0.99082 0.98749 0.98558 0.98348 0.98116	0.99601 0.99498 0.99384 0.99258 0.99119 0.98965 0.98796 0.98405 0.98179	0.99619 0.99520 0.99411 0.99290 0.99156 0.99007 0.98843 0.98662 0.98462 0.98242	0.99543 0.99438 0.99322 0.99193 0.99049 0.98890 0.98714 0.98519	0.99557 0.99457 0.99346 0.99223 0.99086 0.98934 0.98767 0.98582	0.99571 0.99475 0.99370 0.99252 0.99122 0.98979 0.98820 0.98645 0.98454
0.99405 0.99273 0.99128 0.98969 0.98796 0.98607 0.98401 0.98175	0.99413 0.99283 0.99139 0.98982 0.98810 0.98623 0.98419 0.98195	0.99539 0.99422 0.99293 0.99151 0.98995 0.98824 0.98639 0.98437 0.98215 0.97703	0.99546 0.99430 0.99303 0.99162 0.99007 0.98838 0.98655 0.98455 0.98234	0.99564 0.99453 0.99330 0.99194 0.98880 0.98702 0.98507 0.98291 0.98053	0.99582 0.99475 0.99357 0.99226 0.99082 0.98749 0.98558 0.98348 0.98116	0.99601 0.99498 0.99384 0.99258 0.99119 0.98965 0.98796 0.98405 0.98179 0.97932	0.99619 0.99520 0.99411 0.99290 0.99156 0.99007 0.98843 0.98662 0.98462 0.98242	0.99543 0.99438 0.99322 0.99193 0.99049 0.98890 0.98714 0.98519 0.98304	0.99557 0.99457 0.99346 0.99223 0.99086 0.98934 0.98767 0.98582 0.98379	0.99571 0.99475 0.99370 0.99252 0.99122 0.98979 0.98820 0.98645 0.98454 0.98243
0.99405 0.99273 0.99128 0.98969 0.98796 0.98401 0.98175 0.97927 0.97655 0.97355	0.99413 0.99283 0.99139 0.98982 0.98810 0.98623 0.98419 0.98195 0.97679 0.97382	0.99539 0.99422 0.99293 0.99151 0.98995 0.98824 0.98639 0.98437 0.98215 0.97703 0.97409	0.99546 0.99430 0.99303 0.99162 0.99007 0.98838 0.98655 0.98455 0.98234 0.97791 0.97727	0.99564 0.99453 0.99330 0.99194 0.98880 0.98702 0.98507 0.98291 0.98053 0.97795	0,99582 0,99475 0,99357 0,99226 0,98922 0,98749 0,98558 0,98348 0,975864 0,97585	0.99601 0.99498 0.99384 0.99258 0.99119 0.98965 0.98796 0.98405 0.98179 0.97932	0.99619 0.99520 0.99411 0.99290 0.99156 0.99007 0.98843 0.98662 0.98462 0.98242 0.98000 0.97735	0.99543 0.99438 0.99322 0.99193 0.99049 0.98890 0.98714 0.98519 0.98304 0.98068	0.99557 0.99457 0.99346 0.99223 0.99086 0.98934 0.98767 0.98582 0.98379 0.98156 0.97911	0.99571 0.99475 0.99370 0.99252 0.99122 0.98979 0.98820 0.98645 0.98454 0.98243
0.99405 0.99273 0.99128 0.98969 0.98796 0.98607 0.98401 0.98175 0.97927	0.99413 0.99283 0.99139 0.98982 0.98810 0.98623 0.98419 0.97679 0.97679 0.97382 0.97054	0.99539 0.99422 0.99293 0.99151 0.98824 0.98639 0.98437 0.98215 0.97703 0.97703	0.99546 0.99430 0.99303 0.99162 0.99007 0.98838 0.98655 0.98455 0.98234 0.97791	0.99564 0.99453 0.99330 0.99194 0.98880 0.98702 0.98507 0.98291 0.98053 0.97795 0.97511 0.97196	0.99582 0.99475 0.99357 0.99226 0.98922 0.98749 0.98558 0.98348 0.98116 0.97585 0.97279	0.99601 0.99498 0.99384 0.99258 0.99119 0.98965 0.98796 0.98405 0.98179 0.97932 0.97660 0.97361	0.99619 0.99520 0.99411 0.99290 0.99156 0.99007 0.98843 0.98662 0.98462 0.98242 0.98000 0.97735	0.99543 0.99438 0.99322 0.99193 0.99049 0.98890 0.98519 0.98304 0.98068 0.97809 0.97527	0.99557 0.99457 0.99346 0.99223 0.99086 0.98934 0.98767 0.98582 0.98379 0.98156 0.97911	0.99571 0.99475 0.99370 0.99252 0.99122 0.98979 0.98820 0.98645 0.98454 0.98243 0.98013

1	1					الممدد		0.00000		البصيمة
0.96267	0.96304		0.96378	0.96479	7177	0.96681	- Inches	0.96883		0.97184
0.95836	0.95877	A Company of the Company	0.95959	0.96071	0.96183	0.96295	0.96408	0.96520	0.96686	0.96853
0.95369	0.95414	The second second second	0.95505	0.95629	0.95753	0.95877	0.96002	0.96126	0.96308	0.96491
0.94864	0.94913	0.94962	0.95012	0.95149	0.95286	0.95424	0.95561	0.95699	0.95897	0.96095
0.94321	0.94375	0.94429	0.94484	0.94634	0.94785	0.94936	0.95087	0.95238	0.95450	0.95663
0.93736	0.93795	0.93854	0.93914	0.94078	0.94243	0.94408	0.94573	0.94739	0.94965	0.95191
0.93109	0.93174	0.93240	0.93306	0.93484	0.93663	0.93841	0.94021	0.94200	0.94438	0.94677
0.92433	0.92504	0.92575	0.92646	0.92839	0.93033	0.93227	0.93422	0.93617	0.93867	0.94118
0.91704	0.91780	0.91856	0.91931	0.92141	0.92352	0.92563	0.92774	0.92986	0.93247	0.93509
0.90921	0.91000	0.91080	0.91159	0.91387	0.91615	0.91844	0.92073	0.92303	0.92575	0.92847
0.90078	0.90161	0.90244	0.90328	0.90574	0.90821	0.91069	0.91317	0.91566	0.91847	0.92128
0.89168	0.89253	0.89339	0.89424	0.89692	0.89960	0.90228	0.90498	0.90768	0.91059	0.91350
0.88185	0.88273	0.88361	0.88450	0.88739	0.89029	0.89321	0.89613	0.89906	0.90207	0.90508
0.87123	0.87215	0.87306	0.87397	0.87710	0.88024	0.88340	0.88656	0.88974	0.89287	0.89602
0.85975	0.86071	0.86166	0.86262	0.86600	0.86939	0.87280	0.87621	0.87965	0.88296	0.88629
0.84732	0.84833	0.84934	0.85034	0.85591	0.86152	0.86716	0.87284	0.87856	0.87720	0.87584
0.83391	0.83500	0.83610	0.83720	0.84300	0.84884	0.85472	0.86064	0.86660	0.86562	0.86463
1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
0.99944	0.99946	0.99947	0.99950	0.99948	0.99948	0.99946	0.99949	0.99948	0.99948	0.99949
1	0.99887	0.99892	0.99899	0.99894	0.99895	0.99891	0.99896	0.99894	0.99893	0.99896
1 1	0.99824	0.99834	0.99845	0.99837	0.99840	0.99834	0.99841	0.99838	0.99835	0.99841
0.99757	0.99756	0.99773	0.99787	0.99776	0.99782	0.99774	0.99784	0.99780	0.99773	0.99783
0.99684	0.99682	0.99707	0.99724	0.99711	0.99720	0.99711	0.99724	0.99718	0.99707	0.99722
	0.99602	0.99637	0.99655	0.99642	0.99654	0.99645	0.99659	0.99653	0.99637	0.99657
1 1	0.99514	0.99560	0.99580	0.99566	0.99580	0.99573	0.99589	0.99581	0.99561	0.99588
0.99423	0.99418	0.99476	0.99495	0.99484	0.99497	0.99496	0.99511	0.99503	0.99480	0.99512
1 1	0.99314	0.99384	0.99401	0.99396	0.99406	0.99414	0.99424	0.99419	0.99394	0.99429
0.99204	0.99199	0.99281	0.99295	0.99298	0.99303	0.99323	0.99328	0.99325	0.99300	0.99338
0.99076	0.99072	0.99167	0.99178	0.99191	0.99189	0.99222	0.99221	0.99223	0.99198	0.99238
0.98934	0.98932	0.99039	0.99047	0.99071	0.99063	0.99108	0.99103	0.99111	0.99085	0.99126
0.98777	0.98779	0.98895	0.98903	0.98937	0.98924	0.98979	0.98973	0.98987	0.98959	0.99005
0.98602	0.98611	0.98731	0.98742	0.98787	0.98772	0.98832	0.98830	0.98849	0.98818	0.98870
0.98407	0.98427	0.98548	0.98742	0.98619	0.98606	0.98668	0.98673	0.98696	0.98662	0.98721
0.98190	0.98427	0.98342	0.98366	0.98432	0.98426	0.98486	0.98501	0.98525	0.98490	0.98555
1	0.98224		0.98145		0.98229	0.98284		0.98323	0.98301	0.98371
					0.98229					
					0.98013					
					0.97712			0.97625		
					0.97222			0.97340		
					0.96901					
		0.96272			0.96548					
		0.95873		0.96017				0.96330		
				0.95569				0.95936		
				0.95085				0.95508		
				0.94562				0.95044		
					0.94272			0.94537		
					0.93695			0.93984		
					0.93064			1		
			1		0.92372					
					0.91613					
							1		1	0.91415
0.88432	0.88781	0.89200	0.88851	0.89395	0.89870	0.89801	0.90069	0.90384	0.90344	0.90559

0.87349 | 0.87731 | 0.88157 | 0.87792 | 0.88379 | 0.88876 | 0.88845 | 0.89095 | 0.89463 | 0.89409 | 0.89630

1990	1991	1992	1993	1994	1995
0.99951	0.99946	0.99941	0.99936	0.99931	0.99926
0.99899	0.99892	0.99885	0.99878	0.99871	0.99864
0.99844	0.99836	0,99828	0.99820	0.99812	0.99804
0.99786	0.99778	0.9977 0	0.99762	0.99754	0.99746
0.99724	0.99717	0.99710	0.99703	0.99696	0.99689
0.99658	0.99653	0.99647	0.99641	0.99635	0,99629
0.99589	0.99583	0.99577	0.99571	0.99565	0.99559
0.99514	0.99508	0.99502	0.99496	0.99490	0.99484
0.99434	0.99427	0.99420	0.99414	0.99407	0.99400
0.99349	0.99341	0.99333	0.99325	0.99317	0.99309
0.99257	0.99248	0.99239	0.99230	0.99221	0.99212
0.99155	0.99146	0.99137	0.99128	0.99120	0.99111
0.99045	0.99036	0.99027	0.99018	0.99010	0.99001
0.98923	0.98915	0.98908	0.98900	0.98892	0.98884
0.98789	0.98782	0.98775	0.98768	0.98761	0.98754
0.98639	0.98633	0.98627	0.98621	0.98615	0.98609
0.98471	0.98467	0.98463	0.98459	0.98455	
0.98285	0.98283	0.98281	0.98279	0.98277	0.98275
0.98077	0.98079	0.98080	0.98082	0.98084	0.98086
0.97845	0.97853	0.97861	0.97869	0.97876	0.97884
0.97589	0.97604	0.97620	0.97636	0.97651	0.97667
0.97307	0.97333	0.97359	0.97386	0.97412	0.97439
0.96997	0.97037	0.97077	0.97117	0.97157	0.97197
0.96660	0.96716	0.96772	0.96829	0.96885	0.96941
0.96292	0.96366	0.96439	0.96513	0.96587	0.96660
0.95894	0.95984	0.96075	0.96165	0.96256	0.96347
0.95460	0.95566	0.95671	0.95777	0.95883	0.95989
0.94989	0.95107	0.95225	0.95344	0.95463	0.95582
0.94473	0.94603	0.94733	0.94864	0.94994	
0.93908	0.94049	0.94189	0.94330	0.94472	
0.93286	0.93439	0.93592	0.93746	0.93899	1
0.92603	0.92770	0.92937		0.93272	0.93440
0.91854	0.92036	0.92219	0.92401		
0.91035	0.91234	0.91433			
0.90141	0.90357	0.90574	0.90791	0.91008	0.91226

Aged 45	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956
45	0.99589	0.99599	0.99609	0.99619	0.99629	0.99639	0.99649	0.99659	0.99665	0.99671
46	0.99144	0.99164	0.99185	0.99205	0.99225	0.99246	0.99266	0.99286	0.99299	0.99311
47	0.98659	0.98691	0.98722	0.98754	0.98785	0.98817	0.98849	0.98880	0.98900	0.98920
48	0.98129	0.98173	0.98217	0.98262	0.98306	0.98350	0.98394	0.98438	0.98466	0.98494
49	0.97552	0.97610	0.97668	0.97726	0.97784	0.97842	0.97901	0.97959	0.97995	0.98032
50	0.96927	0.97000	0.97073	0.97146	0.97220	0.97293	0.97366	0.97440	0.97485	0.97531
51	0.96253	0.96342	0.96432	0.96521	0.96611	0.96700	0.96790	0.96879	0.96934	0.96989
52	0.95535	0.95641	0.95746	0.95851	0.95957	0.96063	0.96169	0.96275	0.96340	0.96405
53	0.94775	0.94896	0.95017	0.95138	0.95260	0.95381	0.95503	0.95625	0.95701	0.95777
54	0.93971	0.94107	0.94243	0.94380	0.94516	0.94653	0.94790	0.94927	0.95014	0.95102
55	0.93118	0.93268	0.93419	0.93570	0.93722	0.93873	0.94025	0.94177	0.94277	0.94377
5 6	0.92206	0.92372	0.92538	0.92704	0.92870	0.93037	0.93204	0.93372	0.93485	0.93599
57	0.91229	0.91410	0.91592	0.91774	0.91957	0.92139	0.92323	0.92506	0.92634	0.92761

58	0.90181	0.90378	0.90577	0.00774	0.0074	0.91174	0.91374	0.91575	0.91717	0.91859
59	0.89055	0.89270	0.89485	0.89701	0.89917	0.90134	0.90351		0.90726	0.90883
60	0.87844	0.88076	0.88308	0.88541	0.88775	0.89009	0.89244		0.89651	0.89823
61	0.86538	0.86787	0.87037	0.87288	0.87540	0.87792	0.88045		0.88485	0.88671
62	0.85131	0.85398	0.85665	0.85934	0.86203	0.86473	0.000 0.000 0.000		0.87217	0.87418
63	0.83620	0.83903	0.84188	0.84474	0.84760	0.85048	14 14 14 14 14 14 14 14 14 14 14 14 14 1		0.85841	0.86057
64	0.81997	0.83305	0.82597	0.82899	0.83202	0.83506	0.83811	04/10/20/20 24/20	0.84348	0.84579
	0.01991	U.Oaast	October 1	U.C.L.C.	OTOLOGICA	U.C.O.D.O.G	0.00044	313 7127		
1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
0.99677	0.99682	0,99688	0.99694	0.99700	0.99697	0.99695	0.99692	0.99690	0.99687	0.99690
0.99324		0,99349	0.99361	0.99374	0.99368	0.99362	0.99355	0.99349	0.99343	0.99349
0.98940	0.98960	0.98979	0.98999	0.99019	0.99008	0.98997	0.98986	0.98976	0.98965	0.98974
0.98522	0.98549	0.98577	0.98605	0.98633	0.98617	0.98600	0.98584	0.98567	0.98551	0.98565
0.98068		0.98141	0.98177	0.98214	0.98191	0.98169	0.98146	0.98124	0.98102	0.98119
0.97576		0.97667	0.97713	0.97758	0.97729	0.97701	0.97672	0.97644	0.97615	0.97637
0.97044		0.97154	0.97209	0.97264	0.97229	0.97194	0.97159	0.97124	0.97089	0.97115
0.96470		0.96601	0.96666		0.96690	0.96648	0.96606	0.96564	0.96523	0.96554
0.95853		0.96005	0.96082	0.96158	0.96109	0.96060	0.96011	0.95962	0.95913	0.95950
0.95190		0.95365		0.95541	0.95484	0.95427	0.95371	0.95314	0.95257	0.95301
0.94477		0.94678	0.94779	0.94879	0.94814	0.94749	0.94684	0.94619	0.94554	0.94603
0.93712		0.93940	0.94054	0.94169	0.94094	0.94020	0.93946	0.93872	0.93798	0.93852
0.92889	1 1	0.93145	0.93274	0.93402	0.93319	0.93236	0.93153	0.93071	0.92988	0.93046
0.92001		0.92286	0.92430		0.92481	0.92390	0.92299	0.92208	0.92117	0.92179
0.91040		0.91355		0.91671	0.91572	0.91474	0.91375	0.91277	0.91179	0.91244
0.89995		0.90340		0.90687	0.90582	0.90478	0.90374	0.90270	0.90167	0.90235
0.88858		0.89233	0.89421		0.89502	0.89394	0.89287	0.89180	0.89073	0.89144
0.87620		0.88025	0.88228		0.88323	0.88214	0.88105	0.87997	0.87888	0.87964
0.86274	1	0.86709	0.86927		0.87037	0.86929	0.86821	0.86712	0.86604	0.86686
0.84812		0.85278	L. Control of the Con	0.85746	0.85639	7.1			0.85212	0.85302
0.0401	0.050	0.00270	0.00011	0.027 10	0.00003	VIOLEGI				
1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
0.99693	 		0.99702	0.99709	0.99716	0.99722		0.99736	0.99751	0.99766
0.99355	1	1	0.99372	0,99387	0.99402			0.99448	0.99479	
0.98984			0.99012	0.99036				0.99133	0.99181	
0.98578			0.98619	0.98654	0.98688			0.98791	0.98856	
0.98137			0.98191	0.98237				0.98421		0.98585
0.97659		0.97704		0.97784				0.98019		0.98216
0.97142		0.97195		0.97294				0.97584		0.97814
0.96586	1		0.96681	0.96767				0.97114		0.97373
0.9598	4	0.96061	1			1	1	0.96605		0.96893
0.95344		1	0.95476	1			1	0.96055		0.96370
0.94652			0.94800		1			0.95461		0.95801
0.9390		0.94015		1				0.94817		0.95181
0.93104			0.93279					0.94121		0.94507
0.9224			0.92428				1	0.93369		0.93775
0.91309	1		0.91504				(0.92556		0.92983
0.90303			0.90507)			0.91677		0.92127
0.8921	1	1	0.89430	1				0.90726		0.91205
0.88040		1	0.88268			1		0.89697		0.90214
0.8676		1	0.87012	1	1	1		0.89586	1	0.89150
0.85393			0.85667	1		0.87277		0.88367		0.88009

1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
0.99780	0.99794	0.99791	0.99799	0.99810	0.99817	0.99815	0.99825	0.99827	0.99825	0.99832
0.99538	0.99567	0.99559	0.99574	0.99599	0.99617	0.99610	0.99631	0.99633	0.99633	0.99646
0.99271	0.99319	0.99305	0.99324	0.99366	0.99398	0.99385	0.99417	0.99418	0.99424	0.99440
0.98978	0.99044	0.99028	0.99043	0.99109	0.99158	0.99138	0.99180	0.99179	0.99196	0.99213
0.98657	0.98743	0.98729	0.98733	0.98824	0.98891	0.98865	0.98917	0.98915	0.98948	0.98964
0.98308	0.98413	0.98409	0.98393	0.98508	0.98596	0.98566	0.98627	0.98626	0.98677	0.98693
0.97928	0.98050	0.98063	0.98022	0.98162	0.98271	0.98235	0.98307	0.98312	0.98379	0.98399
0.97513	0.97655	0.97691	0.97621	0.97780	0.97913	0.97872	0.97956	0.97972	0.98052	0.98080
0.97064	0.97224	0.97286	0.97188	0.97362	0.97522	0.97474	0.97572	0.97603	0.97690	0.97734
0.96577	0.96753	0.96845	0.96722	0.96908	0.97098	0.97037	0.97154	0.97204	0.97291	0.97357
0.96049	0.96240	0.96364	0.96217	0.96416	0.96639	0.96561	0.96697	0.96770	0.96854	0.96943
0.95480	0.95683	0.95838	0.95668	0.95886	0.96142	0.96044	0.96201	0.96300	0.96376	0.96487
0.94863	0.95077	0.95263	0.95067	0.95312	0.95605	0.95483	0.95662	0.95786	0.95854	0.95984
0.94194	0.94419	0.94634	0.94410	0.94691	0.95020	0.94876	0.95078	0.95226	0.95283	0.95427
0.93467	0.93706	0.93947	0.93692	0.94015	0.94379	0.94218	0.94443	0.94615	0.94662	0.94812
0.92676	0.92932	0.93197	0.92909	0.93278	0.93678	0.93507	0.93752	0.93949	0.93984	0.94137
0.91815	0.92092	0.92379	0.92059	0.92474	0.92908	0.92738	0.93000	0.93223	0.93246	0.93400
0.90880	0.91184	0.91487	0.91139	0.91598	0.92063	0.91908	0.92179	0.92435	0.92442	0.92600
0.89864	0.90201	0.90514	0.90145		0.91140			0.91578		0.91732
0.88763	0.89133	0.89456	0.89071	0.89617	0.90132	0.90045	0.90293	0.90645	0.90621	0.90792

1990	1991	1992	1993	1994	1995
0.99848	0.99849	0.99850	0.99851	0.99852	0.99853
0.99678	0.99681	0.99684	0.99687	0.99690	0.99693
0.99490	0.99495	0.99500	0.99505	0.99510	0.99515
0.99279	0.99288	0.99297	0.99306	0.99315	0.99324
0.99045	0.99060	0.99074	0.99089	0.99104	0.99119
0.98785	0.98808	0,98831	0.98853	0.98876	0.98899
0.98500	0.98533	0.98567	0.98600	0.98634	0.98668
0.98186	0.98234	0.98281	0.98328	0.98376	0.98423
0.97845	0.97909	0.97972	0.98036	0.98100	0.98164
0.97473	0.97554	0.97635	0.97717	0.97798	0.97880
0.97069	0.97168	0.97266	0.97365	0.97464	0.97562
0.96631	0.96744	0.96858	0.96972	0.97085	0.97200
0.96153	0.96280	0.96406	0.96533	0.96660	0.96787
0.95631	0.95769	0.95908	0.96047	0.96186	0.96325
0.95059	0.95208	0.95358	0.95507	0.95657	0.95807
0.94430	0.94591	0.94753	0.94915	0.95077	0.95239
0.93739	0.93914	0.94090	0.94266	0.94442	0.94618
0.92980	0.93171	0.93362	0.93554	0.93746	0.93938
0.92151	0.92359	0.92567	0.92776	0.92985	0.93194
0.91246	0.91471	0.91697	0.91923	0.92150	0.92377

Aged 60				1950						
		0.98662								
		0.97219								
		0.95662								
		0.93988								
64	0.92074	0.92188	0.92302	0.92417	0.92531	0.92646	0.92761	0.92876	0.92970	0.93064

	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
0	0.98852	0.98871	0.98889	0.98908	0.98926	0.98919	0.98912	0.98904	0.98897	0.98890	0.98894

1	0.97603	0.97640	0.97677	0.97714	0.97751	0.97739	0.97727	0.97715	0.97703 0.97690	0.97699
1	0.96244	0.96299	0.96355	0.96411	0.96466	0.96451	0.96436	0.96421	0.96406 0.96391	0.96406
1	0.94765	0.94840	0.94914	0.94989	0.95064	0.95048	0.95031	0.95015	0.94999 0.94983	0.95004
1	0.93159	0.93253	0.93348	0.93442	0.93537	0.93521	0.93504	0.93488	0.93472 0.93456	0.93489

1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
0.98898	0.98902	0.98906	0.98910	0.98938	0.98966	0.98994	0.99022	0.99050	0.99064	0.99079
										0.98087
0.96420	0.96435	0.96449	0.96463	0.96553	0.96642	0.96732	0.96822	0.96911	0.96967	0.97022
0.95026	0.95048	0.95069	0.95091	0.95428	0.95767	0.96107	0.96449	0.96791	0.96333	0.95878
0.93522	0.93555	0.93588	0.93621	0.93988	0.94358	0.94728	0.95100	0.95474	0.95061	0.94651

1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
0.99154	0.99174	0.99202	0.99165	0.99216	0.99257	0.99245	0.99269	0.99296	0.99284	0.99288
0.98233										
0.97232										
0.96145										
0.94967	0.95121	0.95220	0.95068	0.95322	0.95500	0.95570	0.95606	0.95804	0.95731	0.95760

1990	1991	1992	1993	1994	1995
0.99338	0.99352	0.99366	0.99380	0.99394	0.99408
0.98611	0.98641	0.98670	0.98700	0.98730	0.98760
0.97813	0.97860	0.97908	0.97955	0.98002	0.98050
0.96941	0.97007	0.97074	0.97140	0.97207	0.97273
0.95989	0.96075	0.96161	0.96247	0.96334	0.96420

Table B-7: Male Labour Force by Age Groups (thousands)

Year	15~19	20~24	25~34	35~44	45~54	55~59	60~64	65~
(August)								
1966	345.8	401.6	713.6	774.5	638.6	254.7	174.2	97.4
1967	338.3	418.4	743.4	777.4	647.5	260.3	175.6	101.6
1968	326.0	450.2	744.2	751.3	658.8	264.7	184.6	96.3
1969	327.8	467.3	802.8	756.4	679.7	270.4	183.5	100.7
1970	334.1	493.9	841.8	769.2	683.0	275.7	187.7	98.7
1971	332.6	514.6	876.6	778.0	696.2	276.7	190.9	100.8
1972	331.0	509.3	943.0	764.5	721.3	278.5	197.3	106.0
1973	352.1	514.4	964.3	753.2	727.2	270.9	202.2	103.6
1974	343.6	514.8	995.9	760.2	735.7	267.0	198.3	91.6
1975	363.3	517.8	1,013.4	774.4	745.0	272.8	190.9	85.2
1976	373.8	522.1	1,031.5	768.4	741.0	279.3	179.7	75.3
1977	393.9	530.6	1,072.2	785.7	737.4	286.6	174.9	74.4
1978	401.4	534.8	1,094.0	804.4	718.9	284.1	168.5	67.1
1979	405.3	552.9	1,113.8	827.8	708.3	294.4	149.7	66.5
1980	411.9	568.5	1,136.0	858.4	703.3	305.2	142.6	66.5
1981	401.5	589.0	1,164.4	886.0	701.7	300.0	150.8	65.0
1982	405.0	587.1	1,171.3	940.3	693.7	294.4	146.2	58.1
1983	377.8	595.0	1,193.6	981.3	698.3	294.7	137.2	55.3
1984	384.9	596.2		1,016.9	706.4	293.7	146.4	59.6
1985	382.7	597.9	1,203.7	1,057.8	716.0	294.1	147.3	60.7
1986	401.2					290.8	158.8	59.9
1987	404.3	588.0	1,254.3	1,127.6	746.1	282.4	158.8	62.8

1988	402.8	593.5	1,269.8	1,162.2	750.4	275.2	169.6	64.3
1989	426,9	596.7	1,309.5	1,180.4	793.5	277.6	180.7	67.2
1990	411.9	605.0	1,317.0	1,221.3	834.1	278.6	184.9	69.1
1991	369.2	613.8	1,326.7	1,240.1	872.3	266.4	180.8	77.1
1992	362.4	633.3	1,314.1	1,239.7	913.3	281.1	173.5	80.5
1993	346.2	628.1	1,318.1	1,252.2	947.3	272.0	165.6	74.0
1994	347.2	626.1	1,287.5	1,239.4	971.2	288.5	165.9	82.8
1995	360.8	637.7	1,298.6	1,256.3	1,012.5	304.1	158.8	94.3

Sources: I. Castles, The Labour Force, Australia, Historical Summary, 1966 to 1984.

Australian Bureau of Statistics, The Labour Force, Australia, Various Years.

Table B-8: Males Not in the Labour Force by Age Groups (thousands)

Table b-6. Wates Not til tile Labour Porce by Age Groups (tilousanus)									
Year	15~19	20~24	25~34	35~44	45~54	55~59	60~64	65~	
(August)									
1966	173.4	27.0	16.8		27.3	25.5	45.2	320.4	
1967	184.6	35.4	17.5	18.3	29.8	24.8	48.1	323.3	
1968	204.1	36.5	18.3	16.9	29.6	26.5	47.6	331.8	
1969	214.9	42.3	18.9	18.6	29.8	27.4	53.9	344.4	
1970	211.8	41.2	20.7	16.5	29.2	26.6	54.8	348.2	
1971	227.3	47.8	23.4	17.5	35.1	27.7	59.3	361.5	
1972	234.8	46.1	22.2	18.8	33.2	28.9	60.6	369.2	
1973	229.9	51.5	22.7	20.9	40.7	35.9	63.5	382.7	
1974	245.8	57.2	30.8	21.9	45.3	37.8	75.6	406.1	
1975	242.2	56.9	33.5	25.6	48.4	37.9	87.4	424.6	
1976	247.1	52.9	33.0	25.4	47.3	42.1	101.1	451.3	
1977	240.4	51.2	34.3	24.3	53.8	45.5	106.3	469.2	
1978	256.2	62.3	46.3	37.1	66.1	62.6	113.8	493.2	
1979	254.6	60.2	49.1	37.9	68.5	64.8	130.0	512.5	
1980	243.6	59.5	53.5	36.4	66.2	61.0	141.6	531.3	
1981	248.0	56.3	56.9	44.5	67.1	69.7	143.5	550.5	
1982	243.6	70.4	63.4	48.2	77.0	78.0	160.5	573.5	
1983	271.0	69.0	57.2	52.1	74.5	82.0	183.2	590.2	
1984	267.6	71.0	62.1	57.1	78.1	89.0	190.6	603.3	
1985	280.8	68.6	70.2	57.8	79.4	90.7	198.3	623.7	
1986	284.2	72.2	67.3	65.2	80.9	93.2	193.2	653.1	
1987	299.5	69.7	71.3	66.4	87.2	96.8	196.9	677.7	
1988	311.7	65.1	85.0	71.7	109.1	98.9	190.2	702.3	
1989	288.9	72.1	72.1	84.8	100.8	92.9	182.2	725.9	
1990	297.1	76.7	80.7	74.0	96.5	87.9	180.8	747.4	
1991	320.8	91.2	80.1	82.1	99.3	104.1	184.0	766.8	
1992	308.2	90.0	96.3	89.7	112.9	98.1	187.5	789.1	
1993	310.8	102.7	91.5	90.6	125,1	115.3	189.9	821.8	
1994	304.4	98.1	104.2	99.6	127.2	109.3	184.6	834.3	
1995	288.1	86.4	100.8	100.7	119.6	104.9	189.4	841.2	

Note: Figures in 1995 are based at June.

Sources: I. Castles, The Labour Force, Australia, Historical Summary, 1966 to 1984.

Australian Bureau of Statistics, The Labour Force, Australia, Various Years.

Table B-9: Unemployed Males by Age Groups (thousands)

Table D.	y Unen	iployed l	viales by	Age Gr	oups (un	ousanus	
Year	15~19	20~24	25~34	35~44	45~54	55~59	60~64
(August)							
1966	8.8	5.6	5.1	7.1	11.7	*	*
1967	10.5	7.3	6.1	7.2	11.9	*	*
1968	9.5	5.8	6.1	11.9	*	*	*
1969	7.6	6.1	4.9	5.4	8.7	*	*
1970	9.8	6.4	6.9	4.7	7.5	*	*
1971	10.6	9.0	6.3	7.2	9.0	*	*
1972	18.7	13.3	14.5	10.2	17.2	*	*
1973	16.3	10.8	7.9	7.0	9.4	*	*
1974	17.1	14.9	13.3	9.4	1.4	*	*
1975	39.4	27.0	24.1	17.6	16.7	6.2	7.0
1976	47.8	33.9	28.7	18.3	17.3	5.1	5.1
1977	62.2	38.4	34.3	22.7	18.2	6.6	6.7
1978	65.7	47.2	42.2	26.3	23.5	10.5	5.2
1979	59.2	46.4	40.8	20.1	17.1	8.8	4.0
1980	60.5	48.2	44.8	21.3	19.8	7.5	6.9
1981	44.8	49.1	47.5	21.2	19.5	10.7	6.4
1982	66.0	66.0	64.3	33.8	25.2	9.2	6.7
1983	86.7	102.7	108.5	5 9.0	41.4	19.7	9.9
1984	85.0	84.9	91.3	51.2	40.1	15.9	11.9
1985	73.7	74.2	86.2	46.6	34.7	20.7	11.5
1986	74.9	72.5	83.7	50.1	39.8	17.5	10.1
1987	72.9	73.9	87.2	53.6	31.7	16.3	10.9
1988	60.7	64.4	71.4	43.9	33.5	17.5	13.9
1989	55.0	47.6	66.8	41.3	23.4	12.7	13.0
1990	68.4	73.5	92.6	46.2	27.0	13.3	15.7
1991	80.5	100.2	131.1	91.3	52.6	23.4	22.3
1992	91.1	115.9	141.7	93.0	66.0	28.7	26.7
1993	83.1	114.6	144.8	98.7	68.6	32.9	27.3
1994	66.5	96.3	113.3	84.0	65.3	29.6	17.3
1995	76.4	80.4	104.5	76.3	56.1	28.5	13.1

Note: Figures in 1995 are based at June.

Sources: I. Castles, The Labour Force, Australia, Historical Summary, 1966 to 1984. Australian Bureau of Statistics, The Labour Force, Australia, Various Years.

Table B-10: Rate of Male Unemployment by Age Groups Based on Census

Year	15~19	20~24	25~29	30~34	35~39	40~44	45~49	50~54	55~59	60~64
1911	0.026	0.035	0.030	0.028	0.026	0.027	0.028	0.033	0.036	0.041
1921	0.045	0.034	0.034	0.028	0.028	0.023	0.023	0.018	0.018	0.032
1933	0.283	0.260	0.228	0.225	0.226	0.246	0.271	0.296	0.351	0.216
1947	0.020	0.032	0.025	0.022	0.021	0.023	0.026	0.030	0.035	0.041
1954	0.014	0.015	0.012	0.011	0.010	0.012	0.013	0.016	0.021	0.024
1961	0.044	0.053	0.043	0.035	0.033	0.032	0.033	0.037	0.041	0.041

Source: The Commonwealth Bureau of Census and Statistics, Census of the Commonwealth of Australia, 1911, 1921, 1933, 1947, 1954, and 1961.

Table B-11: Rate of Male Unemployment by Age Groups

				A N S				
Year	15~19	20~24	25~34	35~44	45~54	55~59	60~64	Total
(August)								
1966	0.026	0.014	0.007	0.009	0.018	0.046	0.067	0.012
1967	0.031	0.017	0.008	0.009	0.011	0.028	0.041	0.011

1968	0.029	0.013	0.008	0.016	0.018	0.045	0.064	0.010
1969	0.023	0.013	0.006	0.007	0.013	0.032	0.047	0.009
1970	0.029	0.013	0.008	0.006	0.011	0.011	0.011	0.010
1971	0.032	0.017	0.007	0.009	0.013	0.013	0.013	0.011
1972	0.056	0.026	0.015	0.013	0.024	0.024	0.024	0.020
1973	0.046	0.021	0.008	0.009	0.013	0.013	0.013	0.014
1974	0.050	0.029	0.013	0.012	0.002	0.002	0.002	0.015
1975	0.108	0.052	0.024	0.023	0.022	0.023	0.036	0.036
1976	0.128	0.065	0.028	0.024	0.023	0.018	0.028	0.040
1977	0.158	0.072	0.032	0.029	0.025	0.023	0.039	0.048
1978	0.164	0.088	0.039	0.033	0.033	0.037	0.031	0.055
1979	0.146	0.084	0.037	0.024	0.024	0.030	0.027	0.048
1980	0.147	0.085	0.039	0.025	0.028	0.025	0.048	0.051
1981	0.112	0.083	0.041	0.024	0.028	0.036	0.042	0.048
1982	0.163	0.112	0.055	0.036	0.036	0.031	0.046	0.064
1983	0.229	0.173	0.091	0.060	0.059	0.067	0.072	0.100
1984	0.221	0.142	0.076	0.050	0.057	0.054	0.081	0.088
1985	0.193	0.124	0.072	0.044	0.048	0.070	0.078	0.079
1986	0.187	0.123	0.068	0.046	0.054	0.060	0.064	0.078
1987	0.180	0.126	0.070	0.048	0.042	0.058	0.069	0.076
1988	0.151	0.109	0.056	0.038	0.045	0.064	0.082	0.066
1989	0.129	0.080	0.051	0.035	0.029	0.046	0.072	0.055
1990	0.166	0.121	0.070	0.038	0.032	0.048	0.085	0.069
1991	0.218	0.163	0.099	0.074	0.060	0.088	0.123	0.103
1992	0.251	0.183	0.108	0.075	0.072	0.102	0.154	0.115
1993	0.240	0.182	0.110	0.079	0.072	0.121	0.165	0.116
1994	0.192	0.154	0.088	0.068	0.067	0.103	0.104	0.096
1995	0.212	0.126	0.080	0.061	0.055	0.094	0.082	0.087

Sources: I. Castles, The Labour Force, Australia, Historical Summary, 1966 to 1984. Australian Bureau of Statistics, The Labour Force, Australia, Various Years.

Table B-12: Female Labour Force by Age Groups (thousands)

Year	15~19	20~24	25~34	35~44	45~54	55~59	60~64	65~
(August)								
1966	326.4	248.4	251.1	300.2	243.6	68.8	33.6	25.7
1967	315.1	285.4	261.6	307.9	254.2	81.1	37.1	26.3
1968	312.8	298.7	280.4	308.0	274.5	87.2	38.4	23.4
1969	301.3	323.1	311.2	323.3	275.4	85.5	38.2	24.5
1970	310.7	335.5	350.9	342.7	298.7	88.3	40.6	22.5
1971	306.6	341.3	360.0	365.4	312.6	93.6	45.8	27.0
1972	319.5	344.9	385.3	369.4	333.8	98.6	45.8	24.9
1973	317.2	349.8	430.7	389.2	344,9	98.8	46.2	24.0
1974	321.5	366.8	472.3	404.3	347.1	97.4	46.3	27.5
1975	342.3	378.4	496.9	418.4	352.4	98.4	45.8	27.2
1976	333.3	385.2	510.9	426.1	371.6	102.4	45.0	25.4
1977	359.3	404.7	550.4	445.2	364.6	105.9	45.2	25.9
1978	366.4	400.1	577.5	459.1	356.5	106.8	42.2	21.9
1979	352.2	422.9	582.5	476.9	347.9	95.6	40.0	19.2
1980	378.0	445.1	626.3	508.7	351.5	108.1	41.7	24.0
1981	362.8	454.5	643.1	523.9	360.9	110.4	38.6	21.7
1982	353.9	459.1	660.3	556.2	364.8	96.5	32.3	21.0
1983	358.7	469.4	659.5	581.9	359.8	105.5	41.6	18.4

1984	350.7	475.5	691.9	610.1	375.4	103.4	41.3	22.9
1985	358.9	485.5	737.3	665.1	380.8	101.2	40.6	18.7
1986	374.0	487.4	782.7	728.0	420.4	106.1	46.7	19.0
1987	364.1	490.3	822.5	768.6	438.5	111.2	48.5	26.5
1988	385.8	491.1	841.1	826.4	466.5	113.5	53.4	26.4
1989	393.2	508.4	896.4	871.2	505.6	115.6	50.2	23.8
1990	386.4	525.6	906.0	925.8	540.8	120.8	60.2	25.2
1991	347.6	528.5	919.8	944.5	579.0	128.8	53.4	27.3
1992	348.1	535.9	916.0	950.7	631.0	135.7	44.9	25.5
1993	314.5	538.1	922.3	943.6	668.8	137.5	52.0	28.8
1994	337.5	539.4	937.9	948.2	688.1	146.0	50.5	27.4
1995	371.0	541.5	973.9	992.6	745.7	160.0	58.5	32.2

Sources: I. Castles, The Labour Force, Australia, Historical Summary, 1966 to 1984.

Australian Bureau of Statistics, The Labour Force, Australia, Various Years.

Table B-13: Females Not in the Labour Force by Age Groups (thousands)

Year	15~19	20~24	25~34	35~44	45~54	55~59	60~64	65~
(August)								
1966	191.7	178.4	456.2	459.8	420.2	199.9	184.4	536.7
1967	200.6	177.9	467.1	448.6	423.6	197.5	186.6	544.7
1968	212.0	194.2	467.3	439.6	420.5	200.7	193.0	556.9
1969	232.0	191.4	476.7	428.5	420.0	211.4	205.0	566.1
1970	234.4	201.3	472.8	408.8	412.5	215.2	208.6	574.6
1971	253.9	218.2	499.2	381.8	409.3	218.5	213.0	589.3
1972	249.0	214.1	523.4	379.9	401.4	216.5	222.1	605.2
1973	259.5	214.4	515.9	366.5	401.6	215.8	230.5	622.6
1974	268.4	208.1	519.9	357.1	410.8	212.7	241.1	633.8
1975	255.1	201.1	529.8	350.7	408.7	216.9	247.6	649.7
1976	276.0	194.9	549.1	352.9	389.9	222.6	252.8	671.7
1977	264.5	184.4	541.7	351.2	390.3	229.3	252.1	690.8
1978	270.8	197.8	553.9	350.2	394.7	247.2	263.7	75 0.9
1979	288.0	188.6	574.9	358.5	395.9	269.5	264.3	777.4
1980	260.1	181.1	558.9	357.2	386.3	263.2	268.2	796.7
1981	272.6	188.7	571.9	378.3	375.7	260.5	284.3	822.6
1982	276.8	197.0	570.6	402.3	372.8	275.3	301.2	846.8
1983	270.2	193.4	588.8	421.2	381.3	267.7	303.3	873.2
1984	279.6	186.8	568.9	429.1	374.0	270.9	316.5	894.2
1985	281.5	173.8	542.3	417.3	377.6	272.3	323.7	924.9
1986	287.1	165.7	520.4	397.8	351.9	263.8	321.1	958.4
1987	315.0	157.8	507.1	399.3	354.8	254.4	320.1	983.0
1988	303.1	156.6	514.6	384.9	351.6	248.4	315.4	1,014.0
1989	295.5	148.1	482.6	376.3	346.7	244.2	318.1	1,047.2
1990	294.4	141.3	486.8	357.4	345.5	236.0	308.1	1,073.2
1991	313.6	160.6	482.1	369.5	344.7	231.9	311.4	
1992	293.6	173.1	494.4	376.5	345.7	233.4	315.1	1,132.8
1993	313.3	177.5	488.8	401.6	353.7	239.2	303.2	1,157.7
1994	283.1	169.9	471.3	404.1	370.1	241.9	302.0	1,171.7
1995	245.5	164.6	441.4	379.9	349.3	236.2	293.2	1,185.0

Note: Figures in 1995 are based at June.

Sources: I. Castles, The Labour Force, Australia, Historical Summary, 1966 to 1984.

Australian Bureau of Statistics, The Labour Force, Australia, Various Years.

Table B-14: Unemployed Females by Age Groups (thousands)

I anie D.	Ti Une	mpioyeu	remaies	by Age	Groups	(unousa	musj
Year	15~19	20~24	25~34	35~44	45~54	55~59	60~64
(August)							
1966	13.0	6.8	6.4	16.9	*	#	*
1967	11.3	8.8	8.7	8.3	8.6	*	*
1968	12.1	7.9	9.7	7.5	8.8	*	*
1969	10.7	9.8	11.0	19.2	*	*	*
1970	11.4	7.0	7.4	23.0	*	*	*
1971	12.9	9.0	10.3	9.0	8.3	*	*
1972	18.8	12.9	15.4	11.2	9.5	*	*
1973	15.6	9.0	10.4	12.8	7.4	*	*
1974	21.8	13.2	16.9	13.7	9.6	*	*
1975	51.4	26.1	27.7	19.2	18.3	*	*
1976	53.0	24.4	26.5	17.1	16.3	ж	*
1977	73.0	32.4	29.5	19.9	17.4	*	ak .
1978	63.1	38.3	36.7	19.3	14.4	3.6	0.4
1979	71.8	33.8	38.0	19.9	13.3	2.7	0.4
1980	70.9	40.4	35.9	21.8	12.0	3.1	0.8
1981	61.8	39.4	40.7	23.2	11.2	2.6	0.9
1982	60.2	40.3	45.3	26.7	13.1	3.6	0.2
1983	79.7	53.9	62.7	39.5	17.1	3.6	0.6
1984	69.1	48.9	48.9	34.3	17.3	3.8	0.5
1985	61.5	50.7	55.4	35.1	16.7	3.6	0.4
1986	72.9	48.0	59.5	43.6	19.0	4.4	0.7
1987	70.5	51.6	61.9	47.1	19.8	3.4	0.1
1988	61.5	53.4	55.1	39.7	18.1	3.0	1.9
1989	57.4	40.3	52.3	33.5	20.5	3.1	1.3
1990	63.6	50.6	64.6			111000	
1991	70.3	68.2	71.5	52.3	32.8		
1992	86.2	73.4	78.7	61.6	36.6	4.6	0.3
1993	69.5	73.6	84.4	71.7	43.3		
1994	72.4	65.4	72.3	63.6	1		
1995	70.3	51.9	63.6	61.2	32.1	7.5	0.7

Note: Figures in 1995 are based at June.

Sources: I. Castles, The Labour Force, Australia, Historical Summary, 1966 to 1984.

Australian Bureau of Statistics, The Labour Force, Australia, Various Years.

Table B-15: Rate of Female Unemployment by Age Groups Based on Census

Year	15~19	20~24	25~29	30~34	35~39	40~44	45~49	50~54	55~59	60~64
1911	0.010	0.010	0.006	0.004	0.003	0.003	0.003	0.003	0.003	0.002
1921	0.007	0.005	0.005	0.005	0.005	0.004	0.004	0.003	0.003	0.006
1933	0.155	0.127	0.123	0.134	0.129	0.138	0.143	0.144	0.092	0.083
1947	0.014	0.013	0.007	0.005	0.005	0.004	0.005	0.004	0.004	0.001
1954	0.013	0.009	0.004	0.003	0.003	0.003	0.004	0.004	0.003	0.001
1961	0.038	0.024	0.012	0.009	0.009	0.009	0.009	0.008	0.007	0.003

Source: The Commonwealth Bureau of Census and Statistics, Census of the Commonwealth of Australia, 1911, 1921, 1933, 1947, 1954, and 1961.

Table B-16: Rate of Female Unemployment by Age Groups

Year (August)	15~19	20~24	25~34	35~44	45~54	55~59	60~64	Total
1966	0.040	0.027	0.025	0.056	0.056	0.056	0.056	0.029
1967	0.036	0.031	0.033	0.027	0.034	0.034	0.034	0.030

1968	0.039	0.026	0.035	0.024	0.032	0.032	0.032	0.029
1969	0.035	0.030	0.035	0.059	0.059	0.059	0.059	0.031
1970	0.037	0.021	0.021	0.067	0.067	0.067	0.067	0.028
1971	0.042	0.026	0.029	0.025	0.026	0.026	0.026	0.027
1972	0.059	0.037	0.040	0.030	0.028	0.028	0.028	0.036
1973	0.049	0.026	0.024	0.033	0.022	0.022	0.022	0.028
1974	0.068	0.036	0.036	0.034	0.028	0.028	0.028	0.037
1975	0.150	0.069	0.056	0.046	0.052	0.052	0.052	0.067
1976	0.159	0.063	0.052	0.040	0.044	0.044	0.044	0.063
1977	0.203	0.080	0.054	0.045	0.048	0.048	0.048	0.076
1978	0.172	0.096	0.064	0.042	0.040	0.034	0.009	0.076
1979	0.204	0.080	0.065	0.042	0.038	0.028	0.010	0.078
1980	0.188	0.091	0.057	0.043	0.034	0.029	0.019	0.075
1981	0.170	0.087	0.063	0.044	0.031	0.024	0.023	0.072
1982	0.170	0.088	0.069	0.048	0.036	0.037	0.006	0.075
1983	0.222	0.115	0.095	0.068	0.048	0.034	0.014	0.100
1984	0.197	0.103	0.071	0.056	0.046	0.037	0.012	0.084
1985	0.171	0.104	0.075	0.053	0.044	0.036	0.010	0.081
1986	0.195	0.098	0.076	0.060	0.045	0.041	0.015	0.084
1987	0.194	0.105	0.075	0.061	0.045	0.031	0.002	0.084
1988	0.159	0.109	0.066	0.048	0.039	0.026	0.036	0.073
1989	0.146	0.079	0.058	0.038	0.041	0.027	0.026	0.062
1990	0.165	0.096	0.071	0.047	0.040	0.041	0.010	0.072
1991	0.202	0.129	0.078	0.055	0.057	0.057	0.019	0.087
1992	0.248	0.137	0.086	0.065	0.058	0.034	0.007	0.096
1993	0.221	0.137	0.092	0.076	0.065	0.065	0.029	0.099
1994	0.215	0.121	0.077	0.067	0.060	0.052	0.034	0.089
1995	0.189	0.096	0.065	0.062	0.043	0.047	0.012	0.075
3.7	Tilemen in 1	1005 1	1 4 7					

Sources: I. Castles, The Labour Force, Australia, Historical Summary, 1966 to 1984.

Australian Bureau of Statistics, The Labour Force, Australia, Various Years.

Table B-17: Estimated Rate of Male Unemployment by Age

Year	15	16	17	18	19	20	21	22	23	24	25	26
1947	0.017	0.018	0.020	0.022	0.024	0.027	0.029	0.032	0.031	0.029	0.028	0.026
1948	0.016	0.017	0.019	0.021	0.022	0.024	0.027	0.029	0.027	0.026	0.025	0.024
1949	0.016	0.017	0.018	0.019	0.021	0.022	0.024	0.026	0.024	0.023	0.022	0.021
1950	0.015	0.016	0.017	0.018	0.019	0.020	0.022	0.023	0.022	0.021	0.020	0.019
1951	0.015	0.015	0.016	0.017	0.018	0.019	0.020	0.020	0.020	0.019	0.018	0.017
1952	0.014	0.015	0.015	0.016	0.016	0.017	0.018	0.018	0.018	0.017	0.016	0.015
1953	0.014	0.014	0.015	0.015	0.015	0.016	0.016	0.016	0.016	0.015	0.014	0.014
1954	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.015	0.014	0.013	0.013	0.012
1955	0.016	0.016	0.016	0.017	0.017	0.017	0.017	0.017	0.017	0.016	0.016	0.015
1956	0.019	0.019	0.019	0.020	0.020	0.020	0.021	0.021	0.020	0.019	0.019	0.018
1957	0.022	0.022	0.023	0.023	0.024	0.024	0.025	0.025	0.024	0.023	0.022	0.021
1958	0.026	0.026	0.027	0.027	0.028	0.029	0.030	0.030	0.029	0.028	0.027	0.026
19 5 9	0.030	0.031	0.032	0.033	0.033	0.034	0.035	0.036	0.035	0.034	0.032	0.031
1960	0.035	0.036	0.037	0.039	0.040	0.041	0.042	0.044	0.042	0.040	0.039	0.037
1961	0.041	0.042	0.044	0.046	0.047	0.049	0.051	0.053	0.050	0.048	0.046	0.044
1962	0.039	0.039	0.038	0.038	0.038	0.038	0.038	0.038	0.035	0.033	0.031	0.029
1963	0.037	0.035	0.034	0.032	0.031	0.029	0.028	0.027	0.025	0.023	0.021	0.019
1964	0.034	0.032	0.029	0.027	0.025	0.023	0.021	0.019	0.017	0.016	0.014	0.012
1965	0.033	0.029	0.026	0.023	0.020	0.018	0.016	0.014	0.012	0.011	0.009	0.008

					- 1							196
1966	0.033	0.029	0.026	0.023	0.020	0.018	0.016	0.014	0.012	0.011	0.009	0.008
1967	0.039	0.035	0.031	0.028	0.025	0.022	0.019	0.017	0.015	0.013	0.011	0.010
1968	0.041	0.034	0.029	0.025	0.021	0.018	0.015	0.013	0.012	0.011	0.010	0.009
1969	0.029	0.026	0.023	0.021	0.018	0.016	0.015	0.013	0.011	0.010	0.008	0.007
1970	0.041	0.035	0.029	0.025	0.021	0.018	0.015	0.013	0.012	0.011	0.010	0.009
1971	0.041	0.036	0.032	0.028	0.025	0.022	0.020	0.017	0.015	0.012	0.010	0.009
1972	0.077	0.066	0.056	0.048	0.041	0.036	0.031	0.026	0.024	0.021	0.019	0.017
1973	0.064	0.054	0.046	0.039	0.034	0.029	0.025	0.021	0.017	0.014	0.012	0.010
1974	0.062	0.055	0.050	0.045	0.040	0.036	0.032	0.029	0.025	0.021	0.018	0.016
1975	0.145	0.125	0.108	0.094	0.081	0.070	0.060	0.052	0.045	0.038	0.033	0.028
1976	0.168	0.146	0.128	0.112	0.098	0.085	0.074	0.065	0.055	0.046	0.039	0.033
1977	0.216	0.184	0.158	0.135	0.116	0.099	0.085	0.072	0.061	0.052	0.044	0.038
1978	0.210	0.185	0.164	0.145	0.128	0.113	0.100	0.088	0.075	0.063	0.054	0.046
1979	0.182	0.163	0.146	0.131	0.117	0.105	0.094	0.084	0.071	0.060	0.051	0.043
1980	0.183	0.164	0.147	0.132	0.118	0.106	0.095	0.085	0.073	0.062	0.054	0.046
1981	0.125	0.118	0.112	0.105	0.099	0.094	0.088	0.083	0.072	0.063	0.054	0.047
1982	0.189	0.176	0.163	0.151	0.140	0.130	0.121	0.112	0.097	0.084	0.073	0.063
1983	0.257	0.243	0.229	0.217	0.205	0.193	0.183	0.173	0.152	0.134	0.117	0.103
1984	0.263	0.241	0.221	0.202	0.185	0.170	0.155	0.142	0.126	0.111	0.098	0.087
1985	0.230	0.210	0.193	0.176	0.162	0.148	0.136	0.124	0.111	0.100	0.089	0.080
1986	0.221	0.203	0.187	0.172	0.158	0.145	0.134	0.123	0.109	0.097	0.086	0.077
1987	0.208	0.194	0.180	0.168	0.156	0.145	0.135	0.126	0.112	0.099	0.088	0.078
1988	0.172	0.161	0.151	0.141	0.132	0.124	0.116	0.109	0.095	0.083	0.073	0.064
1989	0.156	0.142	0.129	0.117	0.106	0.097	0.088	0.080	0.073	0.067	0.061	0.056
1990	0.188	0.177	0.166	0.156	0.147	0.138	0.129	0.121	0.109	0.098	0.088	0.078
1991	0.245	0.231	0.218	0.206	0.194	0.183	0.173	0.163	0.148	0.134	0.121	0.109
	Contractor to				0.004			1.1		1		-
1992	0.285	0.268	0.251	0.236	0.221	0.208	0.195	0.183	0.163	0.148	0.133	0.120
1992 1993	0.285	-	0.251	0.236	0.221	0.208	100	0.183	0.165	0.148	0.133 0.135	0.120 0.122
	The second secon	0.254	0.251 0.240 0.192	0.227	0.215	0.204	0.193	0.182	0.165	0.149	0.135	0.122
1993	0.268 0.209	-	0.240 0.192	0.227 0.183	0.215 0.175	0.204 0.168	0.193 0.161	0.182 0.154	0.165 0.138	0.149 0.123	0.135 0.110	0.122 0.098
1993 1994	0.268	0.254 0.200	0.240	0.227	0.215	0.204	0.193	0.182	0.165	0.149	0.135	0.122
1993 1994 1995	0.268 0.209 0.261	0.254 0.200 0.235	0.240 0.192 0.212	0.227 0.183 0.191	0.215 0.175 0.172	0.204 0.168 0.155	0.193 0.161 0.140	0.182 0.154 0.126	0.165 0.138 0.115	0.149 0.123 0.105	0.135 0.110 0.096	0.122 0.098 0.088
1993 1994 1995	0.268 0.209 0.261	0.254 0.200 0.235	0.240 0.192 0.212	0.227 0.183 0.191	0.215 0.175 0.172	0.204 0.168 0.155	0.193 0.161 0.140	0.182 0.154 0.126	0.165 0.138 0.115	0.149 0.123 0.105	0.135 0.110 0.096	0.122 0.098 0.088
1993 1994 1995 27 0.025	0.268 0.209 0.261 28 0.024	0.254 0.200 0.235 29 0.024	0.240 0.192 0.212 30 0.023	0.227 0.183 0.191 31 0.023	0.215 0.175 0.172 32 0.022	0.204 0.168 0.155 33 0.022	0.193 0.161 0.140 34 0.022	0.182 0.154 0.126 35 0.021	0.165 0.138 0.115 36 0.021	0.149 0.123 0.105 37 0.021	0.135 0.110 0.096 38 0.021	0.122 0.098 0.088 39 0.022
1993 1994 1995 27 0.025 0.022	0.268 0.209 0.261 28 0.024 0.022	0.254 0.200 0.235 29 0.024 0.021	0.240 0.192 0.212 30 0.023 0.021	0.227 0.183 0.191 31 0.023 0.020	0.215 0.175 0.172 32 0.022 0.020	0.204 0.168 0.155 33 0.022 0.020	0.193 0.161 0.140 34 0.022 0.020	0.182 0.154 0.126 35 0.021 0.019	0.165 0.138 0.115 36 0.021 0.019	0.149 0.123 0.105 37 0.021 0.019	0.135 0.110 0.096 38 0.021 0.019	0.122 0.098 0.088 39 0.022 0.020
1993 1994 1995 27 0.025 0.022 0.020	0.268 0.209 0.261 28 0.024 0.022 0.020	0.254 0.200 0.235 29 0.024 0.021 0.019	0.240 0.192 0.212 30 0.023 0.021 0.019	0.227 0.183 0.191 31 0.023 0.020 0.018	0.215 0.175 0.172 32 0.022 0.020 0.018	0.204 0.168 0.155 33 0.022 0.020 0.018	0.193 0.161 0.140 34 0.022 0.020 0.018	0.182 0.154 0.126 35 0.021 0.019 0.017	0.165 0.138 0.115 36 0.021 0.019 0.017	0.149 0.123 0.105 37 0.021 0.019 0.017	0.135 0.110 0.096 38 0.021 0.019 0.018	0.122 0.098 0.088 39 0.022 0.020 0.018
1993 1994 1995 27 0.025 0.022 0.020 0.018	0.268 0.209 0.261 28 0.024 0.022 0.020 0.018	0.254 0.200 0.235 29 0.024 0.021 0.019 0.017	0.240 0.192 0.212 30 0.023 0.021 0.019 0.017	0.227 0.183 0.191 31 0.023 0.020 0.018 0.017	0.215 0.175 0.172 32 0.022 0.020 0.018 0.016	0.204 0.168 0.155 33 0.022 0.020 0.018 0.016	0.193 0.161 0.140 34 0.022 0.020 0.018 0.016	0.182 0.154 0.126 35 0.021 0.019 0.017 0.016	0.165 0.138 0.115 36 0.021 0.019 0.017 0.016	0.149 0.123 0.105 37 0.021 0.019 0.017 0.016	0.135 0.110 0.096 38 0.021 0.019 0.018 0.016	0.122 0.098 0.088 39 0.022 0.020 0.018 0.016
1993 1994 1995 27 0.025 0.022 0.020 0.018 0.016	0.268 0.209 0.261 28 0.024 0.022 0.020 0.018 0.016	0.254 0.200 0.235 29 0.024 0.021 0.019 0.017 0.016	0.240 0.192 0.212 30 0.023 0.021 0.019 0.017 0.015	0.227 0.183 0.191 31 0.023 0.020 0.018 0.017 0.015	0.215 0.175 0.172 32 0.022 0.020 0.018 0.016 0.015	0.204 0.168 0.155 33 0.022 0.020 0.018 0.016 0.014	0.193 0.161 0.140 34 0.022 0.020 0.018 0.016 0.014	0.182 0.154 0.126 35 0.021 0.019 0.017 0.016 0.014	0.165 0.138 0.115 36 0.021 0.019 0.017 0.016 0.014	0.149 0.123 0.105 37 0.021 0.019 0.017 0.016 0.014	0.135 0.110 0.096 38 0.021 0.019 0.018 0.016 0.014	0.122 0.098 0.088 39 0.022 0.020 0.018 0.016 0.015
1993 1994 1995 27 0.025 0.022 0.020 0.018 0.016 0.015	0.268 0.209 0.261 28 0.024 0.022 0.020 0.018 0.016 0.014	0.254 0.200 0.235 29 0.024 0.021 0.019 0.017 0.016 0.014	0.240 0.192 0.212 30 0.023 0.021 0.019 0.017 0.015 0.014	0.227 0.183 0.191 31 0.023 0.020 0.018 0.017 0.015 0.013	0.215 0.175 0.172 32 0.022 0.020 0.018 0.016 0.015 0.013	0.204 0.168 0.155 33 0.022 0.020 0.018 0.016 0.014 0.013	0.193 0.161 0.140 34 0.022 0.020 0.018 0.016 0.014 0.013	0.182 0.154 0.126 35 0.021 0.019 0.017 0.016 0.014 0.013	0.165 0.138 0.115 36 0.021 0.019 0.017 0.016 0.014 0.013	0.149 0.123 0.105 37 0.021 0.019 0.017 0.016 0.014 0.013	0.135 0.110 0.096 38 0.021 0.019 0.018 0.016 0.014 0.013	0.122 0.098 0.088 39 0.022 0.020 0.018 0.016 0.015 0.013
1993 1994 1995 27 0.025 0.022 0.020 0.018 0.016 0.015 0.013	0.268 0.209 0.261 28 0.024 0.022 0.020 0.018 0.016 0.014 0.013	0.254 0.200 0.235 29 0.024 0.021 0.019 0.017 0.016 0.014 0.013	0.240 0.192 0.212 30 0.023 0.021 0.019 0.017 0.015 0.014 0.012	0.227 0.183 0.191 31 0.023 0.020 0.018 0.017 0.015 0.013 0.012	0.215 0.175 0.172 32 0.022 0.020 0.018 0.016 0.015 0.013 0.012	0.204 0.168 0.155 33 0.022 0.020 0.018 0.016 0.014 0.013 0.012	0.193 0.161 0.140 34 0.022 0.020 0.018 0.016 0.014 0.013 0.012	0.182 0.154 0.126 35 0.021 0.019 0.017 0.016 0.014 0.013 0.012	0.165 0.138 0.115 36 0.021 0.019 0.017 0.016 0.014 0.013 0.012	0.149 0.123 0.105 37 0.021 0.019 0.017 0.016 0.014 0.013 0.011	0.135 0.110 0.096 38 0.021 0.019 0.018 0.016 0.014 0.013 0.012	0.122 0.098 0.088 0.088 0.022 0.020 0.018 0.016 0.015 0.013 0.012
1993 1994 1995 27 0.025 0.022 0.020 0.018 0.016 0.015 0.013 0.012	0.268 0.209 0.261 28 0.024 0.022 0.020 0.018 0.016 0.014 0.013 0.012	0.254 0.200 0.235 29 0.024 0.021 0.019 0.017 0.016 0.014 0.013 0.011	0.240 0.192 0.212 30 0.023 0.021 0.019 0.017 0.015 0.014 0.012 0.011	0.227 0.183 0.191 31 0.023 0.020 0.018 0.017 0.015 0.013 0.012 0.011	0.215 0.175 0.172 32 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.011	0.204 0.168 0.155 33 0.022 0.020 0.018 0.016 0.014 0.013 0.012 0.011	0.193 0.161 0.140 34 0.022 0.020 0.018 0.016 0.014 0.013 0.012 0.011	0.182 0.154 0.126 35 0.021 0.019 0.017 0.016 0.014 0.013 0.012 0.041	0.165 0.138 0.115 36 0.021 0.019 0.017 0.016 0.014 0.013 0.012 0.010	0.149 0.123 0.105 37 0.021 0.019 0.017 0.016 0.014 0.013 0.011 0.010	0.135 0.110 0.096 38 0.021 0.019 0.018 0.016 0.014 0.013 0.012 0.011	0.122 0.098 0.088 0.088 39 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.011
1993 1994 1995 27 0.025 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.014	0.268 0.209 0.261 28 0.024 0.022 0.020 0.018 0.016 0.014 0.013 0.012 0.014	0.254 0.200 0.235 29 0.024 0.021 0.019 0.017 0.016 0.014 0.013 0.011 0.014	0.240 0.192 0.212 30 0.023 0.021 0.019 0.017 0.015 0.014 0.012 0.011 0.013	0.227 0.183 0.191 31 0.023 0.020 0.018 0.017 0.015 0.013 0.012 0.011 0.013	0.215 0.175 0.172 32 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.011 0.013	0.204 0.168 0.155 33 0.022 0.020 0.018 0.016 0.014 0.013 0.012 0.011 0.013	0.193 0.161 0.140 34 0.022 0.020 0.018 0.016 0.014 0.013 0.012 0.011 0.013	0.182 0.154 0.126 35 0.021 0.019 0.017 0.016 0.014 0.013 0.012 0.041 0.012	0.165 0.138 0.115 36 0.021 0.019 0.017 0.016 0.014 0.013 0.012 0.010 0.012	0.149 0.123 0.105 37 0.021 0.019 0.017 0.016 0.014 0.013 0.011 0.010 0.012	0.135 0.110 0.096 38 0.021 0.019 0.018 0.016 0.014 0.013 0.012 0.011	0.122 0.098 0.088 0.088 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.011 0.013
1993 1994 1995 27 0.025 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.014 0.017	0.268 0.209 0.261 28 0.024 0.022 0.020 0.018 0.016 0.014 0.013 0.012 0.014 0.017	0.254 0.200 0.235 29 0.024 0.021 0.019 0.017 0.016 0.014 0.013 0.011 0.014	0.240 0.192 0.212 30 0.023 0.021 0.019 0.017 0.015 0.014 0.012 0.011 0.013 0.016	0.227 0.183 0.191 31 0.023 0.020 0.018 0.017 0.015 0.013 0.012 0.011 0.013	0.215 0.175 0.172 32 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.011 0.013	0.204 0.168 0.155 33 0.022 0.020 0.018 0.016 0.014 0.013 0.012 0.011 0.013 0.015	0.193 0.161 0.140 34 0.022 0.020 0.018 0.016 0.014 0.013 0.012 0.011 0.013 0.015	0.182 0.154 0.126 35 0.021 0.019 0.017 0.016 0.014 0.013 0.012 0.011 0.012 0.015	0.165 0.138 0.115 36 0.021 0.019 0.017 0.016 0.014 0.013 0.012 0.010 0.012 0.015	0.149 0.123 0.105 37 0.021 0.019 0.017 0.016 0.014 0.013 0.011 0.010 0.012 0.014	0.135 0.110 0.096 38 0.021 0.019 0.018 0.016 0.014 0.013 0.012 0.011 0.012 0.015	0.122 0.098 0.088 0.088 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.011 0.013
1993 1994 1995 27 0.025 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.014 0.017 0.021	0.268 0.209 0.261 28 0.024 0.022 0.020 0.018 0.016 0.014 0.013 0.012 0.014 0.017 0.020	0.254 0.200 0.235 29 0.024 0.021 0.017 0.016 0.014 0.013 0.011 0.016 0.019	0.240 0.192 0.212 30 0.023 0.021 0.019 0.017 0.015 0.014 0.012 0.011 0.013 0.016 0.019	0.227 0.183 0.191 31 0.023 0.020 0.018 0.017 0.015 0.013 0.012 0.011 0.013 0.015 0.018	0.215 0.175 0.172 32 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.011 0.013 0.015 0.018	0.204 0.168 0.155 33 0.022 0.020 0.018 0.016 0.014 0.013 0.012 0.011 0.013 0.015 0.018	0.193 0.161 0.140 34 0.022 0.020 0.018 0.016 0.014 0.013 0.012 0.011 0.013 0.015 0.017	0.182 0.154 0.126 35 0.021 0.019 0.017 0.016 0.014 0.013 0.012 0.011 0.015 0.017	0.165 0.138 0.115 36 0.021 0.019 0.017 0.016 0.014 0.013 0.012 0.010 0.012 0.015 0.017	0.149 0.123 0.105 37 0.021 0.019 0.017 0.016 0.014 0.013 0.011 0.010 0.012 0.014 0.017	0.135 0.110 0.096 38 0.021 0.019 0.018 0.016 0.014 0.013 0.012 0.011 0.012 0.015 0.017	0.122 0.098 0.088 0.088 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.011 0.013 0.015 0.017
1993 1994 1995 27 0.025 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.014 0.017 0.021 0.025	0.268 0.209 0.261 28 0.024 0.022 0.020 0.018 0.016 0.014 0.013 0.012 0.014 0.017 0.020 0.024	0.254 0.200 0.235 29 0.024 0.021 0.019 0.017 0.016 0.014 0.013 0.011 0.016 0.019 0.023	0.240 0.192 0.212 30 0.023 0.021 0.019 0.015 0.014 0.012 0.011 0.013 0.016 0.019 0.022	0.227 0.183 0.191 31 0.023 0.020 0.018 0.017 0.015 0.013 0.012 0.011 0.013 0.015 0.018	0.215 0.175 0.177 0.172 32 0.022 0.020 0.018 0.015 0.013 0.012 0.011 0.013 0.015 0.018 0.021	0.204 0.168 0.155 33 0.022 0.020 0.018 0.014 0.013 0.012 0.011 0.013 0.015 0.018	0.193 0.161 0.140 34 0.022 0.020 0.018 0.016 0.014 0.013 0.012 0.011 0.013 0.015 0.017 0.021	0.182 0.154 0.126 35 0.021 0.019 0.017 0.016 0.014 0.013 0.012 0.011 0.015 0.017 0.021	0.165 0.138 0.115 36 0.021 0.019 0.017 0.016 0.014 0.013 0.012 0.010 0.015 0.017 0.020	0.149 0.123 0.105 37 0.021 0.019 0.017 0.016 0.014 0.013 0.011 0.010 0.012 0.014 0.017	0.135 0.110 0.096 38 0.021 0.019 0.018 0.016 0.014 0.013 0.012 0.011 0.012 0.015 0.017	0.122 0.098 0.088 0.088 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.011 0.013 0.015 0.017 0.020
1993 1994 1995 27 0.025 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.014 0.021 0.025 0.030	0.268 0.209 0.261 28 0.024 0.022 0.020 0.018 0.016 0.014 0.013 0.012 0.014 0.017 0.020 0.024 0.029	0.254 0.200 0.235 29 0.024 0.021 0.019 0.017 0.016 0.013 0.011 0.014 0.016 0.019 0.023 0.028	0.240 0.192 0.212 30 0.023 0.021 0.019 0.017 0.014 0.012 0.011 0.013 0.016 0.019 0.022 0.027	0.227 0.183 0.191 31 0.023 0.020 0.018 0.017 0.015 0.013 0.012 0.011 0.013 0.015 0.022 0.026	0.215 0.175 0.172 32 0.022 0.020 0.018 0.015 0.013 0.012 0.011 0.013 0.015 0.018 0.021 0.021	0.204 0.168 0.155 33 0.022 0.020 0.018 0.016 0.014 0.013 0.012 0.011 0.013 0.015 0.018 0.021 0.021	0.193 0.161 0.140 34 0.022 0.020 0.018 0.016 0.014 0.013 0.012 0.011 0.013 0.015 0.017 0.021	0.182 0.154 0.126 35 0.021 0.019 0.017 0.016 0.014 0.013 0.012 0.011 0.015 0.017 0.021 0.024	0.165 0.138 0.115 36 0.021 0.019 0.017 0.016 0.014 0.013 0.012 0.010 0.012 0.015 0.017 0.020 0.024	0.149 0.123 0.105 37 0.021 0.019 0.017 0.016 0.014 0.013 0.011 0.010 0.012 0.014 0.017 0.020 0.024	0.135 0.110 0.096 38 0.021 0.019 0.018 0.016 0.014 0.013 0.012 0.011 0.012 0.015 0.020 0.024	0.122 0.098 0.088 0.088 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.011 0.013 0.015 0.017 0.020 0.024
1993 1994 1995 27 0.025 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.014 0.025 0.030 0.036	0.268 0.209 0.261 28 0.024 0.022 0.020 0.018 0.016 0.014 0.013 0.012 0.014 0.017 0.020 0.024 0.029 0.034	0.254 0.200 0.235 29 0.024 0.021 0.019 0.017 0.016 0.014 0.014 0.016 0.019 0.023 0.028 0.033	0.240 0.192 0.212 30 0.023 0.021 0.019 0.017 0.015 0.014 0.012 0.011 0.013 0.016 0.019 0.022 0.027 0.032	0.227 0.183 0.191 31 0.023 0.020 0.018 0.017 0.015 0.013 0.012 0.011 0.013 0.022 0.026 0.031	0.215 0.175 0.172 32 0.022 0.020 0.018 0.015 0.013 0.012 0.011 0.013 0.015 0.021 0.025 0.029	0.204 0.168 0.155 33 0.022 0.020 0.018 0.016 0.014 0.013 0.012 0.011 0.013 0.015 0.021 0.025 0.029	0.193 0.161 0.140 34 0.022 0.020 0.018 0.016 0.014 0.013 0.012 0.011 0.013 0.015 0.017 0.021 0.024 0.029	0.182 0.154 0.126 35 0.021 0.017 0.016 0.014 0.013 0.012 0.015 0.017 0.021 0.024 0.029	0.165 0.138 0.115 36 0.021 0.019 0.017 0.016 0.014 0.013 0.012 0.010 0.015 0.017 0.020 0.024 0.028	0.149 0.123 0.105 37 0.021 0.019 0.017 0.016 0.014 0.013 0.011 0.010 0.012 0.014 0.017 0.020 0.024 0.028	0.135 0.110 0.096 38 0.021 0.019 0.018 0.016 0.014 0.013 0.012 0.011 0.012 0.015 0.020 0.024 0.028	0.122 0.098 0.088 0.088 0.022 0.020 0.018 0.015 0.013 0.012 0.011 0.013 0.015 0.017 0.020 0.024 0.028
1993 1994 1995 27 0.025 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.021 0.025 0.030 0.036 0.043	0.268 0.209 0.261 28 0.024 0.022 0.020 0.018 0.016 0.014 0.013 0.012 0.014 0.017 0.020 0.024 0.029 0.034 0.041	0.254 0.200 0.235 29 0.024 0.021 0.019 0.017 0.016 0.014 0.016 0.019 0.023 0.028 0.033 0.039	0.240 0.192 0.212 30 0.023 0.021 0.019 0.015 0.014 0.012 0.011 0.013 0.016 0.019 0.022 0.027 0.032 0.038	0.227 0.183 0.191 31 0.023 0.020 0.018 0.017 0.015 0.013 0.015 0.018 0.022 0.026 0.031 0.036	0.215 0.175 0.177 32 0.022 0.020 0.018 0.015 0.013 0.012 0.011 0.013 0.015 0.021 0.025 0.029 0.035	0.204 0.168 0.155 33 0.022 0.020 0.018 0.016 0.014 0.013 0.015 0.015 0.018 0.021 0.025 0.029 0.035	0.193 0.161 0.140 34 0.022 0.020 0.018 0.016 0.014 0.013 0.015 0.017 0.021 0.024 0.029 0.034	0.182 0.154 0.126 35 0.021 0.019 0.017 0.016 0.014 0.013 0.012 0.015 0.017 0.021 0.024 0.029 0.034	0.165 0.138 0.115 36 0.021 0.019 0.017 0.016 0.014 0.013 0.012 0.010 0.015 0.017 0.020 0.024 0.028 0.034	0.149 0.123 0.105 37 0.021 0.019 0.017 0.016 0.014 0.013 0.011 0.010 0.012 0.014 0.017 0.020 0.024 0.028 0.033	0.135 0.110 0.096 38 0.021 0.019 0.018 0.016 0.014 0.013 0.012 0.015 0.017 0.020 0.024 0.028 0.033	0.122 0.098 0.088 0.088 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.011 0.013 0.015 0.017 0.020 0.024 0.028
1993 1994 1995 27 0.025 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.021 0.025 0.030 0.036 0.043 0.027	0.268 0.209 0.261 28 0.024 0.022 0.020 0.018 0.016 0.014 0.013 0.012 0.014 0.017 0.020 0.024 0.029 0.034 0.041 0.026	0.254 0.200 0.235 29 0.024 0.021 0.019 0.016 0.014 0.016 0.019 0.023 0.028 0.039 0.026	0.240 0.192 0.212 30 0.023 0.021 0.019 0.015 0.014 0.012 0.011 0.013 0.016 0.019 0.022 0.027 0.032 0.038 0.025	0.227 0.183 0.191 31 0.023 0.020 0.018 0.017 0.015 0.013 0.015 0.018 0.022 0.026 0.031 0.036 0.024	0.215 0.175 0.175 0.172 32 0.022 0.020 0.018 0.015 0.013 0.015 0.011 0.015 0.021 0.025 0.029 0.035 0.023	0.204 0.168 0.155 33 0.022 0.020 0.018 0.016 0.014 0.013 0.015 0.018 0.021 0.025 0.029 0.035 0.024	0.193 0.161 0.140 34 0.022 0.020 0.018 0.016 0.014 0.013 0.015 0.017 0.021 0.024 0.029 0.034 0.024	0.182 0.154 0.126 35 0.021 0.019 0.017 0.016 0.014 0.013 0.012 0.015 0.017 0.021 0.024 0.029 0.034 0.024	0.165 0.138 0.115 36 0.021 0.019 0.017 0.016 0.014 0.013 0.012 0.010 0.015 0.017 0.020 0.024 0.028 0.034 0.024	0.149 0.123 0.105 37 0.021 0.019 0.017 0.016 0.014 0.013 0.011 0.010 0.012 0.014 0.017 0.020 0.024 0.028 0.033 0.024	0.135 0.110 0.096 38 0.021 0.019 0.018 0.016 0.014 0.013 0.012 0.015 0.017 0.020 0.024 0.028 0.033 0.024	0.122 0.098 0.088 0.088 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.011 0.013 0.015 0.017 0.020 0.024 0.028 0.033 0.024
1993 1994 1995 27 0.025 0.022 0.020 0.018 0.016 0.015 0.013 0.017 0.021 0.025 0.036 0.036 0.043 0.027 0.017	0.268 0.209 0.261 28 0.024 0.022 0.020 0.018 0.016 0.014 0.013 0.012 0.014 0.017 0.020 0.024 0.029 0.034 0.041 0.026 0.017	0.254 0.200 0.235 29 0.024 0.021 0.019 0.017 0.016 0.014 0.013 0.011 0.016 0.019 0.023 0.028 0.033 0.039 0.026 0.017	0.240 0.192 0.212 30 0.023 0.021 0.019 0.015 0.014 0.012 0.011 0.013 0.016 0.019 0.022 0.027 0.032 0.038 0.025 0.016	0.227 0.183 0.191 31 0.023 0.020 0.018 0.017 0.015 0.013 0.012 0.011 0.018 0.022 0.026 0.031 0.036 0.024 0.016	0.215 0.175 0.175 0.172 32 0.022 0.020 0.018 0.015 0.013 0.015 0.011 0.013 0.021 0.025 0.025 0.023 0.016	0.204 0.168 0.155 33 0.022 0.020 0.018 0.016 0.014 0.013 0.015 0.018 0.021 0.025 0.029 0.035 0.024 0.016	0.193 0.161 0.140 34 0.022 0.020 0.018 0.016 0.014 0.013 0.015 0.017 0.021 0.024 0.024 0.024 0.024 0.016	0.182 0.154 0.126 35 0.021 0.019 0.017 0.016 0.014 0.013 0.012 0.015 0.017 0.021 0.024 0.024 0.024 0.024 0.024	0.165 0.138 0.115 36 0.021 0.019 0.017 0.016 0.014 0.013 0.012 0.015 0.017 0.020 0.024 0.024 0.024 0.024 0.024	0.149 0.123 0.105 37 0.021 0.019 0.017 0.016 0.014 0.013 0.011 0.010 0.012 0.014 0.020 0.024 0.028 0.033 0.024 0.017	38 0.021 0.096 38 0.021 0.019 0.018 0.016 0.014 0.013 0.012 0.015 0.017 0.020 0.024 0.028 0.033 0.024 0.017	0.122 0.098 0.088 0.088 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.011 0.013 0.015 0.017 0.020 0.024 0.028 0.033 0.024 0.017
1993 1994 1995 27 0.025 0.022 0.020 0.018 0.016 0.015 0.013 0.017 0.021 0.025 0.036 0.043 0.027 0.017	0.268 0.209 0.261 28 0.024 0.022 0.020 0.018 0.016 0.014 0.013 0.012 0.014 0.017 0.020 0.024 0.029 0.034 0.041 0.026 0.017 0.011	0.254 0.200 0.235 29 0.024 0.021 0.017 0.016 0.014 0.013 0.011 0.016 0.019 0.023 0.028 0.039 0.026 0.017 0.011	0.240 0.192 0.212 30 0.023 0.021 0.019 0.015 0.014 0.012 0.011 0.013 0.016 0.019 0.022 0.027 0.032 0.038 0.025 0.016 0.011	0.227 0.183 0.191 31 0.023 0.020 0.018 0.017 0.015 0.013 0.012 0.011 0.018 0.022 0.026 0.031 0.036 0.024 0.011	0.215 0.175 0.175 0.172 32 0.022 0.020 0.018 0.015 0.013 0.015 0.018 0.021 0.025 0.025 0.023 0.016 0.011	0.204 0.168 0.155 33 0.022 0.020 0.018 0.016 0.014 0.013 0.015 0.015 0.021 0.025 0.029 0.035 0.024 0.016 0.011	0.193 0.161 0.140 34 0.022 0.020 0.018 0.016 0.014 0.013 0.015 0.017 0.021 0.024 0.029 0.034 0.024 0.016 0.011	0.182 0.154 0.126 35 0.021 0.019 0.017 0.016 0.014 0.013 0.012 0.015 0.017 0.021 0.024 0.024 0.024 0.024 0.024 0.017 0.012	0.165 0.138 0.115 36 0.021 0.019 0.017 0.016 0.014 0.013 0.012 0.015 0.017 0.020 0.024 0.024 0.028 0.034 0.024 0.017 0.012	0.149 0.123 0.105 37 0.021 0.019 0.017 0.016 0.014 0.013 0.011 0.010 0.012 0.014 0.020 0.024 0.028 0.033 0.024 0.017 0.013	38 0.021 0.096 38 0.021 0.019 0.018 0.016 0.014 0.013 0.012 0.015 0.017 0.020 0.024 0.028 0.033 0.024 0.017 0.013	0.122 0.098 0.088 0.088 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.011 0.013 0.015 0.020 0.024 0.028 0.033 0.024 0.017 0.013
1993 1994 1995 27 0.025 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.014 0.017 0.021 0.025 0.030 0.036 0.043 0.027 0.011 0.007	0.268 0.209 0.261 28 0.024 0.022 0.020 0.018 0.016 0.014 0.013 0.012 0.014 0.017 0.020 0.024 0.029 0.034 0.041 0.026 0.017 0.011	0.254 0.200 0.235 29 0.024 0.021 0.019 0.017 0.016 0.014 0.016 0.019 0.023 0.028 0.033 0.039 0.026 0.017 0.011 0.007	0.240 0.192 0.212 30 0.023 0.021 0.019 0.015 0.014 0.012 0.011 0.013 0.016 0.019 0.022 0.027 0.032 0.038 0.025 0.011 0.011	0.227 0.183 0.191 31 0.023 0.020 0.018 0.017 0.015 0.013 0.015 0.018 0.022 0.026 0.031 0.036 0.024 0.016 0.011 0.007	0.215 0.175 0.177 0.177 32 0.022 0.020 0.018 0.015 0.013 0.015 0.018 0.021 0.025 0.029 0.035 0.023 0.016 0.011 0.007	0.204 0.168 0.155 33 0.022 0.020 0.018 0.016 0.014 0.013 0.015 0.015 0.021 0.025 0.029 0.035 0.024 0.016 0.011 0.008	0.193 0.161 0.140 34 0.022 0.020 0.018 0.016 0.014 0.013 0.015 0.017 0.021 0.024 0.024 0.029 0.034 0.016 0.011 0.011	0.182 0.154 0.126 35 0.021 0.019 0.017 0.016 0.014 0.013 0.012 0.015 0.017 0.024 0.024 0.024 0.024 0.017 0.012 0.017	0.165 0.138 0.115 36 0.021 0.019 0.017 0.016 0.014 0.013 0.012 0.015 0.017 0.020 0.024 0.028 0.034 0.024 0.017 0.012 0.017 0.012 0.019	0.149 0.123 0.105 37 0.021 0.019 0.017 0.016 0.014 0.013 0.011 0.010 0.012 0.014 0.017 0.020 0.024 0.028 0.033 0.024 0.017 0.013 0.009	0.135 0.110 0.096 38 0.021 0.019 0.018 0.016 0.014 0.013 0.012 0.015 0.017 0.020 0.024 0.028 0.033 0.024 0.017 0.013 0.013	0.122 0.098 0.088 0.088 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.011 0.013 0.015 0.020 0.024 0.028 0.033 0.024 0.017 0.013 0.009
1993 1994 1995 27 0.025 0.022 0.020 0.018 0.016 0.015 0.013 0.017 0.021 0.025 0.036 0.043 0.027 0.017	0.268 0.209 0.261 28 0.024 0.022 0.020 0.018 0.016 0.014 0.013 0.012 0.014 0.029 0.024 0.029 0.034 0.041 0.026 0.017 0.011	0.254 0.200 0.235 29 0.024 0.021 0.017 0.016 0.014 0.013 0.011 0.016 0.019 0.023 0.028 0.039 0.026 0.017 0.011	0.240 0.192 0.212 30 0.023 0.021 0.019 0.015 0.014 0.012 0.011 0.013 0.016 0.019 0.022 0.027 0.032 0.038 0.025 0.016 0.011	0.227 0.183 0.191 31 0.023 0.020 0.018 0.017 0.015 0.013 0.012 0.011 0.018 0.022 0.026 0.031 0.036 0.024 0.011	0.215 0.175 0.175 0.172 32 0.022 0.020 0.018 0.015 0.013 0.015 0.018 0.021 0.025 0.025 0.023 0.016 0.011	0.204 0.168 0.155 33 0.022 0.020 0.018 0.016 0.014 0.013 0.015 0.015 0.021 0.025 0.029 0.035 0.024 0.016 0.011	0.193 0.161 0.140 34 0.022 0.020 0.018 0.016 0.014 0.013 0.015 0.017 0.021 0.024 0.029 0.034 0.024 0.016 0.011	0.182 0.154 0.126 35 0.021 0.019 0.017 0.016 0.014 0.013 0.012 0.015 0.017 0.021 0.024 0.024 0.024 0.024 0.024 0.017 0.012	0.165 0.138 0.115 36 0.021 0.019 0.017 0.016 0.014 0.013 0.012 0.015 0.017 0.020 0.024 0.024 0.028 0.034 0.024 0.017 0.012	0.149 0.123 0.105 37 0.021 0.019 0.017 0.016 0.014 0.013 0.011 0.010 0.012 0.014 0.020 0.024 0.028 0.033 0.024 0.017 0.013	38 0.021 0.096 38 0.021 0.019 0.018 0.016 0.014 0.013 0.012 0.015 0.017 0.020 0.024 0.028 0.033 0.024 0.017 0.013	0.122 0.098 0.088 0.088 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.011 0.013 0.015 0.020 0.024 0.028 0.033 0.024 0.017 0.013

		1787							- 7	- 1		1	
ı	0.008	0.008	0.008	0.008	0.008	0.008	0.009	0.011	0.012	0.014	0.016	0.016	0.016
1	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.007	0.007	0.007
1	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.007	0.007	0.006	0.006	0.006	0.006
1	0.007	0.007	0.007	0.007	0.007	0.007	0.008	0.008	0.008	0.009	0.009	0.009	0.009
1	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.014	0.014	0.013	0.013	0.013
1	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.009	0.009	0.009	0.009	0.009	0.009
1	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.012	0.012	0.012
1	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.023	0.023	0.023	0.023	0.023	0.023
1	0.028	0.028	0.028	0.028	0.028	0.028	0.027	0.026	0.025	0.025	0.024	0.024	0.024
	0.032	0.032	0.032	0.032	0.032	0.032	0.031	0.031	0.030	0.029	0.029	0.029	0.029
1	0.039	0.039	0.039	0.039	0.039	0.039	0.037	0.036	0.035	0.034	0.033	0.033	0.033
1	0.037	0.037	0.037	0.037	0.037	0.037	0.034	0.031	0.029	0.026	0.024	0.024	0.024
ı	0.039	0.039	0.039	0.039	0.039	0.039	0.036	0.033	0.030	0.027	0.025	0.025	0.025
1	0.041	0.041	0.041	0.041	0.041	0.041	0.037	0.033	0.030	0.027	0.024	0.024	0.024
1	0.055	0.055	0.055	0.055	0.055	0.055	0.050	0.046	0.043	0.039	0.036	0.036	0.036
1	0.091	0.091	0.091	0.091	0.091	0.091	0.084	0.077	0.071	0.065	0.060	0.060	0.060
١	0.076	0.076	0.076	0.076	0.076	0.076	0.070	0.065	0.059	0.055	0.050	0.050	0.050
1	0.072	0.072	0.072	0.072	0.072	0.072	0.065	0.059	0.054	0.049	0.044	0.044	0.044
1	0.068	0.068	0.068	0.068	0.068	0.068	0.063	0.058	0.054	0.050	0.046	0.046	0.046
1	0.070	0.070	0.070	0.070	0.070	0.070	0.064	0.060	0.055	0.051	0.048	0.048	0.048
1	0.056	0.056	0.056	0.056	0.056	0.056	0.052	0.048	0.044	0.041	0.038	0.038	0.038
1	0.051	0.051	0.051	0.051	0.051	0.051	0.047	0.044	0.041	0.038	0.035	0.035	0.035
1	0.070	0.070	0.070	0.070	0.070	0.070	0.062	0.055	0.048	0.043	0.038	0.038	0.038
	0.099	0.099	0.099	0.099	0.099	0.070	0.093	0.088	0.083	0.078	0.074	0.074	0.074
1			0.108		0.108	0.108	0.100	0.093	0.087	0.081	0.075	0.075	0.075
1	0.108	0.108	0.108	0.108	0.110	0.100	0.103	0.095	0.090	0.084	0.079	0.079	0.079
1	0.110	0.110			0.110				0.075	0.034	0.068	0.068	0.068
1	0.088	0.088	0.088	0.088	anna sa tra de la constante de	0.088	0.084	0.079	A COLUMN TO SERVICE AND ADDRESS OF THE PARTY				
	0.088	0.080	0.080	0.080	0.080	0.080	0.076	0.079	0.068	0.064	0.061	0.061	0.061
	0.080	0.080	0.080	0.080	0.080	0.080	0.076	0.072	0.068	0.064	0.061	0.061	0.061
[F	0.080	0.080	0.080 42	0.080	0.080	0.080	0.076 46	0.0 72	0.068	0.064 49	50	51	0.061 52
F	0.080 40 0.022	0.080 41 0.022	0.080 42 0.023	0.080 43 0.023	0.080 44 0.024	0.080 45 0.025	0.076 46 0.025	0.072 47 0.026	0.068 48 0.027	0.064 49 0.028	50 0.029	51 0.029	52 0.030
	0.080 40 0.022 0.020	0.080 41 0.022 0.020	0.080 42 0.023 0.021	0.080 43 0.023 0.021	0.080 44 0.024 0.022	0.080 45 0.025 0.022	0.076 46 0.025 0.023	0.072 47 0.026 0.024	0.068 48 0.027 0.024	0.064 49 0.028 0.025	50 0.029 0.026	51 0.029 0.027	52 0.030 0.028
	0.080 40 0.022 0.020 0.018	0.080 41 0.022 0.020 0.018	0.080 42 0.023 0.021 0.019	0.080 43 0.023 0.021 0.019	0.080 44 0.024 0.022 0.020	0.080 45 0.025 0.022 0.020	0.076 46 0.025 0.023 0.021	0.072 47 0.026 0.024 0.022	0.068 48 0.027 0.024 0.022	0.064 49 0.028 0.025 0.023	50 0.029 0.026 0.024	51 0.029 0.027 0.025	52 0.030 0.028 0.025
	0.080 40 0.022 0.020 0.018 0.016	0.080 41 0.022 0.020 0.018 0.017	0.080 42 0.023 0.021 0.019 0.017	0.080 43 0.023 0.021 0.019 0.018	0.080 44 0.024 0.022 0.020 0.018	0.080 45 0.025 0.022 0.020 0.018	0.076 46 0.025 0.023 0.021 0.019	0.072 47 0.026 0.024 0.022 0.019	0.068 48 0.027 0.024 0.022 0.020	0.064 49 0.028 0.025 0.023 0.021	50 0.029 0.026 0.024 0.022	51 0.029 0.027 0.025 0.025	52 0.030 0.028 0.025 0.023
	0.080 40 0.022 0.020 0.018 0.016 0.015	0.080 41 0.022 0.020 0.018 0.017 0.015	0.080 42 0.023 0.021 0.019 0.017 0.015	0.080 43 0.023 0.021 0.019 0.018 0.016	0.080 44 0.024 0.022 0.020 0.018 0.016	0.080 45 0.025 0.022 0.020 0.018 0.017	0.076 46 0.025 0.023 0.021 0.019 0.017	0.072 47 0.026 0.024 0.022 0.019 0.018	0.068 48 0.027 0.024 0.022 0.020 0.018	0.064 49 0.028 0.025 0.023 0.021 0.019	50 0.029 0.026 0.024 0.022 0.020	51 0.029 0.027 0.025 0.022 0.021	52 0.030 0.028 0.025 0.023 0.021
	0.080 40 0.022 0.020 0.018 0.016 0.015 0.013	0.080 41 0.022 0.020 0.018 0.017 0.015 0.014	0.080 42 0.023 0.021 0.019 0.017 0.015 0.014	0.080 43 0.023 0.021 0.019 0.018 0.016 0.014	0.080 44 0.024 0.022 0.020 0.018 0.016 0.015	0.080 45 0.025 0.022 0.020 0.018 0.017 0.015	0.076 46 0.025 0.023 0.021 0.019 0.017 0.016	0.072 47 0.026 0.024 0.022 0.019 0.018 0.016	0.068 48 0.027 0.024 0.022 0.020 0.018 0.017	0.064 49 0.028 0.025 0.023 0.021 0.019 0.017	50 0.029 0.026 0.024 0.022 0.020 0.018	51 0.029 0.027 0.025 0.022 0.021 0.019	52 0.030 0.028 0.025 0.023 0.021 0.020
	0.080 40 0.022 0.020 0.018 0.016 0.015 0.013 0.012	0.080 41 0.022 0.020 0.018 0.017 0.015 0.014 0.012	0.080 42 0.023 0.021 0.019 0.017 0.015 0.014 0.013	0.080 43 0.023 0.021 0.019 0.018 0.016 0.014 0.013	0.080 44 0.024 0.022 0.020 0.018 0.016 0.015 0.013	0.080 45 0.025 0.022 0.020 0.018 0.017 0.015 0.014	0.076 46 0.025 0.023 0.021 0.019 0.017 0.016 0.014	0.072 47 0.026 0.024 0.022 0.019 0.018 0.016 0.015	0.068 48 0.027 0.024 0.022 0.020 0.018 0.017 0.015	0.064 49 0.028 0.025 0.023 0.021 0.019 0.017 0.016	50 0.029 0.026 0.024 0.022 0.020 0.018 0.016	51 0.029 0.027 0.025 0.022 0.021 0.019 0.017	52 0.030 0.028 0.025 0.023 0.021 0.020 0.018
	0.080 40 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.011	0.080 41 0.022 0.020 0.018 0.017 0.015 0.014 0.012 0.011	0.080 42 0.023 0.021 0.019 0.017 0.015 0.014 0.013 0.012	0.080 43 0.023 0.021 0.019 0.018 0.016 0.014 0.013 0.012	0.080 44 0.024 0.022 0.020 0.018 0.016 0.015 0.013 0.012	0.080 45 0.025 0.022 0.020 0.018 0.017 0.015 0.014 0.013	0.076 46 0.025 0.023 0.021 0.019 0.017 0.016 0.014 0.013	0.072 47 0.026 0.024 0.022 0.019 0.018 0.016 0.015 0.013	0.068 48 0.027 0.024 0.022 0.020 0.018 0.017 0.015 0.014	0.064 49 0.028 0.025 0.023 0.021 0.019 0.017 0.016 0.014	50 0.029 0.026 0.024 0.022 0.020 0.018 0.016 0.015	51 0.029 0.027 0.025 0.022 0.021 0.019 0.017 0.016	52 0.030 0.028 0.025 0.023 0.021 0.020 0.018 0.016
	0.080 40 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.011 0.013	0.080 41 0.022 0.020 0.018 0.017 0.015 0.014 0.012 0.011 0.013	0.080 42 0.023 0.021 0.019 0.017 0.015 0.014 0.013 0.012 0.013	0.080 43 0.023 0.021 0.019 0.018 0.016 0.014 0.013 0.012 0.014	0.080 44 0.024 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.014	0.080 45 0.025 0.022 0.020 0.018 0.017 0.015 0.014 0.013 0.014	0.076 46 0.025 0.023 0.021 0.019 0.017 0.016 0.014 0.013 0.015	0.072 47 0.026 0.024 0.022 0.019 0.018 0.016 0.015 0.013	0.068 48 0.027 0.024 0.022 0.020 0.018 0.017 0.015 0.014 0.016	0.064 49 0.028 0.025 0.023 0.021 0.019 0.017 0.016 0.014	0.061 50 0.029 0.026 0.024 0.022 0.020 0.018 0.016 0.015 0.017	0.061 51 0.029 0.027 0.025 0.022 0.021 0.019 0.017 0.016 0.018	52 0.030 0.028 0.025 0.023 0.021 0.020 0.018 0.016 0.018
	0.080 40 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.011 0.013 0.015	0.080 41 0.022 0.020 0.018 0.017 0.015 0.014 0.012 0.011 0.013 0.015	0.080 42 0.023 0.021 0.019 0.017 0.015 0.014 0.013 0.012 0.013 0.015	0.080 43 0.023 0.021 0.019 0.018 0.016 0.014 0.013 0.012 0.014 0.016	0.080 44 0.024 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.014 0.016	0.080 45 0.025 0.022 0.020 0.018 0.017 0.015 0.014 0.013 0.014	0.076 46 0.025 0.023 0.021 0.019 0.017 0.016 0.014 0.013 0.015 0.017	0.072 47 0.026 0.024 0.022 0.019 0.018 0.016 0.015 0.013 0.015 0.017	0.068 48 0.027 0.024 0.022 0.020 0.018 0.017 0.015 0.014 0.016 0.018	0.064 49 0.028 0.025 0.023 0.021 0.019 0.017 0.016 0.014 0.016 0.019	50 0.029 0.026 0.024 0.022 0.020 0.018 0.016 0.015 0.017 0.019	51 0.029 0.027 0.025 0.022 0.021 0.019 0.017 0.016 0.018 0.020	52 0.030 0.028 0.025 0.023 0.021 0.020 0.018 0.016 0.018
	0.080 40 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.011 0.013 0.015 0.018	0.080 41 0.022 0.020 0.018 0.017 0.015 0.014 0.012 0.011 0.013 0.015 0.018	0.080 42 0.023 0.021 0.019 0.017 0.015 0.014 0.013 0.012 0.013 0.015 0.018	0.080 43 0.023 0.021 0.019 0.018 0.016 0.014 0.013 0.012 0.014 0.016 0.018	0.080 44 0.024 0.022 0.020 0.018 0.016 0.015 0.013 0.014 0.016 0.019	0.080 45 0.025 0.022 0.020 0.018 0.017 0.015 0.014 0.013 0.016 0.019	0.076 46 0.025 0.023 0.021 0.019 0.017 0.016 0.014 0.013 0.015 0.017 0.019	0.072 47 0.026 0.024 0.022 0.019 0.018 0.016 0.015 0.013 0.015 0.017 0.020	0.068 48 0.027 0.024 0.022 0.020 0.018 0.017 0.015 0.014 0.016 0.018 0.020	0.064 49 0.028 0.025 0.023 0.021 0.019 0.016 0.014 0.016 0.019 0.021	50 0.029 0.026 0.024 0.022 0.020 0.018 0.016 0.015 0.017 0.019 0.022	51 0.029 0.027 0.025 0.022 0.021 0.019 0.017 0.016 0.018 0.020 0.023	52 0.030 0.028 0.025 0.023 0.021 0.020 0.018 0.016 0.021 0.021 0.023
	0.080 40 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.011 0.013 0.015 0.018	0.080 41 0.022 0.020 0.018 0.017 0.015 0.014 0.012 0.011 0.013 0.015 0.018 0.021	0.080 42 0.023 0.021 0.019 0.017 0.015 0.014 0.013 0.012 0.013 0.015 0.018 0.021	0.080 43 0.023 0.021 0.019 0.018 0.016 0.014 0.013 0.012 0.016 0.018 0.018	0.080 44 0.024 0.022 0.020 0.018 0.016 0.015 0.013 0.014 0.016 0.019 0.021	0.080 45 0.025 0.022 0.020 0.018 0.017 0.015 0.014 0.013 0.014 0.016 0.019 0.022	0.076 46 0.025 0.023 0.021 0.019 0.017 0.016 0.014 0.013 0.015 0.017 0.019 0.022	0.072 47 0.026 0.024 0.022 0.019 0.018 0.016 0.015 0.013 0.017 0.020 0.022	0.068 48 0.027 0.024 0.022 0.020 0.018 0.017 0.015 0.014 0.016 0.020 0.023	0.064 49 0.028 0.025 0.023 0.021 0.019 0.016 0.014 0.016 0.019 0.021 0.024	50 0.029 0.026 0.024 0.022 0.020 0.018 0.016 0.015 0.017 0.019 0.022 0.025	51 0.029 0.027 0.025 0.022 0.021 0.019 0.017 0.016 0.018 0.020 0.023 0.025	52 0.030 0.028 0.025 0.023 0.021 0.020 0.018 0.016 0.018 0.021 0.023 0.026
	0.080 40 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.011 0.013 0.015 0.018 0.020 0.024	0.080 41 0.022 0.020 0.018 0.017 0.015 0.014 0.012 0.011 0.013 0.015 0.018 0.021 0.024	0.080 42 0.023 0.021 0.019 0.017 0.015 0.014 0.013 0.012 0.013 0.015 0.018 0.021 0.024	0.080 43 0.023 0.021 0.019 0.018 0.016 0.014 0.013 0.012 0.014 0.016 0.018 0.021 0.024	0.080 44 0.024 0.022 0.020 0.018 0.016 0.015 0.013 0.014 0.016 0.019 0.021 0.025	0.080 45 0.025 0.022 0.020 0.018 0.017 0.015 0.014 0.013 0.014 0.016 0.019 0.022 0.025	0.076 46 0.025 0.023 0.021 0.019 0.017 0.016 0.014 0.013 0.015 0.017 0.019 0.022 0.025	0.072 47 0.026 0.024 0.022 0.019 0.018 0.016 0.015 0.013 0.017 0.020 0.022 0.022	0.068 48 0.027 0.024 0.022 0.020 0.018 0.017 0.015 0.014 0.016 0.020 0.023 0.026	0.064 49 0.028 0.025 0.023 0.019 0.016 0.014 0.016 0.019 0.021 0.024 0.027	0.061 50 0.029 0.026 0.024 0.022 0.020 0.018 0.016 0.015 0.017 0.019 0.022 0.025 0.028	51 0.029 0.027 0.025 0.022 0.021 0.019 0.017 0.016 0.018 0.020 0.023 0.025 0.025	52 0.030 0.028 0.025 0.023 0.021 0.020 0.018 0.016 0.018 0.021 0.023 0.026 0.030
	0.080 40 0.022 0.020 0.018 0.015 0.013 0.012 0.011 0.013 0.015 0.020 0.024 0.028	0.080 41 0.022 0.020 0.018 0.017 0.015 0.014 0.012 0.011 0.013 0.015 0.018 0.021 0.024 0.028	0.080 42 0.023 0.021 0.019 0.017 0.015 0.014 0.013 0.012 0.018 0.021 0.024 0.028	0.080 43 0.023 0.021 0.019 0.018 0.016 0.013 0.012 0.014 0.016 0.018 0.021 0.024 0.028	0.080 44 0.024 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.014 0.016 0.019 0.021 0.025 0.028	0.080 45 0.025 0.022 0.020 0.018 0.017 0.015 0.014 0.013 0.014 0.016 0.019 0.022 0.025 0.029	0.076 46 0.025 0.023 0.021 0.019 0.017 0.016 0.014 0.013 0.015 0.017 0.019 0.022 0.025 0.029	0.072 47 0.026 0.024 0.022 0.019 0.018 0.015 0.013 0.015 0.017 0.020 0.022 0.026 0.029	0.068 48 0.027 0.024 0.022 0.020 0.018 0.017 0.015 0.014 0.016 0.020 0.023 0.026 0.030	0.064 49 0.028 0.025 0.021 0.019 0.016 0.014 0.016 0.019 0.021 0.024 0.027 0.031	0.061 50 0.029 0.026 0.024 0.022 0.020 0.018 0.016 0.015 0.017 0.019 0.022 0.025 0.028 0.032	51 0.029 0.027 0.025 0.022 0.021 0.019 0.017 0.016 0.020 0.023 0.025 0.025 0.029 0.032	52 0.030 0.028 0.025 0.023 0.021 0.020 0.018 0.016 0.018 0.021 0.023 0.026 0.030 0.033
	0.080 40 0.022 0.020 0.018 0.015 0.013 0.012 0.011 0.015 0.018 0.020 0.024 0.028 0.033	0.080 41 0.022 0.020 0.018 0.017 0.015 0.014 0.012 0.011 0.015 0.018 0.021 0.024 0.028 0.032	0.080 42 0.023 0.021 0.019 0.015 0.014 0.013 0.012 0.013 0.015 0.018 0.021 0.024 0.028 0.032	0.080 43 0.023 0.021 0.019 0.018 0.016 0.014 0.013 0.012 0.014 0.016 0.018 0.021 0.024 0.028 0.032	0.080 44 0.024 0.022 0.020 0.018 0.015 0.013 0.012 0.014 0.016 0.019 0.021 0.025 0.028 0.033	0.080 45 0.025 0.022 0.020 0.018 0.017 0.015 0.014 0.016 0.019 0.022 0.025 0.029 0.033	0.076 46 0.025 0.023 0.021 0.019 0.017 0.016 0.014 0.013 0.015 0.017 0.019 0.022 0.025 0.029 0.033	0.072 47 0.026 0.024 0.022 0.019 0.018 0.015 0.015 0.017 0.020 0.022 0.026 0.029 0.033	0.068 48 0.027 0.024 0.022 0.020 0.018 0.017 0.015 0.014 0.016 0.020 0.023 0.026 0.030 0.034	0.064 49 0.028 0.025 0.023 0.021 0.019 0.016 0.014 0.016 0.019 0.021 0.024 0.027 0.031 0.035	0.061 50 0.029 0.026 0.024 0.022 0.018 0.016 0.015 0.017 0.019 0.022 0.025 0.028 0.032 0.036	0.061 0.029 0.027 0.025 0.022 0.017 0.016 0.018 0.020 0.023 0.025 0.029 0.032 0.037	52 0.030 0.028 0.025 0.023 0.021 0.020 0.018 0.016 0.018 0.021 0.023 0.026 0.030 0.033 0.037
	0.080 40 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.011 0.018 0.020 0.024 0.028 0.033 0.024	0.080 41 0.022 0.020 0.018 0.017 0.015 0.014 0.012 0.011 0.013 0.015 0.018 0.021 0.024 0.028 0.032 0.024	0.080 42 0.023 0.021 0.019 0.017 0.015 0.014 0.013 0.015 0.018 0.021 0.024 0.028 0.032 0.023	0.080 43 0.023 0.021 0.019 0.018 0.016 0.014 0.013 0.012 0.016 0.018 0.021 0.024 0.028 0.032 0.024	0.080 44 0.024 0.022 0.020 0.018 0.016 0.015 0.014 0.016 0.019 0.021 0.025 0.033 0.025	0.080 45 0.025 0.022 0.020 0.018 0.017 0.015 0.014 0.016 0.019 0.022 0.025 0.029 0.033 0.026	0.076 46 0.025 0.023 0.021 0.019 0.014 0.013 0.015 0.017 0.019 0.022 0.025 0.029 0.033 0.028	0.072 47 0.026 0.024 0.022 0.019 0.018 0.015 0.015 0.017 0.020 0.022 0.026 0.029 0.033 0.029	0.068 48 0.027 0.024 0.022 0.020 0.018 0.017 0.015 0.014 0.016 0.020 0.023 0.026 0.030 0.034 0.029	0.064 49 0.028 0.025 0.023 0.021 0.019 0.016 0.014 0.016 0.019 0.021 0.024 0.027 0.031 0.035 0.030	0.061 50 0.029 0.026 0.024 0.022 0.020 0.018 0.016 0.015 0.017 0.019 0.022 0.025 0.028 0.032 0.036 0.030	51 0.029 0.027 0.025 0.022 0.021 0.019 0.016 0.018 0.020 0.023 0.025 0.029 0.032 0.037 0.031	52 0.030 0.028 0.025 0.023 0.021 0.020 0.018 0.016 0.018 0.021 0.023 0.026 0.033 0.037 0.031
	0.080 40 0.022 0.020 0.018 0.016 0.015 0.013 0.015 0.018 0.020 0.024 0.028 0.033 0.024 0.017	0.080 41 0.022 0.020 0.018 0.017 0.015 0.014 0.012 0.011 0.013 0.015 0.018 0.021 0.024 0.028 0.032 0.024 0.017	0.080 42 0.023 0.021 0.019 0.017 0.015 0.013 0.012 0.013 0.015 0.021 0.024 0.028 0.032 0.023 0.017	0.080 43 0.023 0.021 0.019 0.018 0.016 0.014 0.013 0.012 0.014 0.016 0.021 0.024 0.028 0.032 0.024 0.018	0.080 44 0.024 0.022 0.020 0.018 0.015 0.013 0.014 0.016 0.019 0.021 0.025 0.028 0.033 0.025 0.020	0.080 45 0.025 0.022 0.020 0.018 0.017 0.015 0.014 0.016 0.019 0.022 0.025 0.029 0.033 0.026 0.021	0.076 46 0.025 0.023 0.021 0.019 0.017 0.016 0.014 0.013 0.015 0.017 0.019 0.022 0.025 0.029 0.033 0.028 0.023	0.072 47 0.026 0.024 0.022 0.019 0.018 0.015 0.015 0.017 0.020 0.022 0.026 0.029 0.033 0.029 0.025	0.068 48 0.027 0.024 0.022 0.020 0.018 0.015 0.014 0.016 0.020 0.023 0.026 0.030 0.034 0.029 0.025	0.064 49 0.028 0.025 0.023 0.021 0.019 0.016 0.014 0.016 0.019 0.021 0.024 0.027 0.035 0.035 0.030 0.025	0.061 50 0.029 0.026 0.024 0.022 0.020 0.018 0.016 0.015 0.017 0.019 0.022 0.025 0.028 0.032 0.036 0.030 0.026	51 0.029 0.027 0.025 0.022 0.021 0.019 0.017 0.016 0.020 0.023 0.025 0.025 0.037 0.031 0.026	52 0.030 0.028 0.025 0.023 0.021 0.020 0.018 0.016 0.018 0.021 0.023 0.026 0.030 0.033 0.037 0.031 0.026
	0.080 40 0.022 0.020 0.018 0.016 0.015 0.013 0.015 0.018 0.020 0.024 0.028 0.033 0.024 0.017 0.013	0.080 41 0.022 0.020 0.018 0.017 0.015 0.014 0.012 0.011 0.013 0.021 0.024 0.028 0.032 0.024 0.017 0.013	0.080 42 0.023 0.021 0.019 0.017 0.015 0.013 0.012 0.013 0.021 0.024 0.028 0.032 0.023 0.017 0.013	0.080 43 0.023 0.021 0.019 0.018 0.014 0.013 0.012 0.014 0.016 0.021 0.024 0.028 0.032 0.024 0.018 0.014	0.080 44 0.024 0.022 0.020 0.018 0.015 0.013 0.012 0.014 0.016 0.019 0.021 0.025 0.028 0.033 0.025 0.020 0.015	0.080 45 0.025 0.022 0.020 0.018 0.017 0.015 0.014 0.016 0.019 0.022 0.025 0.029 0.033 0.026 0.021 0.017	0.076 46 0.025 0.023 0.021 0.019 0.017 0.016 0.014 0.013 0.015 0.017 0.019 0.022 0.025 0.029 0.033 0.028 0.023 0.019	0.072 47 0.026 0.024 0.022 0.019 0.016 0.015 0.013 0.015 0.020 0.022 0.026 0.029 0.033 0.029 0.025 0.021	0.068 48 0.027 0.024 0.022 0.020 0.018 0.017 0.015 0.014 0.016 0.020 0.023 0.026 0.030 0.034 0.029 0.025 0.021	0.064 49 0.028 0.025 0.023 0.017 0.016 0.014 0.016 0.019 0.021 0.024 0.027 0.031 0.035 0.030 0.025 0.021	0.061 50 0.029 0.026 0.024 0.022 0.020 0.018 0.016 0.015 0.017 0.019 0.022 0.025 0.036 0.030 0.036 0.030 0.026	51 0.029 0.027 0.025 0.022 0.021 0.019 0.017 0.016 0.020 0.023 0.025 0.029 0.032 0.037 0.031 0.026 0.022	52 0.030 0.028 0.025 0.023 0.021 0.020 0.018 0.016 0.018 0.021 0.023 0.026 0.030 0.033 0.037 0.031 0.026 0.022
	0.080 40 0.022 0.020 0.018 0.016 0.015 0.013 0.015 0.018 0.020 0.024 0.028 0.033 0.024 0.017 0.013 0.019	0.080 41 0.022 0.020 0.018 0.017 0.015 0.014 0.012 0.011 0.013 0.021 0.024 0.028 0.032 0.024 0.017 0.013 0.009	0.080 42 0.023 0.021 0.019 0.017 0.015 0.013 0.012 0.013 0.021 0.024 0.028 0.032 0.023 0.017 0.013 0.009	0.080 43 0.023 0.021 0.019 0.018 0.014 0.013 0.012 0.014 0.021 0.024 0.028 0.032 0.024 0.018 0.014 0.011	0.080 44 0.024 0.022 0.020 0.018 0.016 0.015 0.014 0.016 0.019 0.021 0.025 0.028 0.033 0.025 0.020 0.015	0.080 45 0.025 0.022 0.020 0.018 0.017 0.015 0.014 0.016 0.019 0.022 0.025 0.029 0.033 0.026 0.021 0.017 0.014	0.076 46 0.025 0.023 0.021 0.019 0.017 0.016 0.014 0.013 0.015 0.017 0.019 0.022 0.025 0.028 0.023 0.019 0.016	0.072 47 0.026 0.024 0.022 0.019 0.018 0.015 0.013 0.015 0.020 0.022 0.026 0.029 0.033 0.029 0.025 0.021 0.018	0.068 48 0.027 0.024 0.022 0.020 0.018 0.017 0.015 0.014 0.016 0.020 0.023 0.026 0.030 0.034 0.029 0.025 0.021 0.018	0.064 49 0.028 0.025 0.023 0.017 0.016 0.014 0.016 0.019 0.021 0.024 0.027 0.031 0.035 0.030 0.025 0.021 0.018	0.061 50 0.029 0.026 0.024 0.022 0.020 0.018 0.015 0.017 0.019 0.022 0.025 0.036 0.030 0.036 0.030 0.022 0.022 0.022	51 0.029 0.027 0.025 0.022 0.021 0.019 0.017 0.016 0.020 0.023 0.025 0.029 0.032 0.037 0.031 0.026 0.022 0.032	52 0.030 0.028 0.025 0.023 0.021 0.020 0.018 0.016 0.018 0.021 0.023 0.026 0.030 0.033 0.037 0.031 0.026 0.022 0.018
	0.080 40 0.022 0.020 0.018 0.015 0.013 0.012 0.011 0.013 0.020 0.024 0.028 0.033 0.024 0.017 0.013 0.009 0.009	0.080 41 0.022 0.020 0.018 0.017 0.015 0.014 0.012 0.011 0.015 0.018 0.021 0.024 0.028 0.032 0.024 0.017 0.013 0.009 0.009	0.080 42 0.023 0.021 0.019 0.017 0.015 0.013 0.012 0.013 0.021 0.024 0.028 0.032 0.023 0.017 0.013 0.009 0.009	0.080 43 0.023 0.021 0.019 0.018 0.016 0.014 0.016 0.018 0.021 0.024 0.028 0.032 0.024 0.018 0.011 0.011	0.080 44 0.024 0.022 0.020 0.018 0.016 0.015 0.014 0.016 0.019 0.021 0.025 0.028 0.033 0.025 0.020 0.015 0.012	0.080 45 0.025 0.022 0.020 0.018 0.017 0.015 0.014 0.016 0.019 0.022 0.025 0.029 0.033 0.026 0.021 0.014 0.017	0.076 46 0.025 0.023 0.021 0.019 0.017 0.016 0.014 0.013 0.015 0.017 0.019 0.022 0.025 0.029 0.033 0.028 0.023 0.019 0.016 0.016	0.072 47 0.026 0.024 0.022 0.019 0.018 0.015 0.017 0.020 0.022 0.026 0.029 0.033 0.029 0.025 0.021 0.018	0.068 48 0.027 0.024 0.022 0.020 0.018 0.017 0.015 0.014 0.016 0.020 0.023 0.026 0.030 0.034 0.029 0.025 0.021 0.018 0.018	0.064 49 0.028 0.025 0.023 0.019 0.016 0.014 0.016 0.019 0.021 0.024 0.027 0.031 0.035 0.035 0.0021 0.018	0.061 50 0.029 0.026 0.024 0.022 0.020 0.018 0.015 0.017 0.019 0.022 0.025 0.036 0.036 0.036 0.026 0.022 0.018	51 0.029 0.027 0.025 0.022 0.021 0.019 0.017 0.016 0.020 0.023 0.025 0.029 0.032 0.037 0.031 0.026 0.022 0.018	52 0.030 0.028 0.025 0.023 0.021 0.020 0.018 0.016 0.021 0.023 0.026 0.030 0.033 0.037 0.031 0.026 0.022 0.018
	0.080 40 0.022 0.020 0.018 0.015 0.013 0.012 0.011 0.013 0.020 0.024 0.028 0.033 0.024 0.017 0.013 0.009 0.009 0.009	0.080 41 0.022 0.020 0.018 0.017 0.015 0.014 0.012 0.011 0.013 0.021 0.024 0.028 0.032 0.024 0.017 0.013 0.009 0.009 0.009	0.080 42 0.023 0.021 0.019 0.017 0.015 0.014 0.013 0.015 0.018 0.021 0.024 0.028 0.032 0.023 0.017 0.013 0.009 0.009 0.009	0.080 43 0.023 0.021 0.019 0.018 0.016 0.014 0.013 0.012 0.014 0.018 0.021 0.024 0.028 0.032 0.024 0.018 0.011 0.011 0.011	0.080 44 0.024 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.016 0.025 0.028 0.033 0.025 0.020 0.015 0.012 0.012 0.012	0.080 45 0.025 0.022 0.020 0.018 0.017 0.015 0.014 0.016 0.019 0.022 0.025 0.029 0.033 0.026 0.021 0.014 0.014 0.010	0.076 46 0.025 0.023 0.021 0.019 0.017 0.016 0.014 0.013 0.015 0.017 0.019 0.022 0.025 0.029 0.033 0.028 0.023 0.019 0.016 0.016 0.011	0.072 47 0.026 0.024 0.022 0.019 0.018 0.015 0.017 0.020 0.022 0.026 0.029 0.033 0.029 0.021 0.018 0.018 0.011	0.068 48 0.027 0.024 0.022 0.020 0.018 0.017 0.015 0.014 0.016 0.020 0.023 0.026 0.030 0.034 0.029 0.025 0.021 0.018 0.018 0.018 0.018	0.064 49 0.028 0.025 0.023 0.021 0.019 0.014 0.016 0.019 0.021 0.024 0.027 0.031 0.035 0.030 0.025 0.018 0.018 0.011	0.061 50 0.029 0.026 0.024 0.022 0.018 0.016 0.015 0.017 0.019 0.022 0.025 0.036 0.030 0.036 0.030 0.026 0.018 0.018	51 0.029 0.027 0.025 0.022 0.021 0.019 0.017 0.016 0.023 0.025 0.029 0.032 0.037 0.031 0.026 0.022 0.018 0.018	52 0.030 0.028 0.025 0.023 0.021 0.020 0.018 0.016 0.018 0.021 0.023 0.026 0.033 0.037 0.031 0.026 0.018 0.011
	0.080 40 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.011 0.018 0.020 0.024 0.028 0.033 0.024 0.017 0.013 0.009 0.009 0.009 0.016	0.080 41 0.022 0.020 0.018 0.017 0.015 0.014 0.012 0.011 0.013 0.015 0.024 0.024 0.028 0.032 0.024 0.017 0.013 0.009 0.009 0.009 0.016	0.080 42 0.023 0.021 0.019 0.017 0.015 0.014 0.013 0.015 0.018 0.021 0.024 0.028 0.032 0.023 0.017 0.013 0.009 0.009 0.009 0.016	0.080 43 0.023 0.021 0.019 0.018 0.014 0.013 0.012 0.014 0.016 0.024 0.028 0.032 0.024 0.018 0.011 0.011 0.011 0.010 0.016	0.080 44 0.024 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.016 0.028 0.028 0.033 0.025 0.020 0.015 0.012 0.012 0.010 0.017	0.080 45 0.025 0.022 0.020 0.018 0.017 0.015 0.014 0.016 0.019 0.022 0.025 0.029 0.033 0.026 0.021 0.017 0.014 0.010 0.010	0.076 46 0.025 0.023 0.021 0.019 0.017 0.016 0.014 0.013 0.015 0.017 0.022 0.025 0.029 0.033 0.028 0.023 0.016 0.016 0.011 0.018	0.072 47 0.026 0.024 0.022 0.019 0.018 0.015 0.015 0.017 0.020 0.022 0.026 0.029 0.033 0.029 0.025 0.018 0.018 0.018	0.068 48 0.027 0.024 0.022 0.020 0.018 0.017 0.015 0.014 0.016 0.020 0.023 0.026 0.030 0.034 0.029 0.025 0.021 0.018 0.011 0.018	0.064 49 0.028 0.025 0.023 0.021 0.019 0.016 0.014 0.016 0.019 0.021 0.024 0.027 0.031 0.035 0.030 0.025 0.018 0.018 0.011 0.018	0.061 50 0.029 0.026 0.024 0.022 0.020 0.018 0.016 0.015 0.017 0.019 0.022 0.025 0.032 0.036 0.030 0.026 0.018 0.018 0.018 0.018	0.061 0.029 0.027 0.025 0.022 0.021 0.019 0.016 0.018 0.020 0.023 0.025 0.029 0.032 0.037 0.031 0.026 0.022 0.018 0.018 0.018	52 0.030 0.028 0.025 0.023 0.021 0.020 0.018 0.016 0.018 0.021 0.023 0.026 0.030 0.033 0.037 0.031 0.026 0.018 0.011 0.018
	0.080 40 0.022 0.020 0.018 0.015 0.013 0.012 0.011 0.013 0.020 0.024 0.028 0.033 0.024 0.017 0.013 0.009 0.009 0.009	0.080 41 0.022 0.020 0.018 0.017 0.015 0.014 0.012 0.011 0.013 0.021 0.024 0.028 0.032 0.024 0.017 0.013 0.009 0.009 0.009	0.080 42 0.023 0.021 0.019 0.017 0.015 0.014 0.013 0.015 0.018 0.021 0.024 0.028 0.032 0.023 0.017 0.013 0.009 0.009 0.009	0.080 43 0.023 0.021 0.019 0.018 0.016 0.014 0.013 0.012 0.014 0.018 0.021 0.024 0.028 0.032 0.024 0.018 0.011 0.011 0.011	0.080 44 0.024 0.022 0.020 0.018 0.016 0.015 0.013 0.012 0.016 0.025 0.028 0.033 0.025 0.020 0.015 0.012 0.012 0.012	0.080 45 0.025 0.022 0.020 0.018 0.017 0.015 0.014 0.016 0.019 0.022 0.025 0.029 0.033 0.026 0.021 0.017 0.014 0.010 0.010	0.076 46 0.025 0.023 0.021 0.019 0.017 0.016 0.014 0.013 0.015 0.017 0.022 0.025 0.029 0.033 0.028 0.023 0.016 0.016 0.011 0.018	0.072 47 0.026 0.024 0.022 0.019 0.018 0.015 0.015 0.017 0.020 0.022 0.026 0.029 0.033 0.029 0.025 0.018 0.018 0.018	0.068 48 0.027 0.024 0.022 0.020 0.018 0.017 0.015 0.014 0.016 0.020 0.023 0.026 0.030 0.034 0.029 0.025 0.021 0.018 0.011 0.018	0.064 49 0.028 0.025 0.023 0.021 0.019 0.016 0.014 0.016 0.019 0.021 0.024 0.027 0.031 0.035 0.030 0.025 0.018 0.018 0.011 0.018	0.061 50 0.029 0.026 0.024 0.022 0.020 0.018 0.016 0.015 0.017 0.019 0.022 0.025 0.032 0.036 0.030 0.026 0.018 0.018 0.018 0.018	51 0.029 0.027 0.025 0.022 0.021 0.019 0.017 0.016 0.023 0.025 0.029 0.032 0.037 0.031 0.026 0.022 0.018 0.018	52 0.030 0.028 0.025 0.023 0.021 0.020 0.018 0.016 0.018 0.021 0.023 0.026 0.033 0.037 0.031 0.026 0.018 0.011

,	4	1	1	1								المدمم	
ı	0.006	0.006	0.006	0.007	0.008	0.009	0.010	0.011	0.011	0.011	0.011	0.011	0.011
ı	0.009	0.009	0.009	0.010	0.011	0.011	0.012	0.013	0.013	0.013	0.013	0.013	0.013
ı	0.013	0.013	0.013	0.015	0.017	0.019	0.021	0.024	0.024	0.024	0.024	0.024	0.024
1	0.009	0.009	0.009	0.010	0.011	0.011	0.012	0.013	0.013	0.013	0.013	0.013	0.013
ı	0.012	0.012	0.012	0.008	0.006	0.004	0.003	0.002	0.002	0.002	0.002	0.002	0.002
ı	0.023	0.023	0.023	0.023	0.023	0.023	0.022	0.022	0.022	0.022	0.022	0.022	0.022
1	0.024	0.024	0.024	0.024	0.024	0.024	0.023	0.023	0.023	0.023	0.023	0.023	0.023
1	0.029	0.029	0.029	0.028	0.027	0.026	0.025	0.025	0.025	0.025	0.025	0.025	0.025
ı	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033
ı	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024
1	0.025	0.025	0.025	0.025	0.026	0.027	0.027	0.028	0.028	0.028	0.028	0.028	0.028
ı	0.024	0.024	0.024	0.025	0.025	0.026	0.027	0.028	0.028	0.028	0.028	0.028	0.028
ı	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036
ı	0.060	0.060	0.060	0.060	0.060	0.060	0.059	0.059	0.059	0.059	0.059	0.059	0.059
1	0.050	0.050	0.050	0.052	0.053	0.054	0.055	0.057	0.057	0.057	0.057	0.057	0.057
l	0.044	0.044	0.044	0.045	0.046	0.047	0.048	0.048	0.048	0.048	0.048	0.048	0.048
1	0.046	0.046	0.046	0.048	0.049	0.051	0.053	0.054	0.054	0.054	0.054	0.054	0.054
1	0.048	0.048	0.048	0.046	0.045	0.044	0.043	0.042	0.042	0.042	0.042	0.042	0.042
ı	0.038	0.038	0.038	0.039	0.040	0.042	0.043	0.045	0.045	0.045	0.045	0.045	0.045
ı	0.035	0.035	0.035	0.034	0.033	0.032	0.031	0.029	0.029	0.029	0.029	0.029	0.029
١	0.038	0.038	0.038	0.037	0.036	0.034	0.033	0.032	0.032	0.032	0.032	0.032	0.032
ł	0.074	0.074	0.074	0.071	0.068	0.065	0.063	0.060	0.060	0.060	0.060	0.060	0.060
1	0.075	0.075	0.075	0.074	0.074	0.073	0.073	0.072	0.072	0.072	0.072	0.072	0.072
1	0.079	0.079	0.079	0.077	0.076	0.075	0.074	0.072	0.072	0.072	0.072	0.072	0.072
	0.068	0.068	0.068	0.068	0.068	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.067
	0.061	0.061	0.061	0.060	0.059	0.057	0.056	0.055	0.055	0.055	0.055	0.055	0.055
_	0.001	0.001	3,004	0.000	0.000	GIOO!	CALCADA.	0.000	01000	01000		01000	21000

53	54	55	56	57	58	59	60	61	62	63	64
0.031	0.032	0.033	0.034	0.035	0.036	0.037	0.039	0.040	0.041	0.042	0.043
0.029	0.030	0.031	0.032	0.033	0.034	0.035	0.036	0.037	0.038	0.039	0.040
0.026	0.027	0.028	0.029	0.030	0.031	0.032	0.033	0.034	0.035	0.036	0.037
0.024	0.025	0.026	0.027	0.028	0.029	0.030	0.031	0.031	0.032	0.033	0.034
0.022	0.023	0.024	0.025	0.026	0.027	0.027	0.028	0.029	0.030	0.031	0.032
0.020	0.021	0.022	0.023	0.024	0.025	0.025	0.026	0.027	0.028	0.028	0.029
0.019	0.020	0.020	0.021	0.022	0.023	0.024	0.024	0.025	0.026	0.026	0.027
0.017	0.018	0.019	0.020	0.021	0.021	0.022	0.022	0.023	0.024		0.025
0.019	0.020	0.021	0.022	0.023	0.023	0.024	0.024	0.025	0.026	0.026	0.027
0.022	0.022	0.023	0.024	0.025	0.026	0.026	0.027	0.027	0.028	0.028	0.029
0.024	0.025	0.026	0.027	0.028	0.028	0.029	0.029	0.030	0.030	0.030	0.031
0.027	0.028	0.029	0.030	0.031	0.031	0.031	0.032	0.032	0.033	0.033	0.033
0.030	0.031	0.032	0.033	0.034	0.034	0.034	0.035	0.035	0.035	0.036	0.036
0.034	0.035	0.036	0.036	0.037	0.037	0.038	0.038	0.038	0.038	0.038	0.038
0.038	0.039	0.040	0.040	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041
0.033	0.035	0.037	0.040	0.042	0.043	0.044	0.045	0.046	0.047	0.048	0.048
0.029	0.032	0.035	0.039	0.043	0.045	0.047	0.049	0.051	0.053	0.055	0.057
0.025	0.029	0.034	0.039	0.045	0.047	0.050	0.053	0.056	0.059	0.063	0.066
0.022	0.026	0.032	0.038	0.046	0.049	0.053	0.057	0.062	0.067	0.072	0.078
0.022	0.026	0.032	0.038	0.046	0.049	0.053	0.057	0.062	0.067	0.072	0.078
0.013	0.016	0.019	0.023	0.028	0.030	0.032	0.035	0.038	0.041	0.044	0.048
0.022	0.026	0.031	0.037	0.045	0.048	0.052	0.056	0.060	0.064	0.069	0.074
0.015	0.019	0.022	0.027	0.032	0.035	0.038	0.041	0.044	0.047	0.051	0.055
0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011
0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013

0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024
0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013
0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
0.022	0.023	0.023	0.023	0.023	0.025	0.027	0.030	0.033	0.036	0.040	0.044
0.022	0.021	0.020	0.019	0.018	0.020	0.022	0.024	0.026	0.028	0.031	0.033
0.024	0.024	0.024	0.023	0.023	0.026	0.028	0.031	0.035	0.039	0.043	0.047
0.034	0.034	0.035	0.036	0.037	0.036	0.034	0.033	0.032	0.031	0.030	0.029
0.025	0.026	0.027	0.029	0.030	0.029	0.029	0.028	0.027	0.027	0.026	0.026
0.027	0.027	0.026	0.025	0.025	0.028	0.032	0.037	0.042	0.048	0.055	0.063
0.029	0.031	0.032	0.034	0.036	0.037	0.038	0.040	0.041	0.042	0.044	0.045
0.035	0.034	0.033	0.032	0.031	0.034	0.036	0.039	0.042	0.046	0.049	0.053
0.061	0.062	0.064	0.065	0.067	0.068	0.069	0.070	0.071	0.072	0.073	0.074
0.056	0.056	0.055	0.055	0.054	0.059	0.064	0.069	0.075	0.081	0.088	0.096
0.052	0.056	0.061	0.065	0.070	0.072	0.073	0.075	0.076	0.078	0.080	0.081
0.056	0.057	0.058	0.059	0.060	0.061	0.062	0.062	0.063	0.064	0.064	0.065
0.045	0.048	0.051	0.054	0.058	0.060	0.062	0.064	0.066	0.069	0.071	0.074
0.048	0.051	0.055	0.059	0.064	0.067	0.070	0.074	0.078	0.082	0.086	0.091
0.032	0.035	0.038	0.042	0.046	0.050	0.055	0.060	0.066	0.072	0.079	0.086
0.035	0.038	0.041	0.044	0.048	0.054	0.060	0.067	0.076	0.085	0.095	0.107
0.065	0.070	0.076	0.081	0.088	0.094	0.101	0.108	0.115	0.123	0.132	0.141
0.077	0.083	0.089	0.095	0.102	0.111	0.120	0.131	0.142	0.154	0.167	0.181
0.080	0.089	0.099	0.109	0.121	0.129	0.137	0.146	0.155	0.165	0.175	0.187
0.073	0.080	0.087	0.094	0.103	0.103	0.103	0.104	0.104	0.104	0.105	0.105
0.062	0.068	0.076	0.084	0.094	0.091	0.089	0.087	0.085	0.082	0.080	0.078

Table B-18:	Estimated	Rate of Female	Unemplo	vment by Age
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Year	15	16	17	18	19	20	21	22	23	24	25	26
1947	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.013	0.012	0.011	0.009	0.008
1948	0.014	0.013	0.013	0.013	0.013	0.012	0.012	0.012	0.011	0.009	0.008	0.007
1949	0.013	0.013	0.012	0.012	0.012	0.011	0.011	0.011	0.010	0.008	0.008	0.007
1950	0.013	0.012	0.012	0.011	0.011	0.010	0.010	0.010	0.009	0.008	0.007	0.006
1951	0.013	0.012	0.011	0.011	0.010	0.010	0.009	0.009	0.008	0.007	0.006	0.005
1952	0.012	0.011	0.011	0.010	0.009	0.009	0.008	0.008	0.007	0.006	0.005	0.005
1953	0.012	0.011	0.010	0.009	0.009	0.008	0.007	0.007	0.006	0.005	0.005	0.004
1954	0.016	0.015	0.013	0.012	0.011	0.010	0.010	0.009	0.008	0.007	0.006	0.005
1955	0.019	0.017	0.016	0.015	0.013	0.012	0.011	0.011	0.009	0.008	0.007	0.006
1956	0.022	0.020	0.019	0.017	0.016	0.015	0.014	0.013	0.011	0.010	0.008	0.007
1957	0.026	0.024	0.022	0.021	0.019	0.018	0.016	0.015	0.013	0.012	0.010	0.009
1958	0.030	0.028	0.026	0.024	0.023	0.021	0.020	0.018	0.016	0.014	0.012	0.011
1959	0.035	0.033	0.031	0.029	0.027	0.025	0.023	0.022	0.019	0.017	0.015	0.013
1960	0.041	0.039	0.036	0.034	0.032	0.030	0.028	0.026	0.023	0.020	0.017	0.015
1961	0.046	0.042	0.038	0.035	0.032	0.029	0.026	0.024	0.021	0.018	0.016	0.014
1962	0.043	0.038	0.033	0.029	0.026	0.023	0.020	0.017	0.015	0.013	0.011	0.009
1963	0.041	0.035	0.029	0.025	0.021	0.017	0.015	0.012	0.010	0.009	0.007	0.006
1964	0.039	0.031	0.025	0.021	0.017	0.014	0.011	0.009	0.007	0.006	0.005	0.004
1965	0.037	0.029	0.022	0.017	0.013	0.010	0.008	0.006	0.005	0.004	0.003	0.003
1966	0.046	0.043	0.040	0.037	0.034	0.032	0.030	0.027	0.027	0.027	0.026	0.026
1967	0.038	0.037	0.036	0.035	0.034	0.033	0.032	0.031	0.031	0.032	0.032	0.033
1968	0.045	0.042	0.039	0.036	0.033	0.031	0.028	0.026	0.028	0.029	0.031	0.033
1969	0.038	0.037	0.035	0.034	0.033	0.032	0.031	0.030	0.031	0.032	0.033	0.034
1970	0.046	0.041	0.037	0.033	0.029	0.026	0.023	0.021	0.021	0.021	0.021	0.021
1971	0.051	0.046	0.042	0.038	0.035	0.032	0.029	0.026	0.027	0.027	0.028	0.028
1972	0.070	0.064	0.059	0.054	0.049	0.045	0.041	0.037	0.038	0.038	0.039	0.040

1973	0.063	0.056	0.049	0.043	0.038	0.033	0.029	0.026	0.025	0.025	0.025	0.024
1974	0.087	0.077	0.068	0.060	0.053	0.046	0.041	0.036	0.036	0.036	0.036	0.036
1975	0.205	0.175	0.150	0.128	0.110	0.094	0.081	0.069	0.066	0.063	0.061	0.058
1976	0.230	0.191	0.159	0.132	0.110	0.091	0.076	0.063	0.061	0.058	0.056	0.054
1977	0.295	0.245	0.203	0.169	0.140	0.116	0.096	0.080	0.074	0.068	0.063	0.058
1978	0.218	0.194	0.172	0.153	0.136	0.121	0.108	0.096	0.088	0.081	0.075	0.069
1979	0.296	0.246	0.204	0.169	0.140	0.116	0.096	0.080	0.077	0.074	0.071	0.068
1980	0.251	0.217	0.188	0.162	0.140	0.121	0.105	0.091	0.083	0.076	0.069	0.063
1981	0.223	0.195	0.170	0.149	0.130	0,114	0.099	0.087	0.081	0.076	0.072	0.067
1982	0.222	0.194	0.170	0.149	0.131	0.114	0.100	0.088	0.084	0.080	0.076	0.072
1983	0.289	0.254	0.222	0.195	0.171	0.150	0.131	0.115	0.111	0.106	0.103	0.099
1984	0.256	0.224	0.197	0.173	0.152	0.133	0.117	0.103	0.095	0.089	0.082	0.076
1985	0.209	0.189	0.171	0.155	0.141	0.127	0.115	0.104	0.098	0.092	0.086	0.080
1986	0.256	0.223	0.195	0.170	0.148	0.129	0.113	0.098	0.094	0.089	0.084	0.080
1987	0.247	0.219	0.194	0.171	0.152	0.134	0.119	0.105	0.098	0.092	0.086	0.080
1988	0.186	0.172	0.159	0.148	0.137	0.127	0.117	0.109	0.098	0.089	0.080	0.072
1989	0.186	0.165	0.146	0.129	0.114	0.101	0.090	0.079	0.075	0.070	0.066	0.062
1990	0.204	0.183	0.165	0.148	0.133	0.119	0.107	0.096	0.091	0.085	0.080	0.076
1991	0.242	0.221	0.202	0.185	0.169	0.154	0.141	0.129	0.117	0.105	0.095	0.086
1992	0.314	0.279	0.248	0.220	0.195	0.174	0.154	0.137	0.125	0.114	0.104	0.094
1993	0.268	0.243	0.221	0.201	0.182	0.166	0.151	0.137	0.126	0.116	0.107	0.099
1994	0.270	0.240	0.215	0.191	0.171	0.152	0.136	0.121	0.111	0.101	0.092	0.084
1995	0.249	0.217	0.189	0.165	0.144	0.126	0.110	0.096	0.089	0.082	0.076	0.071
27	28	29	30	31	32	33	34	35	36	37	38	39
0.007	0.007	0.006	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.004
0.007	0.006	0.006	0.005	0.005	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004
0.006	0.006	0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
0.005	0.005	0.005	0.004	0.004	0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003
0.005	0.005	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
0.004	0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
0.004	0.004	0.003	0.003	0.003	0.003	0.003		0.000	0.003		An all the second	0.002
0.004	0.004						0.003	0.003		0.003	0.002	
0.005		0.004	0.004	0.004	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
	0.005	0.005	0.004	0.004 0.004	0.003 0.004	0.003 0.004	0.003 0.004	0.003 0.004	0.003 0.004	0.003 0.004	0.003 0.004	0.003 0.004
0.006	0.005 0.006	0.005	0.004 0.005	0.004 0.004 0.005	0.003 0.004 0.005	0.003 0.004 0.005	0.003 0.004 0.005	0.003 0.004 0.005	0.003 0.004 0.004	0.003 0.004 0.004	0.003 0.004 0.004	0.003 0.004 0.004
0.008	0.005 0.006 0.007	0.005 0.006 0.007	0.004 0.005 0.006	0.004 0.004 0.005 0.006	0.003 0.004 0.005 0.006	0.003 0.004 0.005 0.005	0.003 0.004 0.005 0.005	0.003 0.004 0.005 0.005	0.003 0.004 0.004 0.005	0.003 0.004 0.004 0.005	0.003 0.004 0.004 0.005	0.003 0.004 0.004 0.005
0.008	0.005 0.006 0.007 0.009	0.005 0.006 0.007 0.008	0.004 0.005 0.006 0.007	0.004 0.004 0.005 0.006 0.007	0.003 0.004 0.005 0.006 0.007	0.003 0.004 0.005 0.005 0.006	0.003 0.004 0.005 0.005 0.006	0.003 0.004 0.005 0.005 0.006	0.003 0.004 0.004 0.005 0.006	0.003 0.004 0.004 0.005 0.006	0.003 0.004 0.004 0.005 0.006	0.003 0.004 0.004 0.005 0.006
0.008 0.009 0.011	0.005 0.006 0.007 0.009 0.010	0.005 0.006 0.007 0.008 0.010	0.004 0.005 0.006 0.007 0.009	0.004 0.005 0.006 0.007 0.008	0.003 0.004 0.005 0.006 0.007 0.008	0.003 0.004 0.005 0.005 0.006 0.008	0.003 0.004 0.005 0.005 0.006 0.008	0.003 0.004 0.005 0.005 0.006 0.007	0.003 0.004 0.004 0.005 0.006 0.007	0.003 0.004 0.004 0.005 0.006 0.007	0.003 0.004 0.004 0.005 0.006 0.007	0.003 0.004 0.004 0.005 0.006 0.007
0.008 0.009 0.011 0.013	0.005 0.006 0.007 0.009 0.010 0.012	0.005 0.006 0.007 0.008 0.010 0.011	0.004 0.005 0.006 0.007 0.009 0.011	0.004 0.004 0.005 0.006 0.007 0.008 0.010	0.003 0.004 0.005 0.006 0.007 0.008 0.009	0.003 0.004 0.005 0.005 0.006 0.008	0.003 0.004 0.005 0.005 0.006 0.008	0.003 0.004 0.005 0.005 0.006 0.007 0.009	0.003 0.004 0.004 0.005 0.006 0.007 0.009	0.003 0.004 0.004 0.005 0.006 0.007 0.009	0.003 0.004 0.004 0.005 0.006 0.007 0.009	0.003 0.004 0.004 0.005 0.006 0.007 0.008
0.008 0.009 0.011 0.013 0.012	0.005 0.006 0.007 0.009 0.010 0.012 0.012	0.005 0.006 0.007 0.008 0.010 0.011	0.004 0.005 0.006 0.007 0.009 0.011 0.010	0.004 0.005 0.006 0.007 0.008 0.010 0.009	0.003 0.004 0.005 0.006 0.007 0.008 0.009	0.003 0.004 0.005 0.005 0.006 0.008 0.009	0.003 0.004 0.005 0.005 0.006 0.008 0.009	0.003 0.004 0.005 0.005 0.006 0.007 0.009	0.003 0.004 0.004 0.005 0.006 0.007 0.009	0.003 0.004 0.004 0.005 0.006 0.007 0.009	0.003 0.004 0.004 0.005 0.006 0.007 0.009	0.003 0.004 0.004 0.005 0.006 0.007 0.008 0.009
0.008 0.009 0.011 0.013 0.012 0.008	0.005 0.006 0.007 0.009 0.010 0.012 0.012	0.005 0.006 0.007 0.008 0.010 0.011 0.011	0.004 0.005 0.006 0.007 0.009 0.011 0.010 0.007	0.004 0.005 0.006 0.007 0.008 0.010 0.009	0.003 0.004 0.005 0.006 0.007 0.008 0.009 0.009	0.003 0.004 0.005 0.005 0.006 0.008 0.009 0.009	0.003 0.004 0.005 0.005 0.006 0.009 0.009	0.003 0.004 0.005 0.005 0.006 0.007 0.009 0.009	0.003 0.004 0.005 0.006 0.007 0.009 0.009	0.003 0.004 0.005 0.006 0.007 0.009 0.009	0.003 0.004 0.005 0.006 0.007 0.009 0.009	0.003 0.004 0.005 0.006 0.007 0.008 0.009 0.006
0.008 0.009 0.011 0.013 0.012 0.008 0.005	0.005 0.006 0.007 0.009 0.010 0.012 0.012 0.007 0.005	0.005 0.006 0.007 0.008 0.010 0.011 0.011 0.007 0.005	0.004 0.005 0.006 0.007 0.009 0.011 0.010 0.007	0.004 0.005 0.006 0.007 0.008 0.010 0.009 0.006	0.003 0.004 0.005 0.006 0.007 0.008 0.009 0.009 0.006	0.003 0.004 0.005 0.005 0.006 0.008 0.009 0.006 0.004	0.003 0.004 0.005 0.005 0.006 0.008 0.009 0.009	0.003 0.004 0.005 0.005 0.006 0.007 0.009 0.009 0.006	0.003 0.004 0.005 0.006 0.007 0.009 0.009 0.006 0.004	0.003 0.004 0.005 0.006 0.007 0.009 0.009 0.006 0.005	0.003 0.004 0.005 0.006 0.007 0.009 0.009 0.006 0.005	0.003 0.004 0.005 0.006 0.007 0.008 0.009 0.006 0.005
0.008 0.009 0.011 0.013 0.012 0.008 0.005 0.003	0.005 0.006 0.007 0.009 0.010 0.012 0.007 0.005 0.003	0.005 0.006 0.007 0.008 0.010 0.011 0.007 0.005 0.003	0.004 0.005 0.006 0.007 0.009 0.011 0.010 0.007 0.004 0.003	0.004 0.005 0.006 0.007 0.008 0.010 0.009 0.006 0.004 0.003	0.003 0.004 0.005 0.006 0.007 0.008 0.009 0.009 0.006 0.004 0.003	0.003 0.004 0.005 0.005 0.006 0.008 0.009 0.006 0.004 0.003	0.003 0.004 0.005 0.005 0.006 0.008 0.009 0.009 0.006 0.004 0.003	0.003 0.004 0.005 0.005 0.006 0.007 0.009 0.006 0.004 0.003	0.003 0.004 0.005 0.006 0.007 0.009 0.009 0.006 0.004 0.003	0.003 0.004 0.005 0.006 0.007 0.009 0.009 0.006 0.005 0.003	0.003 0.004 0.005 0.006 0.007 0.009 0.009 0.006 0.005 0.003	0.003 0.004 0.005 0.006 0.007 0.008 0.009 0.006 0.005 0.003
0.008 0.009 0.011 0.013 0.012 0.008 0.005 0.003	0.005 0.006 0.007 0.009 0.010 0.012 0.0012 0.007 0.005 0.003	0.005 0.006 0.007 0.008 0.010 0.011 0.001 0.005 0.003 0.002	0.004 0.005 0.006 0.007 0.009 0.011 0.010 0.007 0.004 0.003 0.002	0.004 0.005 0.006 0.007 0.008 0.010 0.009 0.006 0.004 0.003	0.003 0.004 0.005 0.006 0.007 0.008 0.009 0.009 0.006 0.004 0.003 0.002	0.003 0.004 0.005 0.006 0.008 0.009 0.009 0.006 0.004 0.003 0.002	0.003 0.004 0.005 0.006 0.008 0.009 0.009 0.006 0.004 0.003	0.003 0.004 0.005 0.005 0.006 0.007 0.009 0.009 0.004 0.003 0.002	0.003 0.004 0.005 0.006 0.007 0.009 0.009 0.004 0.003 0.002	0.003 0.004 0.005 0.006 0.007 0.009 0.009 0.005 0.003 0.002	0.003 0.004 0.005 0.006 0.007 0.009 0.009 0.005 0.003 0.002	0.003 0.004 0.005 0.006 0.007 0.008 0.009 0.006 0.005 0.003
0.008 0.009 0.011 0.013 0.012 0.008 0.005 0.003 0.002 0.025	0.005 0.006 0.007 0.009 0.010 0.012 0.007 0.005 0.003 0.002 0.025	0.005 0.006 0.007 0.008 0.010 0.011 0.007 0.005 0.003 0.002 0.025	0.004 0.005 0.006 0.007 0.009 0.011 0.010 0.007 0.004 0.003 0.002	0.004 0.005 0.006 0.007 0.008 0.010 0.009 0.006 0.004 0.003 0.002 0.002	0.003 0.004 0.005 0.006 0.007 0.008 0.009 0.009 0.006 0.004 0.003 0.002 0.025	0.003 0.004 0.005 0.006 0.008 0.009 0.009 0.006 0.004 0.003 0.002 0.030	0.003 0.004 0.005 0.005 0.008 0.009 0.009 0.004 0.003 0.002 0.035	0.003 0.004 0.005 0.006 0.007 0.009 0.009 0.004 0.003 0.002 0.041	0.003 0.004 0.005 0.006 0.007 0.009 0.009 0.004 0.003 0.002 0.048	0.003 0.004 0.005 0.006 0.007 0.009 0.009 0.005 0.003 0.002 0.056	0.003 0.004 0.005 0.006 0.007 0.009 0.009 0.005 0.003 0.002 0.056	0.003 0.004 0.005 0.006 0.007 0.008 0.009 0.006 0.005 0.003 0.002 0.056
0.008 0.009 0.011 0.013 0.012 0.008 0.005 0.003 0.002 0.025 0.033	0.005 0.006 0.007 0.009 0.010 0.012 0.007 0.005 0.003 0.002 0.025 0.033	0.005 0.006 0.007 0.008 0.010 0.011 0.007 0.005 0.003 0.002 0.025 0.033	0.004 0.005 0.006 0.007 0.009 0.011 0.010 0.007 0.004 0.003 0.002 0.025 0.033	0.004 0.005 0.006 0.007 0.008 0.010 0.009 0.006 0.004 0.003 0.002 0.025 0.033	0.003 0.004 0.005 0.006 0.007 0.008 0.009 0.009 0.006 0.004 0.003 0.002 0.025 0.033	0.003 0.004 0.005 0.005 0.006 0.009 0.006 0.004 0.003 0.002 0.030 0.032	0.003 0.004 0.005 0.005 0.006 0.009 0.009 0.004 0.003 0.002 0.035 0.031	0.003 0.004 0.005 0.005 0.006 0.007 0.009 0.009 0.004 0.003 0.002 0.041 0.029	0.003 0.004 0.005 0.006 0.007 0.009 0.009 0.004 0.003 0.002 0.048 0.028	0.003 0.004 0.005 0.006 0.007 0.009 0.009 0.005 0.003 0.002 0.056 0.027	0.003 0.004 0.005 0.006 0.007 0.009 0.006 0.005 0.003 0.002 0.056 0.027	0.003 0.004 0.005 0.006 0.007 0.008 0.009 0.006 0.005 0.003 0.002 0.056 0.027
0.008 0.009 0.011 0.013 0.012 0.008 0.005 0.003 0.002 0.033 0.035	0.005 0.006 0.007 0.009 0.010 0.012 0.007 0.005 0.003 0.002 0.025 0.033 0.035	0.005 0.006 0.007 0.008 0.010 0.011 0.007 0.005 0.003 0.002 0.025 0.033 0.035	0.004 0.005 0.006 0.007 0.009 0.011 0.010 0.007 0.004 0.003 0.002 0.025 0.033 0.035	0.004 0.005 0.006 0.007 0.008 0.010 0.009 0.006 0.004 0.003 0.002 0.025 0.033 0.035	0.003 0.004 0.005 0.006 0.007 0.008 0.009 0.006 0.004 0.003 0.002 0.025 0.033 0.035	0.003 0.004 0.005 0.006 0.008 0.009 0.006 0.004 0.003 0.002 0.030 0.032	0.003 0.004 0.005 0.005 0.006 0.009 0.009 0.004 0.003 0.002 0.035 0.031	0.003 0.004 0.005 0.006 0.007 0.009 0.009 0.004 0.003 0.002 0.041 0.029 0.028	0.003 0.004 0.005 0.006 0.007 0.009 0.009 0.004 0.003 0.002 0.048 0.028 0.026	0.003 0.004 0.005 0.006 0.007 0.009 0.006 0.005 0.003 0.002 0.056 0.027	0.003 0.004 0.005 0.006 0.007 0.009 0.006 0.005 0.003 0.002 0.056 0.027 0.024	0.003 0.004 0.005 0.006 0.007 0.008 0.009 0.006 0.005 0.003 0.002 0.056 0.027 0.024
0.008 0.009 0.011 0.013 0.012 0.008 0.005 0.003 0.002 0.033 0.035	0.005 0.006 0.007 0.009 0.012 0.012 0.007 0.005 0.003 0.002 0.025 0.033 0.035	0.005 0.006 0.007 0.008 0.010 0.011 0.007 0.005 0.003 0.002 0.025 0.033 0.035 0.035	0.004 0.005 0.006 0.007 0.009 0.011 0.000 0.004 0.003 0.002 0.025 0.033 0.035	0.004 0.005 0.006 0.007 0.008 0.010 0.009 0.004 0.003 0.002 0.025 0.033 0.035 0.035	0.003 0.004 0.005 0.006 0.007 0.008 0.009 0.006 0.004 0.003 0.002 0.025 0.033 0.035	0.003 0.004 0.005 0.006 0.008 0.009 0.006 0.004 0.003 0.002 0.030 0.032 0.032	0.003 0.004 0.005 0.005 0.006 0.009 0.009 0.004 0.003 0.002 0.035 0.031 0.030	0.003 0.004 0.005 0.006 0.007 0.009 0.006 0.004 0.003 0.002 0.041 0.029 0.028 0.048	0.003 0.004 0.005 0.006 0.007 0.009 0.006 0.004 0.003 0.002 0.048 0.028 0.026 0.054	0.003 0.004 0.005 0.006 0.007 0.009 0.006 0.005 0.003 0.002 0.056 0.027 0.024 0.059	0.003 0.004 0.005 0.006 0.007 0.009 0.006 0.005 0.003 0.002 0.056 0.027 0.024 0.059	0.003 0.004 0.005 0.006 0.007 0.008 0.009 0.006 0.005 0.003 0.002 0.056 0.027 0.024 0.059
0.008 0.009 0.011 0.013 0.012 0.008 0.005 0.003 0.002 0.035 0.035 0.035	0.005 0.006 0.007 0.009 0.012 0.012 0.007 0.005 0.003 0.002 0.025 0.033 0.035 0.035	0.005 0.006 0.007 0.008 0.010 0.011 0.007 0.005 0.003 0.002 0.025 0.033 0.035 0.035	0.004 0.005 0.006 0.007 0.009 0.011 0.000 0.003 0.002 0.025 0.033 0.035 0.035	0.004 0.005 0.006 0.007 0.008 0.010 0.009 0.006 0.004 0.003 0.002 0.035 0.035 0.035	0.003 0.004 0.005 0.006 0.007 0.008 0.009 0.006 0.004 0.003 0.002 0.025 0.033 0.035 0.035	0.003 0.004 0.005 0.006 0.008 0.009 0.006 0.004 0.003 0.002 0.032 0.032 0.039 0.027	0.003 0.004 0.005 0.006 0.008 0.009 0.009 0.004 0.003 0.002 0.035 0.031 0.030 0.044 0.034	0.003 0.004 0.005 0.006 0.007 0.009 0.006 0.004 0.003 0.002 0.041 0.029 0.028 0.048	0.003 0.004 0.005 0.006 0.007 0.009 0.006 0.004 0.003 0.002 0.048 0.028 0.026 0.054 0.053	0.003 0.004 0.005 0.006 0.007 0.009 0.006 0.005 0.003 0.002 0.056 0.027 0.024 0.059 0.067	0.003 0.004 0.005 0.006 0.007 0.009 0.006 0.005 0.003 0.002 0.056 0.027 0.024 0.059 0.067	0.003 0.004 0.005 0.006 0.007 0.008 0.009 0.006 0.005 0.003 0.002 0.056 0.027 0.024 0.059 0.067
0.008 0.009 0.011 0.013 0.012 0.008 0.005 0.003 0.002 0.035 0.035 0.021 0.029	0.005 0.006 0.007 0.009 0.010 0.012 0.007 0.005 0.003 0.002 0.025 0.033 0.035 0.035	0.005 0.006 0.007 0.008 0.010 0.011 0.007 0.005 0.003 0.002 0.025 0.033 0.035 0.035 0.021	0.004 0.005 0.006 0.007 0.009 0.011 0.007 0.004 0.003 0.002 0.025 0.035 0.035 0.021	0.004 0.005 0.006 0.007 0.008 0.010 0.009 0.006 0.004 0.003 0.002 0.035 0.035 0.035	0.003 0.004 0.005 0.006 0.007 0.008 0.009 0.006 0.004 0.003 0.002 0.025 0.035 0.035 0.021 0.029	0.003 0.004 0.005 0.006 0.008 0.009 0.006 0.004 0.003 0.002 0.032 0.032 0.032 0.032	0.003 0.004 0.005 0.006 0.008 0.009 0.006 0.004 0.003 0.002 0.035 0.031 0.034 0.034	0.003 0.004 0.005 0.006 0.007 0.009 0.006 0.004 0.003 0.002 0.041 0.029 0.028 0.048 0.042 0.042	0.003 0.004 0.005 0.006 0.007 0.009 0.006 0.004 0.003 0.002 0.048 0.028 0.026 0.054 0.053 0.025	0.003 0.004 0.005 0.006 0.007 0.009 0.006 0.005 0.003 0.002 0.056 0.027 0.024 0.059 0.067 0.025	0.003 0.004 0.005 0.006 0.007 0.009 0.006 0.005 0.003 0.002 0.056 0.027 0.024 0.059 0.067 0.025	0.003 0.004 0.005 0.006 0.007 0.008 0.009 0.006 0.005 0.003 0.002 0.056 0.027 0.024 0.059 0.067
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I DESCRIPTION OF STREET VINETAL VINETA	0.046										1 2 2 2 2 2 2 2 2	11000	

ı	0.045	0.045	0.045	0.045	0.046	0.047	0.047	0.048	0.048	0.048	0.048	0.048	0.048
١	0.042	0.042	0.043	0.043	0.041	0.041	0.041	0.040	0.040	0.040	0.040	0.040	0.040
1	0.042	0.042	0.042	0.041	0.040	0.040	0.039	0.038	0.038	0.038	0.038	0.038	0.038
1	0.043	0.043	0.043	0.041	0.039	0.037	0.036	0.034	0.034	0.034	0.034	0.034	0.034
1	0.044	0.044	0.044	0.041	0.038	0.036	0.033	0.031	0.031	0.031	0.031	0.031	0.031
1	0.048	0.048	0.048	0.045	0.043	0.040	0.038	0.036	0.036	0.036	0.036	0.036	0.036
1	0.068	0.068	0.068	0.063	0.059	0.055	0.051	0.048	0.048	0.048	0.048	0.048	0.048
١	0.056	0.056	0.056	0.054	0.052	0.050	0.048	0.046	0.046	0.046	0.046	0.046	0.046
1	0.053	0.053	0.053	0.051	0.049	0.047	0.046	0.044	0.044	0.044	0.044	0.044	0.044
1	0.060	0.060	0.060	0.057	0.054	0.051	0.048	0.045	0.045	0.045	0.045	0.045	0.045
1	0.061	0.061	0.061	0.058	0.054	0.051	0.048	0.045	0.045	0.045	0.045	0.045	0.045
1	0.048	0.048	0.048	0.046	0.044	0.042	0.040	0.039	0.039	0.039	0.039	0.039	0.039
١	0.038	0.038	0.038	0.039	0.039	0.040	0.040	0.041	0.041	0.041	0.041	0.041	0.041
١	0.047	0.047	0.047	0.045	0.044	0.043	0.041	0.040	0.040	0.040	0.040	0.040	0.040
١	0.055	0.055	0.055	0.056	0.056	0.056	0.056	0.057	0.057	0.057	0.057	0.057	0.057
1	0.065	0.065	0.065	0.063	0.062	0.061	0.059	0.058	0.058	0.058	0.058	0.058	0.058
1	0.076	0.076	0.076	0.074	0.071	0.069	0.067	0.065	0.065	0.065	0.065	0.065	0.065
1	0.067	0.067	0.067	0.066	0.064	0.063	0.062	0.060	0.060	0.060	0.060	0.060	0.060
Į	0.062	0.062	0.062	0.057	0.053	0.050	0.046	0.043	0.043	0.043	0.043	0.043	0.043
	53	54	55	56	57	58	59	60	61	62	63	64	
	0.004	0.004	0.004	0.004	0.004	0.003	0.002	0.001	0.001	0.001	0.000	0.000	
	0.004 0.003	0.004 0.004	0.004 0.004	0.004 0.004	0.004 0.004	0.003 0.002	0.002 0.002	0.001	0.001	0.001 0.001	0.000	0.000	
	0.004 0.003 0.003	0.004 0.004 0.003	0.004 0.004 0.003	0.004 0.004 0.003	0.004 0.004 0.003	0.003 0.002 0.002	0.002 0.002 0.002	0.001 0.001 0.001	0.001 0.001 0.001	0.001 0.001 0.000	0.000 0.000 0.000	0.000 0.000 0.000	
	0.004 0.003 0.003 0.003	0.004 0.004 0.003 0.003	0.004 0.004 0.003 0.003	0.004 0.004 0.003 0.003	0.004 0.004 0.003 0.003	0.003 0.002 0.002 0.002	0.002 0.002 0.002 0.001	0.001 0.001 0.001 0.001	0.001 0.001 0.001 0.001	0.001 0.001 0.000 0.000	0.000 0.000 0.000 0.000	0.000 0.000 0.000 0.000	
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	0.036	0.036	0.037	0.037	0.037	0.026	0.018	0.013	0.009	0.006	0.004	0.003
1	0.044	0.042	0.039	0.036	0.034	0.029	0.024	0.020	0.017	0.014	0.012	0.010
1	0.044	0.042	0.040	0.038	0.037	0.029	0.024	0.019	0.015	0.012	0.010	0.008
1	0.042	0.040	0.039	0.037	0.036	0.028	0.021	0.016	0.013	0.010	0.008	0,006
1	0.044	0.044	0.043	0.042	0.041	0.034	0.028	0.023	0.018	0.015	0.012	0.010
1	0.042	0.039	0.036	0.033	0.031	0.018	0.010	0.006	0.004	0.002	0.001	0.001
1	0.036	0.033	0.031	0.029	0.026	0.028	0.030	0.032	0.034	0.036	0.038	0.040
1	0.037	0.034	0.032	0.029	0.027	0.027	0.026	0.026	0.026	0.026	0.026	0,026
1	0.040	0.040	0.040	0.040	0.041	0.031	0.023	0.017	0.013	0.010	0.008	0.006
ı	0.057	0.057	0.057	0.057	0.057	0.045	0.036	0.029	0.023	0.019	0.015	0.012
1	0.052	0.047	0.042	0.038	0.034	0.024	0.018	0.013	0.009	0.007	0.005	0.003
1	0.065	0.065	0.065	0.065	0.065	0.056	0.047	0.040	0.034	0.029	0.024	0.021
1	0.059	0.057	0.055	0.054	0.052	0.048	0.044	0.040	0.037	0.034	0.031	0.028
L	0.044	0.045	0.045	0.046	0.047	0.036	0.027	0.021	0.016	0.012	0.009	0.007

Table B-19: Weekly Earnings of Full-time Male Workers (median earnings, \$)

1 4014 20 1	Ti County	Water annual					0 1 1	
Year	15~19	20~24	25~29	30~34	35~39	40~44	45~49	50~54
1975	80	128	151	*	152	*	146	*
1976	90	145	1 7 3	*	173	*	166	*
1977	101	158	191	*	193	*	183	*
1978	106	172	203	212	214		201	200
1979	113	181	214	230	231	224	218	215
1980	123	203	245	*	255	*	238	*
1981	136	223	271	*	290	*	264	*
1982	1.57	255	311	*	327	*	309	*
1983	164	263	327	*	350		328	*
1984	174	285	350		380		354	*
1985	184	308	377	*	408		385	*
1986	194	321	391	*	440		409	*
1987	205	341	426		464		447	*
1988	212				500		470	*
1989	234	390	488		538		509	*
1990	246				515		531	*
1991	256	417	528		577		549	*
1992	266	426	<i>5</i> 35	*	591	*	582	*
1993	263	441	559	*	632	*	617	*

Year	55~59	60~64	65~	Total
1975	142	132	128	139
1976	158	151	142	159
1977	174	167	157	175
1978	193	184	166	193
1979	206	199	181	205
1980	225	213	*	225
1981	257	242	*	252
1982	296	284	*	293
1983	315	300	*	309
1984	335	315	*	334
1985	362	335	*	358

1986	384	358	*	382
1987	408	380	*	407
1988	424	396	*	431
1989	457	434	*	468
1990	483	464	*	495
1991	498	467	*	512
1992	519	481	*	526
1993	555	492	*	552

Source: Australian Bureau of Statistics, Weekly Earnings of Employees, Australia, Various Years.

Table B-20: Weekly Earnings of Full-time Male Workers (mean earnings, \$)

I dok D-2	o. Weeking	Lat Innigo	OI I GH G	MIC IVICIO	WOINCES	AARDONAL COLL	arrago, 4)	
Year	15~19	20~24	25~29	30~34	35~39	40~44	45~49	50~54
1975	85	135	164	*	170	*	165	*
1976	93	152	187	*	193	*	190	*
1977	106	166	205	*	215	*	209	*
1978	113	183	217	232	239	232	228	224
1979	123	193	229	250	257	253	245	244
1980	134	215	266	*	282	*	271	*
1981	149	239	293	*	314	*	298	*
1982	169	275	337	*	365	*	348	*
1983	177	283	356	*	382	*	368	*
1984	191	305	384	*	412	*	402	*
1985	200	327	408	*	447	*	440	*
1986	209	343	431	*	479	*	463	*
1987	221	368	459	*	500	*	494	*
1988	233	385	488	*	542	*	524	*
1989	253	421	536	*	595	*	569	*
1990	271	438	55 9	*	614	*	595	*
1991	276	439	581	*	641	*	633	*
1992	283	447	584	*	663	*	657	*
1993	283	467	618	*	700	*	717	*

Year	55~59	60~64	65~	Total
1975	159	145	126	152
1976	177	168	166	174
1977	197	182	182	192
1978	221	209	200	210
1979	238	220	200	210
1980	257	238	*	249
1981	295	270	*	277
1982	341	312	*	322
1983	364	341	*	341
1984	383	352	*	367
1985	411	372	*	395
1986	438	408	*	419
1987	466	434	*	440
1988	475	458	*	476
1989	522	492	*	519
1990	560	521	*	545
1991	565	515	*	570
1992	610	572	*	590
1993	637	563	*	626

Source: Australian Bureau of Statistics, Weekly Earnings of Employees, Australia, Various Years.

Table B-21: Weekly Earnings of Full-time Female Workers (median earnings, \$)

Lable D-2	T. VICCERTY	TANK HITTIES	OI I WILL			Canada and and a	Contract No.	*/
Year	15~19	20~24	25~29	30~34	35~39	40~44	45~49	50~54
1975	75	114	122	*	113	*	113	*
1976	85	131	142	*	131	*	128	*
1977	95	147	158	*	149	*	145	*
1978	101	158	176	173	162	159	161	160
1979	108	166	189	1 7 9	174	171	170	168
1980	117	184	209	*	198	*	190	*
1981	131	205	232	*	217	*	213	*
1982	146	229	260	*	251	*	238	*
1983	152	241	280	*	272	*	263	*
1984	166	261	303	*	292	*	286	*
1985	178	279	321	*	307	*	300	*
1986	188	295	351	*	335	*	317	*
1987	196	310	376	*	359	*	345	*
1988	209	329	397	*	378	*	366	*
1989	228	355	431	*	414	*	398	*
1990	238	37 9	455	*	442	*	420	*
1991	258	394	475	*	464	*	451	*
1992	262	405	493	*	490	*	471	*
1993	268	424	517	*	519	*	488	*

Year	55~59	60~64	65~	Total
1975	118	*	110	109
1976	133	*	126	128
1977	142	*	136	142
1978	157	*	154	155
1979	175	*	173	165
1980	184	179	*	183
1981	218	210	*	206
1982	245	238	*	232
1983	259	236	*	250
1984	275	285	*	270
1985	298	281	*	288
1986	328	308	*	310
1987	345	346	*	332
1988	352	374	*	35 0
1989	385	376	*	381
1990	395	393	*	405
1991	413	441	*	430
1992	439	453	*	451
1993	466	492	*	479

Source: Australian Bureau of Statistics, Weekly Earnings of Employees, Australia, Various Years.

Table B-22: Weekly Earnings of Full-time Female Workers (mean earnings, \$)

	Year	15~19	20~24	25~29	30~34	35~39	40~44	45~49	50~54
I	1975	78	118	128	*	121	*	120	*
1	1976	87	136	150	*	143	*	136	*
١	1977	98	151	168	*	159	*	152	*
١	1978	107	166	187	183	173	173	173	174
١	1979	113	174	201	196	182	185	187	181
١	1980	122	190	223	*	217	*	203	*

1981	140	213	247	*	240	*	231	*
1982	154	237	280	*	270	*	257	*
1983	166	253	304	*	293	*	289	*
1984	175	271	325	*	315	*	304	*
1985	187	289	344	*	338	*	321	*
1986	198	309	378	*	366	*	350	*
1987	206	322	395	*	391	*	382	*
1988	217	349	422	*	413	*	397	*
1989	239	375	457	*	444	*	429	*
1990	249	393	476	*	478	*	444	*
1991	265	409	497	*	503	*	481	*
1992	270	421	521	*	529	*	507	*
1993	277	439	546	*	556	*	524	*

Year	55~59	60~64	65~	Total
1975	124	*	120	113
1976	140	*	133	131
1977	151	*	133	147
1978	171	*	164	162
1979	188	*	186	174
1980	204	189	*	193
1981	231	216	*	218
1982	262	255	*	245
1983	284	245	*	267
1984	299	278	*	286
1985	329	289	*	305
1986	341	321	*	332
1987	378	368	*	355
1988	388	414	*	377
1989	413	399	*	409
1990	428	419	*	432
1991	460	482	*	461
1992	476	478	*	486
1993	493	551	*	510

Source: Australian Bureau of Statistics, Weekly Earnings of Employees, Australia, Various Years.

Table B-23: Total Average Weekly Earnings (\$), 1946 to 1974

Year	Male	Female		
1946	12.85	6.28		
1947	13.36	6.69		
1948	15.02	7.82		
1949	17.02	8.90		
1950	18.60	9.89		
1951	22.21	12.15		
1952	27.50	15.18		
1953	30.19	16.51		
1954	31.59	17.45		
1955	32.97	18.07		
1956	35.18	19.45		
1957	38.37	21.25		
1958	39.55	21.89		
1959	40.70	22.40		
1960	43.90	24.10		

1961	46.00	25.30
1962	47.20	26.00
1963	48.40	26.60
1964	50.90	28.00
1965	54.60	30.00
1966	57.00	31.40
1967	61.90	32.50
1968	65.50	34.39
1969	70.40	37.00
1970	76.30	40.10
1971	84.80	45.40
1972	93.00	51.20
1973	101.50	57.80
1974	118.30	73.10

Source: Wray Vamplew (ed.), Australians: Historical Statistics, p. 157.

Table B-24: Estimated Yearly Earnings of Male Workers by Age (\$)

Year	15	16	17	18	19	20	21	22	23	24
1947	332	364	399	438	481	527	578	634	659	686
1948	373	409	449	492	540	592	650	713	741	770
1949	423	464	509	558	612	671	736	808	840	873
1950	462	507	556	610	669	734	805	883	918	954
1951	552	605	664	728	799	876	961	1,054	1,096	1,139
1952	683	749	822	902	989	1,085	1,190	1,305	1,357	1,411
1953	750	823	902	990	1,086	1,191	1,306	1,433	1,490	1,549
1954	785	861	944	1,036	1,136	1,246	1,367	1,500	1,559	1,621
1955	819	898	985	1,081	1,186	1,301	1,427	1,565	1,627	1,692
1956	874	958	1,051	1,153	1,265	1,388	1,522	1,670	1,736	1,805
1957	953	1,045	1,147	1,258	1,380	1,514	1,660	1,821	1,894	1,969
1958	982	1,077	1,182	1,296	1,422	1,560	1,711	1,877	1,952	2,029
1959	1,011	1,109	1,216		1,464	1,606	1,761	1,932	2,009	2,088
1960	1,090	1,196	1,312	70.000000000000000000000000000000000000	1,579	1,732	1,900	2,084	2,166	2,252
1961	1,143	1,253	1,375		1,654	1,815	1,991	2,183	2,270	2,360
1962	1,172	1,286	1,411	1,547	1,697	1,862	2,042	2,240	2,329	2,422
1963	1,202	1,319	1,446		1,741	1,909	2,094	2,297	2,389	2,483
1964	1,264	1,387	1,521	1,669	1,830	2,008	2,203	2,416	2,512	2,612
1965	1,356	1,488	1,632	1,790	1,964	2,154	2,363	2,592	2,695	2,801
1966	1,416	1,553		1,869	2,050	2,249	2,466	2,706	2,813	2,925
1967	1,537	1,686			2,226	2,442	2,679	2,938	3,055	3,176
1968	1,627	1,785			2,355	2,584	2,834	3,109	3,232	3,361
1969	1,749	1,918		2,308	2,532	2,777	3,046	3,342	3,474	3,612
1970	1,895	2,079		2,501	2,744	3,010	3,302	3,622	3,765	3,915
1971	2,106		2,534	2,780	3,050	3,345	3,669	4,025	4,185	4,351
1972	2,310	2,534		3,049	3,344	3,669	4,024	4,414	4,590	4,772
1973	2,521	2,765		3,328	3,650	4,004	4,392	4,818	5,009	5,208
1974	2,938	3,223	3,536	3,878	4,254	4,667	5,119	5,615	5,838	6,070
1975	3,683	4,040	4,432		5,333	5,850	6,417	7,039	7,319	7,609
1976	3,984	4,395			5,902	6,512	7,184	7,926	8,261	8,611
1977	4,619	5,053	1.00	the state of the s	6,613	7,234	7,913	8,656	9,029	9,418
1978	4,859	5,351		A CONTRACTOR OF THE PARTY OF TH	7,145	7,869	8,665	9,542	9,873	10,215
1979	5,356				-0.00	8,404	9,196	10,064	10,414	10,776
1980	5,783	6,357		The second secon		9,279	10,199	11,211	11,698	12,207
1981	6,431	7,069	7,769	8,539	9,386	10,316	11,338	12,462	12,980	13,520

1	1982	7,253	7,995	8,812	9,713	10,707	11,802	13,009	14,339	14,934	15,554	
1	1983	7,650	8,402	9,229	10,137	11,135	12,231	13,434	14,756	15,449	16,175	
١	1984	8,259	9,069	9,959	10,937	12,010	13,188	14,482	15,904	16,653	17,438	
1	1985	8,567	9,452	10,429	11,506	12,695	14,007	15,454	17,051	17,822	18,629	
1	1986	8,939	9,870	10,898	12,033	13,286	14,670	16,198	17,885	18,721	19,596	
1	1987	9,397	10,406	11,524	12,761	14,131	15,648	17,328	19,189	20,056	20,962	
1	1988	9,938	10,988	12,149	13,433	14,852	16,422	18,157	20,075	21,050	22,072	
1	1989	10,761	11,915	13,192	14,607	16,173	17,907	19,826	21,952	23,038	24,179	
1	1990	11,662	12,837	14,131	15,555	17,122	18,848	20,748	22,839	23,980	25,179	
1	1991	11,953	13,116	14,391	15,791	17,327	19,012	20,862	22,891	24,210	25,606	
	1992	12,291	13,467	14,756	16,169	17,717	19,413	21,272	23,308	24,588	25,938	
	1993	12,077	13,350	14,756	16,311	18,030	19,930	22,030	24,351	25,754	27,238	
	1994	12,219	13,525	14,971	16,571	18,343	20,304	22,474	24,877	26,374	27,961	
	1995	12,363	13,703	15,189	16,836	18,661	20,685	22,928	25,414	27,009	28,704	
		t any con	10-11-00									
	25	26	27	28	29	30	31	32	33	34	35	
	713	741	770	770	770	770	770	770	776	782	787	
	801	833	866	866	866	866	866	866	872	878	885	
	908	944	981	981	981	981	981	981	988	995	1,003	
	992	1,032	1,073	1,073	1,073	1,073	1,073	1,073	1,080	1,088	1,096	
	1,185	1,232	1,281	1,281	1,281	1,281	1,281	1,281	1,290	1,299	1,308	þ
	1,467	1,525	1,586	1,586	1,586	1,586	1,586	1,586	1,597	1,609	1,620	
	1,611	1,675	1,741	1,741	1,741	1,741	1,741	1,741	1,754	1,766	1,779	
	1,685	1,752	1,822	1,822	1,822	1,822	1,822	1,822	1,835	1,848	1,861	
	1,759	1,829	1,901	1,901	1,901	1,901	1,901	1,901	1,915	1,929	1,943	
	1,877	1,951	2,028	2,028	2,028	2,028	2,028	2,028	2,043	2,058	2,073	
	2,047	2,128	2,212	2,212	2,212	2,212	2,212	2,212	2,228	2,245	2,261	
	2,110	2,193	2,280	2,280	2,280	2,280	2,280	2,280	2,297	2,313	2,330	
	2,171	2,257	2,347	2,347	2,347	2,347	2,347	2,347	2,364	2,381	2,398	
	2,342	2,435	2,531	2,531	2,531	2,531	2,531	2,531	2,550	2,568	2,587	
	2,454	2,551	2,652	2,652	2,652	2,652	2,652	2,652	2,672	2,691	2,710	
Š	2,518	2,618	2,722	2,722	2,722	2,722	2,722	2,722	2,741	2,761	2,781	
	2,582	2,684	2,791	2,791	2,791	2,791	2,791	2,791	2,811	2,831	2,852	
	2,715		2,935	2,935	2,935	2,935	2,935	2,935	2,956	2,978	2,999	
	2,913	3,028	3,148	3,148	3,148	3,148	3,148	3,148	3,171	3,194	3,217	
	3,041	3,161	3,287	3,287	3,287	3,287	3,287	3,287	3,310	3,334	3,358	
	3,302	3,433	3,569	3,569	3,569	3,569	3,569	3,569	3,595	3,621	3,647	
	3,494	3,633	3,777	3,777	3,777	3,777	3,777	3,777	3,804	3,832	3,859	
	3,755	3,905	4,059	4,059	4,059	4,059	4,059	4,059	4,089	4,118	4,148	
	4,070		4,400	4,400	4,400	4,400	4,400	4,400	4,431	4,463	4,496	
	4,524	4,703	4,890	4,890	4,890	4,890	4,890	4,890	4,925	4,961	4,996	
	4,961	5,158	5,363	5,363	5,363	5,363	5,363	5,363	5,401	5,440	5,480	
	5,415	5,629	5,853	5,853	5,853	5,853	5,853	5,853	5,895	5,938	5,980	
	6,311		6,822	6,822	6,822	6,822	6,822	6,822	6,871	6,920	6,970	
	7,911	8,225	8,551	8,551	8,551	8,551	8,551	8,551	8,613	8,675	8,738	
	8,975	9,355	9,751	9,751	9,751	9,751	9,751	9,751	9,812	9,875	9,937	
	9,824	and the second second	10,689	10,689	10,689	10,689	10,689	10,689	10,792	10,895	10,999	
	10,569		11,315	11,467	11,622	11,778	11,937	12,097	12,169	12,242	12,315	
	11,151		11,941	12,152	12,367	12,586	12,809	13,036	13,108	13,181	13,254	
	12,738		13,870	13,870	13,870	13,870	13,870	13,870	14,033	14,198	14,365	
	14,082		15,278	15,278	15,278	15,278	15,278	15,278	15,491	15,707	15,926	
	16,200		17,572	17,572	17,572	17,572	17,572	17,572	17,855	18,142	18,434	
	16,935	17,730	18,563	18,563	18,563	18,563	18,563	18,563	18,826	19,094	19,365	

1	18,261	19,121	20,023	20,023	20,023	20,023	20,023	20,023	20,307	20,595	20,886
1	19,472	20,353	21,274	21,274	21,274	21,274	21,274	21,274	21,666	22,066	22,472
1	20,512	21,470	22,474	22,474	22,474	22,474	22,474	22,474	22,953	23,443	23,943
1	21,909	22,899	23,934	23,934	23,934	23,934	23,934	23,934	24,347	24,767	25,194
1	23,144	24,267	25,446	25,446	25,446	25,446	25,446	25,446	25,985	26,537	27,100
1	25,375	26,631	27,949	27,949	27,949	27,949	27,949	27,949	28,538	29,141	29,756
1	26,438	27,760	29,148	29,148	29,148	29,148	29,148	29,148	29,700	30,263	30,836
	27,082	28,644	30,295	30,295	30,295	30,295	30,295	30,295	30,896	31,510	32,135
	27,363	28,866	30,451	30,451	30,451	30,451	30,451	30,451	31,234	32,037	32,860
1	28,808	30,468	32,224	32,224	32,224	32,224	32,224	32,224	33,037	33,871	34,726
1	29,644	31,429	33,320	33,320	33,320	33,320	33,320	33,320	34,231	35,167	36,128
1	30,505	32,419	34,454	34,454	34,454	34,454	34,454	34,454	35,468	36,512	37,587
-											
Γ	36	37	38	39	40	41	42	43	44	45	46
Ţ	793	799	799	799	799	799	799	794	789	784	780
1	891	898	898	898	898	898	898	892	887	882	876
	1,010	1,017	1,017	1,017	1,017	1,017	1,017	1,011	1,005	999	993
1	1,104	1,112	1,112	1,112	1,112	1,112	1,112	1,105	1,099	1,092	1,086
1	1,318	1,327	1,327	1,327	1,327	1,327	1,327	1,320	1,312	1,304	1,296
١	1,632	1,644	1,644	1,644	1,644	1,644	1,644	1,634	1,624	1,615	1,605
1	1,792	1,805	1,805	1,805	1,805	1,805	1,805	1,794	1,783	1,773	1,762
1	1,875	1,888	1,888	1,888	1,888	1,888	1,888	1,877	1,866	1,855	1,844
1	1,957	1,971	1,971	1,971	1,971	1,971	1,971	1,959	1,947	1,936	1,924
1	2,088	2,103	2,103	2,103	2,103	2,103	2,103	2,090	2,078	2,065	2,053
1	2,277	2,293	2,293	2,293	2,293	2,293	2,293	2,280	2,266	2,253	2,239
1	2,347	2,364	2,364	2,364	2,364	2,364	2,364	2,350	2,336	2,322	2,308
1	2,415	2,433	2,433	2,433	2,433	2,433	2,433	2,418	2,404	2,390	2,375
1	2,605	2,624	2,624	2,624	2,624	2,624	2,624	2,608	2,593	2,577	2,562
1	2,730	2,750	2,750	2,750	2,750	2,750	2,750	2,733	2,717	2,701	2,685
	2,801	2,821	2,821	2,821	2,821	2,821	2,821	2,804	2,788	2,771	2,755
1	2,872	2,893	2,893	2,893	2,893	2,893	2,893	2,876	2,859	2,842	2,825
1	3,021	3,042	3,042	3,042	3,042	3,042	3,042	3,024	3,006	2,988	2,971
1	3,240	3,264	3,264	3,264	3,264	3,264	3,264	3,244	3,225	3,206	3,187
1	3,383	3,407	3,407	3,407	3,407	3,407	3,407	3,387	3,367	3,347	3,327
1	3,673	3,700	3,700	3,700	3,700	3,700	3,700	3,678	3,656	3,634	3,613
1	3,887	3,915	3,915	3,915	3,915	3,915	3,915	3,892	3,869	3,846	3,823
-	4,178	4,208	4,208	4,208	4,208	4,208	4,208	4,183	4,158	4,133	4,109
1	4,528	4,561	4,561	4,561	4,561	4,561	4,561	4,534	4,507	4,480	4,453
1	5,032	5,069	5,069	5,069	5,069	5,069	5,069	5,039	5,009	4,979	4,949
1	5,519	5,559	5,559	5,559	5,559	5,559	5,559	5,526	5,493	5,460	5,428
1	6,023	6,067	6,067	6,067	6,067	6,067	6,067	6,031	5,995	5,959	5,924
-	7,020	7,071	7,071	7,071	7,071	7,071	7,071	7,029	6,987	6,946	6,904
1	8,801	8,864	8,864	8,864	8,864	8,864	8,864	8,812	8,759	8,707	8,655
1	10,000	10,064	10,064	10,064	10,064	10,064	10,064	10,032	10,001	9,969	9,938
1	11,104	11,211	11,211	11,211	11,211	11,211	11,211	11,147	11,085	11,022	10,960
	12,388	12,462	12,388	12,315	12,242	12,169	12,097	12,055	12,013	11,972	11,930
1	13,327	13,401	13,359	13,317	13,275	13,234	13,192	13,108	13,024	12,940	12,857
	14,534	14,704	14,704	14,704	14,704	14,704	14,704	14,588	14,472	14,357	14,244
	16,148	16,373	16,373	16,373	16,373	16,373	16,373	16,202	16,034	15,867	15,702
1	18,731	19,032	19,032	19,032	19,032	19,032	19,032	18,851	18,672	18,495	18,320
	19,640	19,919	19,919	19,919	19,919	19,919	19,919	19,770	19,623	19,477	19,332
	21,183	21,483	21,483	21,483	21,483	21,483	21,483	21,378	21,273	21,168	21,065
1	22,886	23,308	23,308	23,308	23,308	23,308	23,308	23,234	23,161	23,088	23,015

2	24,454	24,976	24,976	24,976	24,976	24,976	24,976	24,807	24,639	24,472	24,307
2	25,629	26,071	26,071	26,071	26,071	26,071	26,071	26,009	25,946	25,883	25,821
2	27,674	28,261	28,261	28,261	28,261	28,261	28,261	28,071	27,882	27,694	27,508
3	30,384	31,025	31,025	31,025	31,025	31,025	31,025	30,749	30,475	30,204	29,936
3	31,420	32,016	32,016	32,016	32,016	32,016	32,016	31,815	31,616	31,418	31,221
	32,773	33,424	33,424	33,424	33,424	33,424	33,424	33,340	33,256	33,173	33,089
	33,705	34,571	34,571	34,571	34,571	34,571	34,571	34,508	34,445	34,383	34,320
	35,602	36,500	36,500	36,500	36,500	36,500	36,500	36,676	36,852	37,029	37,207
	37,116	38,130	38,130	38,130	38,130	38,130	38,130	38,456	38,784	39,114	39,448
	38,694	39,833	39,833	39,833	39,833	39,833	39,833	40,322	40,816	41,317	41,824
					-						
	47	48	49	50	51	52	53	54	55	56	57
	775	775	775	775	775	775	769	764	758	753	747
	871	871	871	871	871	871	865	858	852	846	839
	987	987	987	987	987	987	980	973	965	958	951
	1,079	1,079	1,079	1,079	1,079	1,079	1,071	1,063	1,055	1,048	1,040
1	1,288	1,288	1,288	1,288	1,288	1,288	1,279	1,269	1,260	1,251	1,242
	1,595	1,595	1,595	1,595	1,595	1,595	1,584	1,572	1,560	1,549	1,537
1	1,752	1,752	1,752	1,752	1,752	1,752	1,739	1,726	1,713	1,700	1,688
	1,833	1,833	1,833	1,833	1,833	1,833	1,819	1,806	1,793	1,779	1,766
	1,913	1,913	1,913	1,913	1,913	1,913	1,899	1,885	1,871	1,857	1,843
	2,041	2,041	2,041	2,041	2,041	2,041	2,026	2,011	1,996	1,981	1,967
	2,226	2,226	2,226	2,226	2,226	2,226	2,210	2,193	2,177	2,161	2,145
	2,294	2,294	2,294	2,294	2,294	2,294	2,277	2,261	2,244	2,227	2,211
	2,361	2,361	2,361	2,361	2,361	2,361	2,344	2,326	2,309	2,292	2,275
	2,547	2,547	2,547	2,547	2,547	2,547	2,528	2,509	2,491	2,472	2,454
1 8	2,669	2,669	2,669	2,669	2,669	2,669	2,649	2,629	2,610	2,591	2,572
	2,738	2,738	2,738	2,738	2,738	2,738	2,718	2,698	2,678	2,658	2,639
	2,808	2,808	2,808	2,808	2,808	2,808	2,787	2,767	2,746	2,726	2,706
-	2,953	2,953	2,953	2,953	2,953	2,953	2,931	2,910	2,888	2,867	2,846
	3,168	3,168	3,168	3,168	3,168	3,168	3,144	3,121	3,098	3,075	3,052
1	3,307	3,307	3,307	3,307	3,307	3,307	3,282	3,258	3,234	3,210	3,187
	3,591	3,591	3,591	3,591	3,591	3,591	3,565	3,538	3,512	3,486	3,461
	3,800	3,800	3,800	3,800	3,800	3,800	3,772	3,744	3,716	3,689	3,662
	4,084	4,084	4,084	4,084	4,084	4,084	4,054	4,024	3,994	3,965	3,936
	4,427	4,427	4,427	4,427	4,427	4,427	4,394	4,361	4,329	4,297	4,266
1	4,920	4,920	4,920	4,920	4,920	4,920	4,883	4,847	4,812	4,776	4,741
	5,395	5,395	5,395	5,395	5,395	5,395	5,356	5,316	5,277	5,238	5,199
	5,888	5,888	5,888	5,888	5,888	5,888	5,845	5,802	5,759	5,717	5,674
	6,863	6,863	6,863	6,863	6,863	6,863	6,812	6,762	6,712	6,663	6,614
	8,604	8,604	8,604	8,604	8,604	8,604	8,540	8,477	8,414	8,352	8,291
1	9,907	9,907	9,907	9,907	9,907	9,907	9,768	9,630	9,495	9,361	9,229
1 1	10,898	10,898	10,898	10,898	10,898	10,898	10,770	10,643	10,518	10,394	10,272
	11,889	11,847	11,805	11,763	11,721	11,680	11,649	11,617	11,586	11,555	11,524
	12,775	12,765	12,754	12,744	12,733	12,723	12,660	12,597	12,534	12,472	12,410
	14,131	14,131	14,131	14,131	14,131	14,131	13,982	13,834	13,688	13,544	13,401
	15,539	15,539	15,539	15,539	15,539	15,539	15,507	15,476	15,445	15,413	15,382
	18,146	18,146	18,146	18,146	18,146	18,146	18,072	17,999	17,926	17,853	17,781
	19,189	19,189	19,189	19,189	19,189	19,189	19,147	19,105	19,063	19,022	18,980
	20,961	20,961	20,961	20,961	20,961	20,961	20,759	20,559	20,361	20,165	19,971
	22,943	22,943	22,943	22,943	22,943	22,943	22,632	22,326	22,023	21,725	21,431
	24,142	24,142	24,142	24,142	24,142	24,142	23,876	23,612	23,351	23,094	22,839
	25,759	25,759	25,759	25,759	25,759	25,759	25,460	25,164	24,872	24,584	24,299
4	-0,	100	,		40,	إدم و ومسد	- TON	20,110	2012	21,00	W 1740

ĺ	27,323	27,323	27,323	27,323	27,323	27,323	26,792	26,271	25,760	25,259	24,768
1	29,669	29,669	29,669	29,669	29,669	29,669	29,162	28,664	28,174	27,692	27,219
1	31,025	31,025	31,025	31,025	31,025	31,025	30,651	30,282	29,917	29,556	29,200
1	33,006	33,006	33,006	33,006	33,006	33,006	32,265	31,540	30,831	30,138	29,461
1	34,258	34,258	34,258	34,258	34,258	34,258	33,753	33,256	32,766	32,283	31,807
1	37,386	37,386	37,386	37,386	37,386	37,386	36,512	35,658	34,825	34,010	33,215
ı	39,785	39,785	39,785	39,785	39,785	39,785	38,705	37,655	36,633	35,639	34,672
L	42,337	42,337	42,337	42,337	42,337	42,337	41,030	39,763	38,536	37,347	36,194

58	59	60	61	62	63	64
733	720	707	694	681	669	657
824	809	794	780	766	752	738
934	917	900	884	867	852	836
1,021	1,002	984	966	948	931	914
1,219	1,197	1,175	1,153	1,132	1,112	1,091
1,509	1,482	1,455	1,428	1,402	1,376	1,351
1,657	1,627	1,597	1,568	1,539	1,511	1,484
1,734	1,702	1,671	1,641	1,611	1,581	1,552
1,809	1,776	1,744	1,712	1,681	1,650	1,620
1,931	1,895	1,861	1,827	1,793	1,761	1,728
2,106	2,067	2,030	1,993	1,956	1,920	1,885
2,170	2,131	2,092	2,054	2,016	1,979	1,943
2,234	2,193	2,153	2,114	2,075	2,037	2,000
2,409	2,365	2,322	2,280	2,238	2,197	2,157
2,525	2,479	2,433	2,389	2,345	2,302	2,260
2,591	2,543	2,497	2,451	2,406	2,362	2,319
2,656	2,608	2,560	2,513	2,468	2,422	2,378
2,794	2,743	2,692	2,643	2,595	2,548	2,501
2,997	2,942	2,888	2,835	2,784	2,733	2,683
3,128	3,071	3,015	2,960	2,906	2,853	2,801
3,397	3,335	3,274	3,215	3,156	3,098	3,042
3,595	3,529	3,465	3,401	3,339	3,278	3,218
3,864	3,793	3,724	3,656	3,589	3,524	3,459
4,188	4,111	4,036	3,962	3,890	3,819	3,749
4,654	4,569	4,486	4,404	4,323	4,244	4,167
5,104	5,011	4,919	4,830	4,741	4,655	4,570
5,571	5,469	5,369	5,271	5,175	5,080	4,987
6,493	6,374	6,258	6,143	6,031	5,921	5,813
8,139	7,991	7,845	7,701	7,561	7,423	7,287
9,133	9,039	8,945	8,852	8,760	8,669	8,579
10,111	9,952	9,795	9,642	9,490	9,341	9,194
11,396	11,269	11,144	11,020	10,898	10,777	10,657
12,216	12,026	11,838	11,653	11,471	11,292	11,116
13,196	12,995	12,797	12,602	12,410	12,221	12,035
15,112	14,847	14,586	14,330	14,079	13,831	13,589
17,467	17,160	16,857	16,560	16,269		15,700
18,734	18,491	18,251		17,781		17,322
19,636	19,308	18,985	18,667	18,354	18,047	17,745
21,008	20,593	20,186	19,788	19,397	19,014	18,639
22,517	22,200	21,887	21,578	21,274	20,975	20,679
23,955	23,617	23,283	22,954	22,630	22,310	21,995
24,588	24,409	24,232	24,056	23,881	23,708	23,536
26,898	26,582	26,269	25,960	25,654	25,352	25,054

28,781	28,369	27,962	27,561	27,166	26,777	26,393
28,920	28,389	27,868	27,356	26,854	26,361	25,877
31,401	30,999	30,603	30,212	29,826	29,444	29,068
32,405	31,614	30,843	30,091	29,356	28,640	27,942
33,711	32,776	31,868	30,984	30,125	29,290	28,478
35,070	33,981	32,926	31,904	30,914	29,954	29,024

Table B-25: Estimated Yearly Earnings of Female Workers by Age (\$)

Table D	-25: ESUI	naveu 1	carry Ea	inings o	i remaie	MOLNEI	S Dy Age			
Year	15	16	17	18	19	20	21	22	23	24
1947	241	262	284	309	336	365	396	430	437	445
1948	282	306	332	361	392	426	463	503	511	520
1949	321	348	378	411	446	485	527	572	582	591
1950	356	387	420	457	496	539	585	636	646	657
1951	437	475	516	561	609	662	719	781	794	807
1952	547	594	645	701	761	827	898	976	992	1,008
1953	594	646	702	762	828	899	977	1,061	1,079	1,096
1954	629	683	742	806	875	951	1,033	1,122	1,141	1,159
1955	651	707	768	834	906	984	1,069	1,162	1,181	1,200
1956	701	761	827	898	976	1,060	1,151	1,251	1,271	1,292
1957	765	831	903	981	1,066	1,158	1,257	1,366	1,388	1,411
1958	788	856	930	1,011	1,098	1,193	1,296	1,408	1,431	1,454
1959	807	876	952	1,034	1,123	1,220	1,326	1,440	1,464	1,488
1960	868	943	1,024	1,113	1,209	1,313	1,426	1,549	1,575	1,601
1961	911	990	1,075	1,168	1,269	1,378	1,497	1,627	1,653	1,680
1962	936	1,017	1,105	1,200	1,304	1,417	1,539	1,672	1,699	1,727
1963	958	1,041	1,130	1,228	1,334	1,449	1,574	1,710	1,738	1,767
1964	1,008	1,095	1,190	1,293	1,404	1,525	1,657	1,800	1,830	1,860
1965	1,080	1,174	1,275	1,385	1,505	1,634	1,776	1,929	1,960	1,993
1966	1,131	1,228	1,334	1,450	1,575	1,711	1,858	2,019	2,052	2,086
1967	1,170	1,271	1,381	1,500	1,630	1,771	1,923	2,090	2,124	2,159
1968	1,238	1,345	1,462	1,588	1,725	1,874	2,035	2,211	2,247	2,284
1969	1,332	1,448	1,572	1,708	1,856	2,016	2,190	2,379	2,418	2,458
1 97 0	1,444	1,569	1,704	1,851	2,011	2,185	2,373	2,578	2,620	2,663
1971	1,635	1,776		2,096	2,277	2,473	2,687	2,919	2,967	3,015
1972	1,844	2,003		2,364	2,568	2,789	3,030	3,292	3,346	3,401
1973	2,082	2,261	2,456	2,668	2,899	3,149	3,421	3,716	3,777	3,839
1974	2,633	2,860	3,107	3,375	3,666	3,983	4,326	4,700	4,777	4,855
1975	3,446	3,744	4,067	4,418	4,800	5,214	5,664	6,153	6,254	6,356
1976	3,794	4,149	5 10 C C C C C C C C C C C C C C C C C C	4,960	5,424	5,931	6,485	7,091	7,232	7,375
1977	4,299	4,687	12 to 12 min 2 min 2 min 2	5,571	6,075	6,623	7,221	7,874	8,043	8,217
1978	4,680	5,110	11,5290,521,171	6,091	6,651	7,261	7,928	8,656	8,864	9,078
1979	4,958	5,405		6,423	7,003	7,634	8,322	9,073	9,338	9,612
1980	5,328	5,822		6,951	7,595	8,298	9,067	9,907	10,230	10,563
1981	6,172	6,712		7,939	8,634	9,390		11,106	11,440	11,784
1982	6,758	7,367	8,030		9,541	10,400		12,358	12,777	13,210
1983	7,313	7,956				the second of th		13,192	13,686	14,198
1984	7,661	8,361			and the second s	11,863		14,131	14,654	15,196
1985	8,192	8,938	2 40 50 70 70 70 70 70 70 70 70 70 70 70 70 70	10,638	The second second second second	12,661	13,813	15,069	15,604	16,157
1986	8,641	9,445		The state of the s	76.0	13,485		16,112	16,775	17,465
1987	8,984	9,823	91	11,745		14,043		16,790	17,490	18,220
1988	9,356	10,289				15,048		18,198	18,902	19,634
1989	10,407	11,388						19,554	20,342	21,163
1990	10,817	11,851	12,984	14,224	15,584	17,073	18,705	20,492	21,293	22,124

1992 11,787 12,882 14,073 15,387 10,816 18,378 20,086 21,952 22,906 23,906 1993 12,014 13,173 14,444 15,837 17,365 19,046 20,877 22,891 23,911 24,708 1995 12,884 14,135 15,507 17,012 18,664 20,476 22,463 24,644 25,834 27,081 25 25 26 27 28 29 30 31 32 33 34 35 456 451 456 4	1991	11,616	12,669	13,818	15,071	16,437	17,928	19,553	21,326	22,174	23,055
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		23,887	24,820	24,820	24,820	24,820	24,820	24,820	24,841	24,862	24,883
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28,389 29,760 31,197 31,197 31,197 31,197 31,197 31,197 31,369 31,541 31,715	1	27,216	28,480	29,802	29,802	29,802	29,802	29,802	29,802	29,938	30,075	30,213
	L	28,389	29,760	31,197	31,197	31,197	31,197	31,197	31,197	31,369	31,541	31,715

36	37	38	39	40	41	42	43	44	45	46
446	441	441	441	441	441	441	440	440	439	438
522	516	516	516	516	516	516	515	514	513	512
593	587	587	587	587	587	587	586	585	584	583
660	652	652	652	652	652	652	651	650	649	648
810	801	801	801	801	801	801	799	798	797	795
1,012	1,001	1,001	1,001	1,001	1,001	1,001	999	997	996	994
1,101	1,088	1,088	1,088	1,088	1,088	1,088	1,087	1,085	1,083	1,081
1,164	1,151	1,151	1,151	1,151	1,151	1,151	1,149	1,147	1,145	1,143
1,205	1,191	1,191	1,191	1,191	1,191	1,191	1,189	1,187	1,185	1,183
1,297	1,283	1,283	1,283	1,283	1,283	1,283	1,280	1,278	1,276	1,274
1,417	1,401	1,401	1,401	1,401	1,401	1,401	1,398	1,396	1,394	1,391
1,460	1,443	1,443	1,443	1,443	1,443	1,443	1,441	1,439	1,436	1,434
1,493	1,477	1,477	1,477	1,477	1,477	1,477	1,474	1,472	1,469	1,467
1,607	1,589	1,589	1,589	1,589	1,589	1,589	1,586	1,584	1,581	1,578
1,687	1,668	1,668	1,668	1,668	1,668	1,668	1,665	1,662	1,660	1,657
1,734	1,714	1,714	1,714	1,714	1,714	1,714	1,711	1,708	1,706	1,703
1,774	1,754	1,754	1,754	1,754	1,754	1,754	1,751	1,748	1,745	1,742
1,867	1,846	1,846	1,846	1,846	1,846	1,846	1,843	1,840	1,837	1,834
2,000	1,978	1,978	1,978	1,978	1,978	1,978	1,975	1,971	1,968	1,965
2,094	2,070	2,070	2,070	2,070	2,070	2,070	2,067	2,063	2,060	2,056
2,167	2,143	2,143	2,143	2,143	2,143	2,143	2,139	2,136	2,132	2,128
2,293	2,267	2,267	2,267	2,267	2,267	2,267	2,263	2,260	2,256	2,252
2,467	2,439	2,439	2,439	2,439	2,439	2,439	2,435	2,431	2,427	2,423
2,674	2,644	2,644	2,644	2,644	2,644	2,644	2,639	2,635	2,631	2,626
3,027	2,993	2,993	2,993	2,993	2,993	2,993	2,988	2,983	2,978	2,973
3,414	3,376	3,376	3,376	3,376	3,376	3,376	3,370	3,364	3,359	3,353
3,854	3,811	3,811	3,811	3,811	3,811	3,811	3,804	3,798	3,792	3,785
4,874	4,819	4,819	4,819	4,819	4,819	4,819	4,811	4,803	4,795	4,787
6,381	6,309	6,309	6,309	6,309	6,309	6,309	6,299	6,288	6,278	6,268
7,528	7,456	7,456	7,456	7,456	7,456	7,456	7,382	7,308	7,235	7,163
8,383	8,291	8,291	8,291	8,291	8,291	8,291	8,216	8,143	8,070	7,997
9,123	9,021	9,021	9,021	9,021	9,021	9,021	9,021	9,021	9,021	9,021
9,632	9,490	9,521	9,552	9,584	9,615	9,646	9,667	9,688	9,709	9,730
11,377	11,315	11,315	11,315	11,315	11,315	11,315	11,165	11,017	10,871	10,727
12,586	12,514		12,514	12,514	12,514	12,514	12,419	12,324	12,231	12,137
14,181	14,079		14,079	14,079	14,079	14,079	13,940	13,803	13,668	13,534
15,391	15,278		15,278	15,278	15,278	15,278	15,236	15,194	15,152	15,111
16,528	16,425	9.00	16,425	16,425	16,425	16,425	16,309	16,193	16,078	15,965
17,686	17,624	(742.5 mm)	17,624	17,624	17,624	17,624	17,443	17,264	17,087	16,912
19,208	19,084	and the second second	19,084	19,084	19,084	19,084	18,914	18,746	18,579	18,414
20,429	20,388	- The Control of the	20,388	20,388	20,388	20,388	20,293	20,199	20,105	20,012
21,628	21,535	21,535	21,535	21,535	21,535	21,535	21,365	21,197	21,030	20,865
23,285	23,151	23,151	23,151	23,151	23,151	23,151	22,993	22,835	22,679	22,524
24,903	24,924		24,924	24,924	24,924	24,924	24,559	24,199	23,845	23,496
26,165	26,228		26,228	26,228	26,228	26,228	25,994	25,763	25,533	25,306
27,500	27,584	77.000	27,584	27,584	27,584	27,584	27,350	27,119	26,889	26,662
28,886	28,991		28,991	28,991	28,991	28,991	28,650	28,312	27,978	27,649
30,351	30,490	30,490	30,490	30,490	30,490	30,490	30,159	29,833	29,510	29,190

511 511 511 511 511 511 511 511 512 518 522 525 575 664 667 667 667 667 667 667 667 667 667 666 666 666 666 666 666 666 666 666 666 666 666 666 667 10 10 11 11 11 11 1,079 1,079 1,079 1,079 1,079 1,079 1,079 1,079 1,079 1,079 1,079 1,079 1,079 1,079 1,079 1,07	31,890	32,065	32,065	32,065	32,065	32,065	32,065	31,749	31,435	31,125	30,818
51 51 51 51 51 51 51 51 51 51 515 518 522 522 525 525 525 582 582 582 582 582 583 580 590 593 597 60 60 60 60 60 60 60 6	47	48	49	50	51	52	53	54	55	56	57
511 511 511 511 511 511 511 511 512 582 582 582 582 582 586 590 593 597 66 664 647	438	438	438	438	438	438	440	443	446	449	452
582 582 582 582 586 596 599 597 66 647 647 647 647 647 647 661 651 655 660 666 667 1687 1818 1818 1818 1818 1818 1818 1818 1818 1818 1818 1818 1818 1818 1,181	511	511	511	511	511	511	515	518	522	525	529
T94	582	582	582	582	582	582	586	59 0		597	601
992 992 992 992 992 992 992 999 1,005 1,012 1,019 1,070 1,164 1,172 1,171 1,181 1,431 1,431 1,431 1,441 1,450 1,460 1,460 1,460 1,460 1,460 1,460 1,460 1,460 1,460 1,460 1,460 1,460 1,460 1,460 1,460 1,460 1,460 1,460 1,460 1,570 1,570 1,570 1,570 1,570 1,570 1,570 1,570 1,570 1,570 1,570 1,570 1,70	647	647	647	647	647	647	651	655	660	664	668
1,079	794	794	7 94	7 94	7 94	794	799	805	810	815	821
1,141	992	992	992	992	992	992	999	1,005	1,012	1,019	1,025
1,181	1,079	1,079	1,079	1,079	1,079	1,079	1,086	1,094	1,101	1,108	1,115
1,272 1,272 1,272 1,272 1,272 1,272 1,272 1,280 1,289 1,297 1,306 1,389 1,389 1,389 1,389 1,389 1,389 1,389 1,389 1,389 1,389 1,389 1,389 1,389 1,389 1,389 1,407 1,417 1,426 1,461 1,411 1,431 1,431 1,431 1,431 1,431 1,431 1,431 1,431 1,431 1,431 1,441 1,450 1,466 1,466 1,465 1,465 1,465 1,465 1,465 1,465 1,465 1,576 1,571 1,712 1,431 1,411 1,411 <td< td=""><th>1,141</th><td>1,141</td><td>1,141</td><td>1,141</td><td>1,141</td><td>1,141</td><td>1,149</td><td>1,156</td><td>1,164</td><td>1,172</td><td>1,179</td></td<>	1,141	1,141	1,141	1,141	1,141	1,141	1,149	1,156	1,164	1,172	1,179
1,389 1,389 1,389 1,389 1,389 1,389 1,389 1,407 1,417 1,426 1,431 1,431 1,431 1,431 1,431 1,431 1,431 1,431 1,441 1,450 1,466 1,469 1,461 1,465 1,576 1,576 1,576 1,576 1,576 1,576 1,576 1,576 1,576 1,688 1,681 1,681 1,681 1,665 1,665 1,665 1,665 1,665 1,670 1,700 1,700 1,700 1,700 1,711 1,722 1,734 1,745 1,745 1,745 1,745 1,745 1,745 1,745 1,745 1,745 1,745 1,745 1,745 1,745 1,745 <td< td=""><th></th><td>1,181</td><td>1,181</td><td>1,181</td><td>1,181</td><td>1,181</td><td>1,189</td><td>1,197</td><td>1,205</td><td>1,213</td><td>1,221</td></td<>		1,181	1,181	1,181	1,181	1,181	1,189	1,197	1,205	1,213	1,221
1,431 1,431 1,431 1,431 1,431 1,431 1,431 1,441 1,450 1,460 1,469 1,465 1,465 1,465 1,465 1,465 1,465 1,465 1,465 1,465 1,465 1,465 1,465 1,465 1,465 1,465 1,465 1,465 1,465 1,576 1,586 1,691 1,691 <td< td=""><th></th><td>1,272</td><td>1,272</td><td></td><td>1,272</td><td></td><td>1,280</td><td>1,289</td><td></td><td>1,306</td><td>1,314</td></td<>		1,272	1,272		1,272		1,280	1,289		1,306	1,314
1,465 1,465 1,465 1,465 1,465 1,465 1,474 1,484 1,494 1,504 1,504 1,576 1,576 1,576 1,576 1,576 1,576 1,576 1,576 1,576 1,576 1,576 1,576 1,576 1,576 1,665 1,670 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,700 1,701 1,722 1,774 1,785 1,7 1,745 1,7 1,745 1,751 1,734 1,745 1,7 1,745 1,7 1,789 1,39 1,331 1,831 1,831 1,831 1,831 1,831 1,831 1,831 1,831 1,831 1,845 1,867 1,879 1,88 1,751 1,961 1,961 1,961 <th></th> <td>1,389</td> <td></td> <td></td> <td>1,389</td> <td>1,389</td> <td>1,398</td> <td>1,407</td> <td></td> <td>1,426</td> <td>1,435</td>		1,389			1,389	1,389	1,398	1,407		1,426	1,435
1,576 1,576 1,576 1,576 1,576 1,576 1,576 1,586 1,597 1,607 1,618 1,6 1,654 1,654 1,654 1,654 1,654 1,654 1,654 1,654 1,665 1,665 1,666 1,676 1,687 1,698 1,7 1,700 1,700 1,700 1,700 1,700 1,700 1,711 1,722 1,734 1,745 1,7 1,739 1,739 1,739 1,739 1,739 1,739 1,787 1,81 1,831		1,431	1,431	1,431	1,431	1,431	1,441	1,450	1,460	1,469	1,479
1,654 1,654 1,654 1,654 1,654 1,654 1,654 1,665 1,676 1,687 1,698 1,74 1,700 1,700 1,700 1,700 1,700 1,711 1,722 1,734 1,745 1,7 1,739 1,751 1,662 1,672 1,774 1,785 1,7 1,786 1,774 1,785 1,734 1,745 1,734 1,745 1,734 1,745 1,734 1,745 1,734 1,745 1,734 1,745 1,734 1,745 1,734 1,745 1,734 1,745 1,734 1,745 1,786 1,745 1,734 1,745 1,745 1,745 1,242 2,242 2,422											1,513
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1,739 1,739 1,739 1,739 1,739 1,739 1,751 1,762 1,774 1,785 1,781 1,831 1,843 1,843 1,855 1,867 1,879 1,8 1,961 1,961 1,961 1,961 1,961 1,961 1,961 1,987 2,000 2,014 2,00 2,002 2,108 2,108 2,108 2,108 2,108 2,108 2,108 2,108 2,108 2,108 2,212 2,212 2,263<											1,709
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2,125 2,125 2,125 2,125 2,125 2,125 2,125 2,125 2,125 2,125 2,125 2,125 2,125 2,125 2,125 2,125 2,129 2,249 2,249 2,249 2,249 2,263 2,278 2,293 2,308 2,38 2,419 2,419 2,419 2,419 2,419 2,435 2,451 2,467 2,483 2,5 2,622 2,622 2,622 2,622 2,622 2,639 2,656 2,674 2,692 2,7 2,968 2,968 2,968 2,968 2,968 2,968 2,988 3,008 3,027 3,047 3,0 3,348 3,479 4,779 <td< td=""><th></th><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>2,027</td></td<>											2,027
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2,968 2,968 2,968 2,968 2,968 2,988 3,008 3,027 3,047 3,0 3,348 3,880 3,829 3,854 3,880 3,59 4,779 4,779 4,779 4,779 4,779 4,779 4,811 4,843 4,874 4,907 4,59 6,257 <th></th> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2,500</td>											2,500
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7,091 7,091 7,091 7,091 7,091 7,091 7,091 7,133 7,174 7,216 7,258 7,33 7,926 7,926 7,926 7,926 7,926 7,915 7,905 7,894 7,884 7,8 9,021 9,031 9,042 9,052 9,062 9,073 9,041 9,010 8,979 8,947 8,9 9,751 9,687 9,624 9,562 9,500 9,438 9,510 9,582 9,655 9,729 9,8 10,585 10,585 10,585 10,585 10,585 10,585 10,585 10,606 10,616 10,627 10,6 12,045	1										4,939
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9,751 9,687 9,624 9,562 9,500 9,438 9,510 9,582 9,655 9,729 9,8 10,585 10,585 10,585 10,585 10,585 10,585 10,595 10,606 10,616 10,627 10,6 12,045											7,874
10,585 10,585 10,585 10,585 10,585 10,585 10,585 10,606 10,616 10,627 12,045 <th></th> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>8,916</td>											8,916
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											20,231
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											22,317
									- 1		23,986
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											28,247

58	59	60	61	62	63	64
452	452	452	452	452	452	452
529	52 9	52 9	529	52 9	52 9	529
601	6 01	601	601	601	601	601
668	668	668	668	668	668	668
821	821	821	821	821	821	821
1,025	1,025	1,025	1,025	1,025	1,025	1,025
1,115	1,115	1,115	1,115	1,115	1,115	1,115
1,179	1,179	1,179	1,179	1,179	1,179	1,179
1,221	1,221	1,221	1,221	1,221	1,221	1,221
1,314	1,314	1,314	1,314	1,314	1,314	1,314
1,435	1,435	1,435	1,435	1,435	1,435	1,435
1,479	1,479	1,479	1,479	1,479	1,479	1,479
1,513	1,513	1,513	1,513	1,513	1,513	1,513
1,628	1,628	1,628	1,628	1,628	1,628	1,628
1,709	1,709	1,709	1,709	1,709	1,709	1,709
1,757	1,757	1,757	1,757	1,757	1,757	1,757
1,797	1,797	1,797	1,797	1,797	1,797	1, 7 97
1,892	1,892	1,892	1,892	1,892	1,892	1,892
2,027	2,027	2,027	2,027	2,027	2,027	2,027
2,121	2,121	2,121	2,121	2,121	2,121	2,121
2,196	2,196	2,196	2,196	2,196	2,196	2,196
2,323	2,323	2,323	2,323	2,323	2,323	2,323
2,500	2,500	2,500	2,500	2,500	2,500	2,500
2,709	2,709	2,709	2,709	2,709	2,709	2,709
3,067	3,067	3,067	3,067	3,067	3,067	3,067
3,459	3,459	3,459	3,459	3,459	3,459	3,459
3,905	3,905	3,905	3,905	3,905	3,905	3,905
4,939	4,939	4,939	4,939	4,939	4,939	4,939
6,466	6,466	6,466	6,466	6,466	6,466	6,466
7,300	7,300	7,300	7,300	7,300	7,300	7,300
7,874	7,874	7,874	7,874	7,874		7,874
8,916	8,916	8,916	8,916	8,916	8,916	8,916
9,803	9,803	9,803		9,803	9,803	9,803
10,476	10,317	10,161	10,007	9,855	9,706	9,558
11,884	11,726	11,569				
13,588				13,296		
14,377	13,959					
15,365						
16,716						14,308
17,567						16,338
19,605		19,395			100	100
20,496				, ,		22,155
21,387		21,094				20,520
22,222		22,034				21,663
24,211	24,438					25,607
24,841		24,883				
26,285		27,480			29,377	30,038
27,798		29,580		31,477	32,470	33,495
29,397		31.840	33,136			35, 49 5

Table B-26: Gross Domestic Product, 1947 to 1996 (\$ million)

1 able D-20	. Gross Donn
Year	GDP
1947	3,121
1948	3,747
1949	4,516
1950	5,237
1951	7,061
1952	7,486
1953	8,766
1954	9,518
1955	9,937
1956	10,879
1957	11,910
1958	12,100
1959	12,961
1960	14,163
1961	15,152
1962	15,716
1963	16,924
1964	18,780
1965	20,523
1966	21,601
1967	23,876
1968	25,619
1969	28,809
1970	31,796
1971	35,284
1972	39,320
1972	44,695
1974	52,758
1975	64,091
1975	77,018
1977	88,162
1978	95,461
1979	109,549
1980	124,478
1981	141,037
1981	160,665
1982	173,571
	195,689
1984	
1985	216,203 241,551
1986	
1987	264,725
1988	298,076
1989	335,364
1990	366,516
1991	377,128
1992	389,608
1993	404,912
1994	455,141
1995	486,997
1996	505,736

Note: Figures of 1947 and 1948 are derived from Australians: Historical Statistics,

by Wray Vamplew (ed.), p. 139.

Source: I. Castles, Australian National Accounts: National Income,

Expenditure and Product, 1992-93, pp. 15, 80, 81 and 82.

Australian Bureau of Statistics, Australian National Accounts:

National Income, Expenditure and Product, Various Years.

Table B-27: Principal Interest Rates of Australia (in percent per annum), 1946 to 1995

Year	Dep	osits	Government
(30 June)	Savings banks	Trading banks	bonds
1946	1.63	1.00	3.25
1947	1.63	34369	3.21
1948	1.63	9444	3.17
1949	1.63	****	3.13
1950	1.50	1.50	3.12
1951	1.50	1.50	3.17
1952	1.50	1.50	3.75
1953	1.75	1.75	4.53
1954	1.75	1.75	4.40
1955	1.88	2.00	4.52
1956	2.13	3.00	4.53
1957	2.13	3.50	5.09
1958	2.13		
1959	3.00		
1960	3.00	3.50	4.83
1961	3.25	4.50	
1962	3.50	4.00	4.88
1963	3.00		E
1964	3.25		Y 53713
1965	3.50		
1966	3.50		
1967	3.50		
1968	3.50		
1969	3.75	7.0%	
1970	4.00		500000000000000000000000000000000000000
1971	4.00	1 777 0 3000	1 1
1972	4.00		1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
1973	4.00		100000000000000000000000000000000000000
1974	4.88	1	
1975	4.88	1	
1976	4.88		
1977	4.88		
1978	4.88		02377002
1979	4.88		
1980	4.88	1	1000
1981	4,88		
1982	4.88		
1983	4.88		
1984	3.75	1	
1985	3.75	12.5	
1986	13.2	2	12.8
1987	12.79)	13

1988	11.79	11.7
1989	16.95	15.4
1990	14.98	14.05
1991	10.39	10.55
1992	6.41	6.35
1993	5.21	5.45
1994	4.69	8.05
1995	7.44	

Note: One of the results of the significant amendements made to the Act in January 1990 was the abolition of the distinction between trading and saving banks. The period from 1984 to 1985 figures of saving banks are the rates of passbook account and those of trading banks are the rates of fixed deposits less than \$5,000, the period is 3 months and less than 6 months. After 1984 figures of government are 2 year bond and after 1986 the rates of deposits are the authorised dealers' weighted average rate.

Sources: Wray Vamplew(ed.), Australians: Historical Statistics, p. 240.

Australian Bureau of Statistics, Banking Australia, Various Years.

Australian Bureau of Statistics, Australian Economic Indicators, March, 1995, p. 107.

Australian Bureau of Statistics, Australian Economic Indicators, August, 1997, p. 84.

Table B-28: Value of Male Human Capital by Age Group (\$ million)

Year	15	16	17	18	19	20	21	22	23
1947	800	854	879	919	934	900	959	944	947
1948	883	926	966	1,019	1,039	1,040	1,093	1,075	1,105
1949	983	1,013	1,071	1,139	1,166	1,212	1,255	1,234	1,299
1950	1,097	1,111	1,149	1,216	1,292	1,324	1,382	1,437	1,420
1951	1,373	1,352	1,371	1,417	1,495	1,590	1,635	1,707	1,774
1952	1,808	1,751	1,730	1,757	1,818	1,928	2,054	2,104	2,188
1953	2,023	2,039	1,976	1,947	1,971	2,040	2,158	2,287	2,340
1954	2,177	2,165	2,168	2,127	2,050	2,072	2,186	2,235	2,431
1955	2,315	2,335	2,326	2,331	2,290	2,217	2,241	2,344	2,378
1956	2,597	2,537	2,559	2,553	2,566	2,539	2,477	2,488	2,570
1957	3,107	2,896	2,832	2,863	2,863	2,877	2,846	2,760	2,751
1958	3,133	3,262	3,044	2,978	3,002	2,990	2,999	2,954	2,853
1959	3,643	3,280	3,413	3,193	3,130	3,151	3,136	3,138	3,078
1960	4,110	3,997	3,602	3,755	3,538	3,489	3,511	3,477	3,454
1961	4,383	4,364	4,237	3,860	3,978	3,835	3,863	3,738	3,699
1962	5,602	4,635	4,610	4,481	4,087	4,190	4,011	4,011	3,858
1963	5,389	5,902	4,884	4,869	4,750	4,326	4,398	4,181	4,161
1964	5,708	5,821	6,370	5,297	5,291	5,149	4,662	4,701	4,454
1965	6,319	6,289	6,421	7,047	5,871	5,818	5,636	5,094	5,131
1966	6,663	6,707	6,607	6,812	7,445	6,071	6,030	5,902	5,341
1967	7,411	7,417	7,486	7,373	7,626	8,315	6,738	6,698	6,590
1968	8,046	7,984	7,985	8,074	7,946	8,203	8,871	7,258	7,239
1969	8,683	8,884	8,815	8,842	8,943	8,768	9,009	9,803	8,099
1970	9,568	9,640	9,864	9,817	9,839	9,936	9,663	10,010	10,926
1971	10,977	10,704	10,761	11,046	10,981	10,976	11,034	10,784	11,204
1972	12,381	12,390	12,095	12,053	12,323	12,200	12,348	12,446	12,163
1973	13,877	13,792	13,839	13,574	13,522	13,830	13,668	13,731	13,751
1974	16,698	16,397	16,244	16,387	16,151	16,021	16,393	16,190	16,159
1975	20,778	20,844	20,384	20,169	20,443		19,786	20,269	20,031
1976	24,441	23,866	23,877	23,297	23,019	23,384	23,006	22,417	23,017

24	25	26	27	28	29	30	31	32	33
1995	80,790	02,302	0-1,22-1	07,001					
		82,362	84,995		91,902	96,359	99,717	108,018	112,869
1993	76,922	78,680	81,230	84,059	88,349	92,631	96,729	102,540	103,666
1992	71,974	74,375	77,088	81,078	85,227	89,484	95,233	96,717	91,510
1991	68,951	71,503	75,291	79,073	83,245	88,947	90,702	86,183	83,257
1990	68,698	72,329	76,080	80,044	85,766	87,862	83,801	81,375	79,774
1989	70,705	74,547	78,649	84,091	86,453	82,696	80,854	79,374	78,331
1988 1989	70,558	74,660	79,896	82,147	78,823	77,758	76,340	75,494	75,907
1987	65,489	70,056	72,297	69,217	68,918	67,794	67,307	67,834	68,807
1986	63,617	65,862	63,053	63,106	62,101	61,721	62,397	63,664	66,135
1985	60,493	57,881	58,287	57,199	56,963	57,719	59,243	61,608	62,878
1984	48,555 53,134	53,692	52,662	52,601	53,366	55,053	57,199	58,605	59,171
1983	42,466	47,563	47,691	48,273	50,054	52,222	53,592	54,221	54,633
1982	41,354	42,748	43,196	44,784	47,002	48,494	49,115	49,737	48,646
1981	35,992	37,247 41,742	43,248	45,334	46,969	47,647	48,254	47,473	46,798
1980	32,506	34,350	35,445 39,043	40,336	40,882	41,475	41,011	40,408	40,137
1979	30,531	31,472	32,109	36,055	36,771	36,380	36,005	35,637	34,841
1978	28,500	29,227	29,971	32,829	32,422	32,257	31,876	31,200	31,271
1977	26,442	27,216	26,638	29,498	29,428	29,062	28,567	28,723	28,005
	- January II	og ovd	25 (20)	26,630	26,178	25,824	26,048	25,511	24,855

24	25	26	27	28	29	30	31	32	33
954	945	939	865	817	818	849	784	841	819
1,096	1,089	1,085	1,032	995	954	941	901	949	901
1,270	1,265	1,264	1,241	1,222	1,121	1,051	1,044	1,080	1,000
1,497	1,465	1,458	1,450	1,415	1,388	1,270	1,179	1,163	1,202
1,756	1,847	1,805	1,792	1,773	1,728	1,694	1,546	1,426	1,39
2,277	2,252	2,351	2,284	2,255	2,226	2,164	2,117	1,931	1,77
2,436	2,525	2,490	2,590	2,504	2,466	2,430	2,359	2,310	2,10
2,480	2,527	2,614	2,612	2,696	2,609	2,575	2,373	2,444	2,39
2,584	2,644	2,691	2,764	2,740	2,817	2,714	2,670	2,462	2,53
2,607	2,830	2,887	2,918	2,973	2,935	3,005	2,889	2,834	2,60
2,840	2,877	3,113	3,165	3,178	3,225	3,180	3,251	3,122	3,05
2,840	2,925	2,958	3,188	3,228	3,234	3,278	3,230	3,297	3,16
2,969	2,950	3,030	3,049	3,266	3,298	3,295	3,333	3,281	3,34
3,378	3,257	3,222	3,287	3,287	3,507	3,534	3,521	3,552	3,49
3,656	3,568	3,447	3,398	3,450	3,421	3,728	3,597	3,627	3,6
3,813	3,772	3,675	3,540	3,478	3,526	3,494	3,796	3,653	3,68
4,009	3,966	3,911	3,794	3,639	3,570	3,611	3,572	3,870	3,7
4,446	4,289	4,225	4,151	4,006	3,831	3,750	3,782	3,735	4,0
4,876	4,859	4,667	4,573	4,471	4,302	4,102	4,010	4,043	3,98
5,445	5,213	5,011	4,875	4,781	4,649	4,510	4,101	4,134	4,1
5,896	6,058	5,667	5,486	5,377	5,211	5,072	4,840	4,597	4,5
7,063	6,290	6,434	6,016	5,794	5,666	5,473	5,321	5,060	4,7
8,019	7,771	6,916	7,036	6,546	6,312	6,152	5,934	5,766	5,4
8,963	8,826	8,526	7,583	7,675	7,127	6,872	6,696	6,455	6,2
12,099	10,047	9,691	9,263	8,483	8,533	7,910	7,543	7,318	7,0
12,592	13,517	11,363	10,881	10,392	9,525	9,346	9,005	8,442	8,1
13,443	13,829	14,840	12,435	11,815	11,310	10,365	10,117	9,750	9,1
16,109	15,750	16,132	17,306	14,476	13,679	13,114	12,008	11,669	11,2
19,886	19,780	19,433	19,824	21,230	17,706	16,628	15,969	14,609	14,1
22,784	22,501	22,324	21,983	22,308	23,927	19,905	18,560	17,864	16,3
25,385	25,048	24,879	24,523	24,046	24,345	25,932	21,545	20,216	19,3
27,366	27,791	27,391	27,367	26,791	26,259	26,544	28,079	23,284	21,9

1	30,447	29,816	30,129	29,609	29,764	28,915	28,269	28,568	30,010	24,804
١	34,828	33,755	33,106	33,211	32,499	32,715	31,523	30,687	30,917	32,276
1	39,178	39,086	37,766	37,148	37,008	36,212	36,630	35,106	34,077	34,243
1	46,325	45,147	45,129	43,214	42,510	42,385	41,435	41,922	40,358	39,090
1	48,065	47,438	46,288	46,286	43,897	43,327	43,241	42,176	42,713	41,239
1	53,133	52,481	51,535	50,174	50,140	47,108	46,484	46,449	45,164	45,712
1	59,479	57,556	56,973	55,650	54,140	54,194	50,547	49,926	49,956	48,475
١	63,568	63,777	61,524	60,902	59,219	57,638	57,740	53,425	52,736	52,824
١			68,102	65,527	64,257	62,591	60,904	60,917	56,634	55,811
	67,138	67,708			70,684	68,677	67,007	65,144	65,030	60,739
1	71,510	72,314	72,883	73,524		78,364	75,553	73,784	71,687	71,553
1	76,589	79,684	80,145	80,591	81,518				76,239	74,026
1	78,778	79,303	82,722	82,936	83,211	84,730	81,359	77,755		
1	78,739	79,259	79,553	83,020	82,930	83,227	85,141	81,596	77,269	75,939
- 1	81,530	80,416	80,784	81,021	84,545	84,548	85,024	86,984	83,362	79,063
	88,119	86,063	84,654	84,891	84,975	88,588	88,543	88,977	90,839	87,020
	97,890	94,061	91,549	89,778	89,943	89,874	93,755	93,648	93,886	95,881
-	105,543	100,604	97,427	94,513	94,767	92,749	98,893	98,532	97,944	103,341
	34	35	36	37	38	39	40	41	42	43
	773	751	738	702	673	650	634	557	570	527
	906	880	846	811	785	751	724	665	662	595
	1,070	1,040	977	943	922	874	833	800	775	677
	1,117	1,192	1,162	1,084	1,042	1,014	957	909	869	838
	1,444	1,345	1,431	1,386	1,296	1,242	1,203	1,133	1,072	1,021
	1,732	1,783	1,661	1,764	1,704	1,590	1,520	1,468	1,379	1,301
	1,926	1,875	1,926	1,795	1,902	1,833	1,706	1,627	1,568	1,468
	2,210	1,957	1,902	1,903	1,939	1,960	1,929	1,629	1,690	1,596
	2,476	2,280	2,011	1,946	1,942	1,975	1,993	1,959	1,651	1,707
	2,675	2,614	2,402	2,111	2,035	2,026	2,062	2,070	2,024	1,706
	2,810	2,874	2,802	2,568	2,250	2,165	2,151	2,185	2,188	2,132
	3,095	2,840	2,898	2,823	2,582	2,258	2,166	2,149	2,178	2,174
	3,203	3,127	2,862	2,916	2,836	2,589	2,257	2,159	2,137	2,161
	3,548	3,391	3,306	3,020	3,069	2,978	2,710	2,358	2,252	2,221
	3,548	3,600	3,468	3,269	3,275	3,142	3,120	2,642	2,406	2,299
	3,671	3,584	3,631	3,491	3,282	3,283	3,150	3,120	2,630	2,387
	3,740	3,721	3,624	3,661	3,512	3,296	3,289	3,147	3,107	2,611
	3,874	3,885	3,858	3,750	3,776	3,615	3,377	3,360	3,212	3,164
	4,296	4,114	4,114	4,075	3,953	3,970	3,786	3,523	3,501	3,339
	4,095	4,373	4,243	4,145	4,263	4,080	4,067	3,676	3,685	3,487
	4,473	4,430	4,673	4,597	4,548	4,520	4,295	4,274	4,071	3,800
	4,715	4,629	4,582	4,809	4,721	4,662	4,618	4,379	4,342	4,116
	5,166	5,070	4,967	4,903	5,136	5,029	4,947	4,892	4,615	4,558
	5,912	5,578	5,468	5,342	5,248	5,490	5,367	5,261	5,188	4,874
	6,800	6,518	6,098	5,939	5,852	5,778	6,012	5,784	5,725	5,569
	7,744	7,472	7,365	6,695	6,415	6,379	6,251	6,640	6,118	6,123
		8,412	8,108	7,933	7,125	6,899	6,834	6,653	7,049	6,541
	8,773	10,088	9,746	9,394	9,112	8,103	7,929	7,822	7,552	7,986
	10,607		12,136	11,796	11,355	10,926	9,615	9,492	9,311	8,911
	13,655	12,850			4	12,680	12,125	10,551	10,529	10,285
	15,723	15,212	14,361	13,454	13,179	14,058	13,433	12,858	11,266	11,135
	17,610	17,031	16,453	15,396	14,530		F1 (PASS) F1 (F1)	14,093	13,497	11,133
	20,846	18,880	18,274	17,624	16,303	15,507	14,827		500000000000000000000000000000000000000	14,078
	23,508		20,007	19,450	18,764	17,203	16,469	15,556	14,702 16,424	- CONTROL OF THE REAL PROPERTY
	26,675	25,326	23,871	21,401	20,878	20,120	18,280	17,635	10,424	13,400

1	35,531	29,279	28,012	26,114	23,286	22,830	21,955	19,770	19,196	17,622
1	39,362	40,845	33,652	31,773	29,795	26,561	25,799	24,775	22,373	21,478
1	39,362	40,843	41,736	34,386	32,024	30,269	26,989	26,001	24,914	22,582
1	1 1000 1000 1000 1000	42,534	42,909	44,541	36,704	33,705	32,085	28,530	27,264	26,030
1	44,151	47,481	45,565	45,890	47,708	39,307	35,634	34,119	30,268	28,721
١	49,064	4.5 - 5.5 (4.1)	50,004	47,761	48,032	49,964	41,199	36,815	35,524	31,406
]	51,129	51,593	54,123	52,178	50,061	50,075	51,432	42,890	38,511	36,845
1	55,505	53,719	56,950	57,230	54,617	52,521	52,119	52,740	44,233	39,652
	59,671	58,894 65,516	64,286	62,124	62,211	59,101	57,134	56,272	56,101	47,482
1	67,078			65,708	63,532	63,643	60,140	58,441	57,191	56,286
1	73,732	69,400	67,536 69,012	66,801	64,622	62,531	62,609	58,761	57,282	55,645
1	73,648	73,157		70,242	67,708	65,507	63,348	63,306	59,192	57,624
1	77,635	75,284	74,653	77,152	72,390	69,722	67,370	65,044	64,899	60,528
1	82,417	80,730	78,068	81,679	80,511	75,423	72,609	70,090	67,561	67,331
1	91,634	86,720	84,642		87,392	80,771	77,644	74,973	71,063	73,243
1	99,269	92,391	90,641	86,470	81,392	00,771	11,044	14,313	71,000	13,2040
ı	44	45	46	47	48	49	50	51	52	53
1	44		462	449	361	343	330	274	282	263
١	464	464	504	494	440	421	368	326	321	281
1	562	540	553	548	541	520	415	390	370	302
١	687	634	674	585	576	566	541	429	400	377
ı	730	736		779	672	658	642	611	480	444
	979	849	853	10,000	924	793	772	748	707	551
	1,233	1,178	1,017	1,018	15000000	964	823	797	767	719
	1,383	1,308	1,244	1,070	1,066 1,151	1,051	963	763	777	753
	1,481	1,399	1,286	1,198		1,136	1,031	941	741	749
	1,607	1,486	1,400	1,282	1,189	1,200	1,141	1,031	935	729
	1,761	1,652	1,521	1,427	1,301	1,343	1,234	1,166	1,046	942
	1,794	1,845	1,726	1,585	1,480	1,443	1,301	1,188	1,116	993
1	2,114	1,774	1,818	1,694	1,552	1,509	1,397	1,254	1,138	1,059
	2,153	2,087	1,746	1,784	1,656	1,686	1,529	1,409	1,255	1,130
	2,240	2,225	2,152	1,793	1,826	1,765	1,710	1,452	1,347	1,216
į	2,200	2,224	2,164	2,071	1,955	1,900	1,707	1,643	1,384	1,275
	2,273	2,172	2,190	2,122	2,022	1,965	1,838	1,640	1,568	1,309
	2,363	2,245	2,137	2,146	2,070	2,061	1,946	1,809	1,601	1,519
	2,654	2,393	2,263	2,146	2,147	2,180	2,080	1,953	1,802	1,580
	3,281	2,743	2,460	2,319	2,191 2,301	2,180	2,131	1,970	1,926	1,696
	3,274	3,247	2,791	2,362	2,527	2,352	2,303	2,178	2,111	1,922
	3,668	3,551	3,404	2,957	2,942	2,498	2,313	2,249	2,110	2,027
	3,844	3,691	3,560	3,394	3,509	3,027	2,562	2,355	2,277	2,120
	4,312	4,011	3,842	3,689	3,853	3,649	3,135	2,645	2,424	2,326
	4,812	4,542	4,214	4,026	4,249	4,051	3,813	3,252	2,701	2,487
	5,222	5,094	4,827	4,443	4,773	4,489	4,242	4,045	3,304	2,775
	5,973	5,479	5,603			5,006	4,685	4,391	4,135	3,399
	6,464	6,330	5,853	5,928	5,251		5,583	5,198	4,826	4,482
	7,474	7,291	7,154		6,685 7,838	5,835 7,775	6,686	6,427	5,937	5,444
	9,389	8,843	8,507	8,361	9,107	8,578	8,420	7,125	6,865	6,285
	9,780	10,287	9,757	9,244	9,675		8,818	8,559	7,320	6,919
	10,844	10,342	10,829	10,161			9,808	9,101	8,772	7,614
	11,693	11,349	10,883	11,353	10,557		10,402	9,101	9,152	8,706
	12,553	12,163	11,757		11,737	10,801	11,034	10,661	10,087	9,125
	14,753	13,250	12,684		11,785			11,585	11,259	10,550
	16,427	15,763			12,996		12,870 13,812	14,026	12,649	12,112
	19,813	18,537	17,699	15,843	15,075	14,390	13,014	14,020	12,043	14,114

١	21,452	19,899	18,692	17,767	15,722	14,991	14,242	13,550	13,657	12,340
1	23,650	22,209	20,662	19,451	18,396	16,016	15,259	14,376	13,502	13,434
1	27,276	24,850	23,041	21,483	20,261	19,008	16,295	15,489	14,442	13,352
1	29,599	28,017	25,570	23,478	21,987	20,767	19,411	16,423	15,677	14,545
1	32,387	30,707	28,941	26,311	24,224	22,501	21,021	19,468	16,553	15,552
1	37,551	32,697	31,045	29,094	26,294	24,216	22,276	20,553	18,811	15,925
1	42,660	40,032	34,572	32,921	30,736	27,605	25,453	23,192	21,155	19,147
1	48,152	43,397	40,339	34,629	33,081	30,746	27,495	25,384	22,894	20,632
Į	54,010	46,602	41,994	38,529	32,767	31,254	28,787	25,466	23,403	20,751
1	55,814	54,074	46,508	41,831	38,249	32,482	30,888	28,299	24,940	22,795
1	58,862	56,745	54,727	46,792	41,808	37,924	31,891	29,998	27,111	23,520
١	62,663	60,788	58,385	56,117	47,759	42,537	38,381	32,089	29,946	26,851
	66,701	64,910	62,200	63,351	52,570	46,342	43,255	34,040	32,218	29,298

54	55	56	57	58	59	60	61	62	63
240	207	198	174	156	130	104	69	57	37
270	241	222	191	174	146	120	87	67	40
306	282	250	211	196	165	141	109	79	43
305	305	278	244	202	183	150	123	89	57
414	332	330	295	254	206	182	142	110	71
506	468	370	362	319	268	212	180	132	90
556	507	463	360	347	299	244	185	147	96
713	499	466	396	364	303	262	184	152	102
719	675	466	431	359	323	261	217	142	105
732	697	647	440	399	325	285	221	173	100
728	725	682	625	417	371	293	248	179	124
888	680	671	622	560	365	316	240	190	122
936	829	627	611	556	490	309	258	183	129
1,044	915	802	596	571	508		264	207	130
1,083	943	846	707	608	501	440	336	217	140
1,141	1,005	865	766	628	528		356	255	146
1,197	1,060	922	782	681	545			271	172
1,257	1,139	996	853	710	604		369	265	186
1,486	1,217	1,090	940	790	643		397	292	186
1,509	1,347	1,170	980	870	708			317	197
1,721	1,527	1,328	1,165	972				365	227
1,830	1,620	1,421	1,217	1,046			529	386	248
2,017	1,808	1,585	1,373	1,153				432	279
2,152	2,034	1,808	1,567	1,336					322
2,351	2,094	1,994	1,758	1,500					357
2,551	2,387	2,102	1,953	1,703				623	413
2,810	2,576	2,381	2,071	1,873					458
3,714	3,016	2,753	2,507	2,145					580
4,988	4,155	3,302	2,987	2,666					714
5,703	5,144	4,311	3,359	3,017					855
6,288	5,659	5,040	4,136	3,179					953
7,094	6,426	5,761	5,094	4,111					
7,624	6,952	6,220	5,490	4,762					1,148
8,553	7,543	6,713	5,909	5,112					
9,446	8,754	7,801	6,774	5,868					1,317
11,277	10,036	9,198	7,999	6,853			1		
11,650	10,784	9,544	8,662	7,353					
12,102	11,187	10,208	8,898	7,905	6,469	5,349	4,212	3,150	2,06

13,109	11,782	10,681	9,599	8,252	7,213	5,675	4,550	3,352	2,235
13,343	13,002	11,735	10,445	9,293	7,888	6,732	5,045	3,841	2,517
14,258	13,000	12,503	11,127	9,761	8,484	7,002	5,725	4,028	2,718
14,795	13,398	12,129	11,506	10,104	8,728	7,364	5,863	4,497	2,827
16,270	14,905	13,317	11,939	11,112	9,514	7,981	6,425	4,780	3,240
18,508	15,758	14,229	12,486	11,032	10,004	8,299	6,677	5,007	3,305
18,332	16,157	13,685	12,099	10,378	9,002	7,893	6,272	4,736	3,144
20,122	17,702	15,476	12,966	11,304	9,490	8,002	6,742	5,018	3,363
21,201	18,388	15,905	13,639	11,174	9,493	7,690	6,189	4,860	3,196
23,142	20,702	17,826	15,274	12,933	10,418	8,625	6,735	5,102	3,578
24,629	22,318	19,124	16,338	14,031	10,978	9,164	7,029	5,215	3,765

64	Total
17	28,423
20	32,544
24	37,603
23	42,672
34	52,393
43	66,563
49	74,011
53	77,965
53	82,647
55	89,869
54	99,534
63	103,426
62	107,998
69	118,608
70	126,235
71	133,016
73	140,001
88	151,060
97	166,439
97	176,714
109	198,422
115	213,672
134	237,873
156	266,173
176	300,365
199	341,893
226	383,469
270	458,230
347	573,213
424	663,084
451	741,391
561	826,551
580	910,024
599	1,014,548
684	1,153,113
753	1,351,293
819	1,411,325
924	1,553,056
1,097	1,709,179
1,268	1,859,636

1,326	2,014,183
1,432	2,184,965
1,525	2,456,835
1,668	2,586,090
1,555	2,613,284
1,673	2,716,668
1,600	2,876,386
1,772	3,094,890
1,848	3,291,866

Table B-29: Value of Female Human Capital by Age Group (\$ million)

Table B							21	22	23
Year	15	16	17	18	19	20		583	576
1947	490	528	537	560	577	566	583	677	681
1948	562	590	610	646	659	666	684 782	765	783
1949	628	642	675	724	733	761		888	871
1950	722	716	732	768	822	832	864	1,077	1,103
1951	920	907	899	917	960	1,027	1,039	1,306	1,350
1952	1,223	1,174	1,155	1,141	1,161	1,214	1,294		1,421
1953	1,340	1,356	1,298	1,276	1,258	1,277	1,332	1,414	
1954	1,477	1,438	1,439	1,396	1,360	1,344	1,371	1,385	1,511
1955	1,539	1,560	1,516	1,515	1,471	1,432	1,410	1,435	1,447
1956	1,752	1,692	1,712	1,662	1,660	1,612	1,567	1,540	1,562
1957	2,090	1,949	1,882	1,906	1,854	1,851	1,795	1,742	1,706
1958	2,119	2,189	2,040	1,972	2,000	1,945	1,940	1,879	1,819
1959	2,471	2,201	2,274	2,125	2,060	2,087	2,027	2,016	1,948
1960	2,764	2,698	2,404	2,484	2,328	2,257	2,277	2,205	2,187
1961	2,939	2,960	2,850	2,582	2,621	2,494	2,447	2,411	2,352
1962	3,750	3,080	3,099	2,987	2,714	2,751	2,607	2,552	2,508
1963	3,598	3,907	3,207	3,231	3,123	2,835	2,852	2,689	2,630
1964	3,818	3,860	4,186	3,448	3,479	3,357	3,028	3,027	2,847
1965	4,205	4,173	4,212	4,581	3,788	3,795	3,638	3,265	3,258
1966	4,323	4,302	4,230	4,315	4,706	3,837	3,851	3,679	3,288
1967	4,593	4,601	4,608	4,488	4,619	4,996	4,062	4,034	3,906
1968	5,033	4,945	4,949	4,967	4,852	4,978	5,348	4,328	4,287
1969	5,334	5,439	5,333	5,346	5,375	5,242	5,346	5,698	4,600
1970	5,901	5,904	6,009	5,911	5,935	5,944	5,756	5,844	6,202
1971	6,859	6,852	6,847	6,984	6,891	6,892	6,859	6,623	6,710
1972	8,072	8,022	7,985	7,917	8,064	7,866	7,883	7,909	7,712
1973	9,462	9,321	9,258	9,249	9,180	9,315	9,040	9,022	9,003
1974	12,185	12,025	11,832	11,775	11,809	11,710	11,834	11,458	11,404
1975	15,558	15,688	15,485	15,219	15,157	15,222	15,048	15,217	14,747
1976	18,590	18,373	18,470	18,241	17,886	17,758	17,821	17,588	17,740
1977	20,421	20,894	20,657	20,745	20,539	20,061	19,866	19,778	19,485
1978	22,462	23,148	23,535	23,296	23,335	23,046	22,455	22,158	21,945
1979	23,699	24,476	25,187	25,626	25,434	25,318	24,903	24,223	23,846
1980	25,693	27,123	28,027	28,803	29,224	28,954	28,662	28,150	27,370
1981	28,667	29,645	31,091	32,180	32,952	33,227	32,803	32,249	31,592
1982	32,478	32,866	33,969	35,576	36,836	37,629	37,828	37,140	36,463
1983	34,777	34,905	35,361	36,587	38,275	39,478	40,164	40,308	39,394
1984	39,569	38,567	38,609	39,111	40,474	42,080	43,185	43,724	43,777
1985	42,645	43,077	41,937	41,826	42,455	43,725	45,208	46,166	46,557
1986	49,543		47,350	46,232	46,107	7700050	47,998	49,396	50,249
1987	51,962	53,950	51,346	51,441	50,384	50,197	50,867	51,856	53,351

1	1988	53,165	57,088	59,208	56,425	56,356	55,038	54,668	55,159	55,962
١	1989	55,999	59,303	63,649	65,904	62,942	62,369	60,618	59,884	60,315
1	1990	56,922	59,655	62,989	67,553	70,043	66,820	65,659	63,647	62,778
١	1991	57,693	60.786	63,598	66,873	71,798	74,261	70,755	68,947	66,819
1	1992	58,316	60,830	64,142	67,073	70,735	75,741	77,923	73,903	71,719
١	1993	60,711	62,298	64,802	68,201	71,398	74,954	79,826	81,530	77,006
1	1994	64,466	65,990	67,676	70,320	74,253	77,470	80,795	85,499	86,923
١	1995	68,801	70,326	71,596	73,901	78,352	81,475	84,067	90,536	95,478

24	25	26	27	28	29	30	31	32	33
583	582	574	524	502	498	526	471	512	49
684	679	677	645	626	596	597	562	601	55
781	771	777	772	760	693	660	652	686	61
894	892	881	883	872	856	779	734	725	76
1,083	1,113	1,112	1,095	1,096	1,080	1,059	962	906	88
1,383	1,357	1,395	1,391	1,369	1,368	1,347	1,320	1,199	1,12
1,469	1,504	1,475	1,514	1,506	1,479	1,477	1,453	1,423	1,29
1,522	1,545	1,581	1,565	1,619	1,588	1,583	1,477	1,530	1,47
1,576	1,584	1,604	1,639	1,619	1,672	1,638	1,629	1,520	1,5
1,575	1,711	1,714	1,731	1,763	1,739	1,792	1,753	1,741	1,62
1,729	1,742	1,884	1,881	1,892	1,923	1,893	1,945	1,900	1,88
1,780	1,798	1,805	1,946	1,938	1,944	1,970	1,937	1,988	1,93
1,884	1,839	1,851	1,851	1,989	1,979	1,979	2,002	1,967	2,0
2,111	2,038	1,986	1,993	1,988	2,131	2,117	2,114	2,134	2,0
2,323	2,248	2,165	2,082	2,108	2,073	2,303	2,184	2,196	2,19
2,439	2,402	2,322	2,230	2,137	2,160	2,123	2,348	2,222	2,2
2,585	2,509	2,464	2,375	2,277	2,179	2,198	2,156	2,381	2,2
2,789	2,741	2,655	2,600	2,497	2,394	2,289	2,303	2,256	2,4
3,070	3,003	2,947	2,851	2,785	2,671	2,555	2,443	2,455	2,4
3,305	3,114	3,010	2,953	2,866	2,769	2,680	2,430	2,437	2,4
3,417	3,455	3,244	3,124	3,123	3,008	2,933	2,766	2,653	2,5
4,156	3,633	3,667	3,436	3,310	3,298	3,170	3,086	2,904	2,7
4,558	4,420	3,866	3,887	3,631	3,481	3,460	3,318	3,212	3,0
5,017	4,963	4,807	4,204	4,213	3,929	3,758	3,725	3,569	3,4
7,134	5,937	5,808	5,488	4,994	4,922	4,592	4,388	4,358	4,1
7,832	8,288	6,829	6,616	6,313	5,712	5,582	5,335	4,974	4,9
8,763	8,918	9,390	7,705	7,395	7,129	6,416	6,251	5,966	5,5
11,348	11,040	11,235	11,764	9,625	9,151	8,915	7,995	7,767	7,4
14,660	14,552	14,123	14,389	14,981	12,217	11,532	11,340	10,129	9,8
17,246	17,131	16,932	16,380	16,679	17,286	14,027	13,154	13,032	11,5
19,594	19,059	19,025	18,602	18,059	18,234	18,891	15,334	14,473	14,1
21,590	21,703	21,114	21,159	20,471	19,939	20,025	20,785	16,915	16,0
23,498	23,123	23,192	22,490	22,602	21,677	21,190	21,124	21,931	17,8
27,008	26,558	26,088	26,123	25,276	25,506	24,235	23,811	23,556	24,4
30,798	30,411	29,777	29,150	29,136	28,160	28,532	26,913	26,581	26,1
35,733	34,889	34,491	33,485	32,816	32,729	31,568	31,949	30,180	29,6
38,717	37,958	37,080	36,669	35,367	34,737	34,625	33,379	33,712	32,0
42,667	41,956	41,070	39,988	39,545	37,912	37,275	37,040	35,647	35,8
46,645	45,348	44,588	43,561	42,373	41,940	40,005	39,413	39,121	37,5
50,737	50,943	49,260	48,370	47,115	45,770	45,299	42,895	42,259	41,8
54,201	54,680	55,221	53,138	51,899	50,671	49,204	48,778	46,297	45,5
57,660	58,425	58,817	59,509	56,940	55,310	53,970	52,257	51,758	49,1
60,956	62,823	63,516	63,631	64,472	61,471	59,342	57,866	55,854	55,2

١	63,223	63,938	65,853	66,418	66,318	67,588	64,278	61,791	60,324	58,161
1	66,072	66,663	67,312	69,381	69,647	69,579	71,328	67,551	64,681	63,235
1	69,486	68,768	69,357	69,953	71,974	72,237	72,112	73,731	69,768	66,737
1	74,577	72,243	71,299	71,799	72,249	74,275	74,437	74,211	75,744	71,583
1	82,136	79,517	76,858	75,690	75,945	76,411	78,410	78,542	78,089	79,674
1	89,112	86,247	82,510	80,376	80,558	80,211	83,321	83,692	82,158	87,136
-										
ſ	34	35	36	37	38	39	40	41	42	43
Ī	459	448	427	403	393	371	364	306	326	299
1	560	544	512	491	473	446	435	387	395	346
1	666	643	597	582	554	522	506	476	465	390
1	681	739	713	662	644	612	575	556	521	508
1	929	834	904	872	808	784	743	697	671	628
1	1,101	1,150	1,034	1,119	1,078	997	965	913	855	821
1	1,209	1,180	1,233	1,111	1,199	1,154	1,064	1,028	971	907
ł	1,366	1,256	1,233	1,225	1,236	1,235	1,256	1,013	1,078	997
1	1,514	1,400	1,283	1,257	1,248	1,258	1,255	1,273	1,025	1,087
1	1,675	1,614	1,491	1,362	1,331	1,319	1,329	1,325	1,341	1,078
١	1,757	1,810	1,742	1,608	1,465	1,428	1,413	1,421	1,414	1,429
1	1,921	1,790	1,841	1,770	1,631	1,483	1,442	1,425	1,430	1,419
1	1,963	1,941	1,806	1,857	1,784	1,640	1,486	1,442	1,422	1,425
- 1	2,140	2,084	2,060	1,916	1,965	1,884	1,730	1,563	1,512	1,487
- 1	2,149	2,216	2,181	2,052	2,103	1,999	2,061	1,677	1,626	1,544
1	2,224	2,178	2,242	2,204	2,072	2,119	2,014	2,071	1,681	1,626
- }	2,254	2,246	2,196	2,258	2,217	2,081	2,123	2,013	2,066	1,674
-	2,345	2,345	2,334	2,278	2,337	2,292	2,149	2,187	2,069	2,117
	2,637	2,487	2,482	2,468	2,407	2,462	2,407	2,253	2,288	2,159
	2,362	2,530	2,461	2,399	2,476	2,374	2,422	2,210	2,262	2,171
	2,523	2,479	2,649	2,588	2,552	2,551	2,465	2,453	2,413	2,270
	2,672	2,646	2,591	2,765	2,700	2,659	2,646	2,554	2,536	2,488
	2,890	2,769	2,734	2,674	2,845	2,772	2,723	2,707	2,605	2,581
	3,226	3,079	2,945	2,902	2,838	3,011	2,926	2,867	2,839	2,725
9	4,029	3,831	3,610	3,476	3,456	3,385	3,559	3,358	3,388	3,299
	4,687	4,529	4,459	4,102	3,887	3,887	3,790	4,087	3,685	3,757
	5,467	5,272	5,052	4,971	4,510	4,335	4,293	4,170	4,492	4,101
	7,005	6,745	6,602		6,179	5,516		5,265		5,468
	9,374	8,919	8,469		7,922		6,837	6,745		6,282
	11,192	10,688	10,225		9,610	8,988	8,795	7,595		7,264
	12,522	12,132	11,621	10,956	10,376	10,234	9,560	9,336		8,014
	15,533	13,820	13,440		12,021	11,580	11,250	10,517	10,269	9,079
	17,129	16,322	14,545		13,705	12,557	12,269	11,726		10,688
	19,925	19,172	17,991		15,576	15,023	13,495	13,296		11,543
	27,085	22,152			17,679	17,254	16,692	14,781	14,752	13,552
	29,181	30,158			22,080	19,609		18,293		16,051
	31,195	30,836			24,592				19,034	17,067
	34,194				27,550	25,631	24,592			19,724
	37,751	36,145	34,690	34,382	35,333	28,890	26,511	25,689	22,616	21,292

36,682

41,372

45,583

47,700

51,566

55,580

40,133

43,133

47,272

51,118

54,759

60,363

40,061

45,011

48,101

52,466

57,634

60,917

38,515

43,394

45,253

49,910

53,168

57,362

36,428

39,649

43,007

48,102

49,302

53,649

37,420

39,193

41,429

44,984

49,731

51,379

30,577

39,914

40,679

43,497

46,019

51,981

27,697

33,067

40,884

42,332

44,673

47,783

27,130

30,042

34,260

42,051

43,110

46,646

23,811

29,050

31,105

35,544

42,271

44,801

Ī	65,200	62.760	61.998	58,870	56,879	54,803	52,391	52,882	48,560	47,241
1	68 375	66.746	64.094	63,212	59,898	57,804	55,586	53,087	53,446	49,025
1	75.219	71.763	69,934	66,996	65,970	62,437	60,141	57,781	55,046	55,327
1	81,824	77,216	75,848	71,663	71,987	67,528	65,156	62,848	58,303	61,414

44	45	46	47	48	49	50	51	52	53
267	270	275	277	230	221	228	183	195	184
336	323	307	310	283	278	256	224	233	202
412	377	335	337	340	341	280	267	272	215
425	447	408	362	362	364	363	298	282	285
611	510	533	485	428	427	427	424	347	321
766	743	618	645	584	514	511	508	502	408
869	809	782	649	674	609	533	528	522	51.
923	876	810	745	723	656	635	494	520	52
1,004	928	878	809	741	717	648	624	484	50
1,140	1,049	967	913	839	765	736	663	636	49
1,146	1,208	1,109	1,020	960	878	797	764	686	65
1,431	1,145	1,205	1,103	1,011	949	863	781	744	66
1,412	1,420	1,134	1,189	1,085	991	925	839	756	71
1,487	1,471	1,475	1,175	1,228	1,116	1,017	946	853	76
1,489	1,493	1,474	1,392	1,310	1,178	1,190	949	918	83
1,539	1,479	1,482	1,458	1,372	1,288	1,154	1,161	920	88
1,614	1,524	1,462	1,461	1,431	1,342	1,256	1,120	1,121	88
1,711	1,646	1,549	1,481	1,475	1,440	1,344	1,254	1,113	1,10
2,207	1,780	1,704	1,598	1,523	1,510	1,468	1,367	1,270	1,11
2,052	2,031	1,787	1,548	1,537	1,478	1,438	1,318	1,326	1,15
2,238	2,143	2,082	1,821	1,617	1,535	1,503	1,414	1,404	1,29 1,39
2,336	2,302	2,199	2,127	1,850	1,638	1,547	1,511	1,418	
2,525	2,368	2,324	2,215	2,138	1,854	1,635	1,535	1,493	1,39 1,50
2,693	2,627	2,456	2,405	2,288	2,196	1,896	1,664	1,556	1,72
3,141	3,092	3,018	2,788	2,714	2,571	2,466	2,125	1,844	1,99
3,684	3,459	3,513	3,313	3,104	2,994	2,832	2,769	2,254 2,939	2,43
4,107	4,053	3,809	3,864	3,575	3,388	3,242	3,060 3,864	3,641	3,42
5,054	4,965	4,925	4,633	4,695	4,255	4,080	4,956	4,647	4,30
6,736	6,302	6,074	6,059	5,699	5,765	5,115	5,460	5,353	4,90
6,916	7,389	6,993	6,611	6,630	6,235 6,904	6,295 6,458	6,428	5,631	5,39
7,711	7,347	7,845	7,312	6,967 8,066	7,753	7,589	7,073	6,961	6,1
8,844	8,567	8,197	8,765 8,544	9,125	8,275	8,027	7,773	7,233	7,0
9,558	9,188	8,916	9,242	8,850	9,433	8,407	8,191	7,795	7,18
11,187	10,070	9,518	10,366	10,095	9,671	10,287	9,026	8,845	8,2
12,599	12,208	11,124 13,365	12,024	11,310	10,962	10,447	11,002	9,756	9,4
14,817	13,841 15,416	14,419	13,856	12,248	11,559	11,088	10,416	10,786	9,5
16,614		15,904	14,931	14,317	12,491	11,878	11,327	10,568	10,8
17,775	17,079 18,346	17,430	16,272	15,334	14,651	12,607	12,066	11,422	10,5
20,226 22,221	21,025	19,190	17,989	16,859	15,890	15,091	12,766	12,269	11,4
25,433	23,909	22,675	20,568	19,364	18,099	16,983	16,027	13,677	13,0
29,637	25,796	24,354	23,050	20,783	19,599	18,230	17,005	15,914	13,6
32,235	30,207	26,132	24,712	23,318	20,813	19,604	18,072	16,658	15,3
36,141	32,735	30,211	25,981	24,707	23,272	20,603	19,428	17,792	16,2
43,529	37,745	34,257	31,230	26,732	25,572	24,087	21,144	20,016	18,2
45,332	43,933	37,989	34,376	31,226	26,625	25,344	23,742	20,694	19,4
47,592	45,608	44,102	38,101	34,441	31,212	26,558	25,216	23,556	20,4

1 3	50.692	49,144	47,005	45,391 51,913	39,146	35,277	31,896	27,038	25,567	23,761
	54,719	53,398	50,827	51,913	43,741	39,317	36,654	29,368	27,949	26,877

54	55	56	57	58	59	60	61	62	63
168	144	137	119	107	90	79	50	42	28
198	177	163	139	126	106	92	64	53	31
226	210	188	158	145	122	104	81	65	34
223	233	214	189	156	140	114	94	69	48
327	254	262	238	206	166	145	114	88	57
382	379	290	295	264	224	175	147	108	74
414	384	377	285	285	249	205	154	122	79
519	370	361	314	307	250	236	155	131	90
502	496	350	338	288	275	218	198	122	92
508	500	489	341	323	269	250	190	162	88
500	515	501	483	331	307	249	222	158	120
629	476	485	466	442	296	268	208	174	110
634	596	446	448	424	394	256	222	162	120
718	631	586	432	428	395	357	223	182	117
758	657	599	505	454	380	372	274	189	130
800	719	617	555	460	405	330	309	214	131
844	755	673	570	505	410	351	274	241	147
866	822	727	638	532	462	363	299	219	171
1,106	857	804	703	607	495	418	316	244	158
1,054	932	829	701	635	517	439	321	251	162
1,151	1,028	901	787	672	580	464	360	272	171
1,281	1,127	997	862	739	618	520	398	290	194
1,360	1,240	1,077	941	799	672	546	441	317	204
1,392	1,349	1,218	1,042	898	744	608	475	359	229
1,622	1,486	1,406	1,258	1,063	894	740	596	432	283
1,861	1,737	1,583	1,454	1,283	1,080	878	750	497	339
2,109	1,959	1,807	1,642	1,461	1,278	1,042	816	646	386
2,894	2,445	2,259	2,050	1,853	1,590	1,370	1,068	786	547
4,031	3,454	2,843	2,608	2,322	2,077	1,706	1,432	1,042	685
4,636	4,185	3,637	2,911	2,639	2,298	2,020	1,570	1,254	809
4,979	4,599	4,151	3,497	2,781	2,456	2,087	1,751	1,289	904
5,798	5,331	4,886	4,421	3,615	2,848	2,438	1,999	1,562	1,032
6,351	5,848	5,364	4,863	4,384	3,448	2,664	2,175	1,677	1,156
6,846	6,188	5,513	4,975	4,393	3,890	2,900	2,152	1,625	1,109
7,586	7,104	6,468	5,597	4,987	4,313	3,762	2,649	1,861	1,243
8,866	8,090	7,590	6,761	5,869	5,142	4,348	3,651	2,434	1,516
9,025	8,372	7,499	6,920	5,885	4,990	4,177	3,343	2,581	1,516
9,668	8,993	8,330	7,409	6,824	5,654	4,763	3,849	2,904	1,997
10,666	9,548	8,697	7,950	6,923	6,256	4,939	4,014	3,021	2,006
10,484	10,437	9,350	8,351	7,584	6,532	5,831	4,381	3,407	2,289
12,101	11,061	10,975	9,685	8,604	7,657	6,418	5,498	3,899	2,687
12,820	11,809	10,767	10,639	9,234	8,130	7,065	5,718	4,608	2,944
13,196	12,122	10,954	9,861	9,532	7,970	6,800	5,608	4,205	2,978
14,866	12,828	11,608	10,352	9,287	8,845	7,168	5,928	4,586	3,056
16,575	15,013	13,050	11,655	10,284	9,165	8,575	6,676	5,246	3,627
17,546	15,822	14,154	12,124	10,625	9,122	7,850	7,008	5,084	3,530
19,169	17,272	15,531	13,881	11,866	10,310	8,707	7,288	6,170	4,021
20,567	19,175	17,179	15,337	13,588	11,410	9,662	7,848	6,175	4,663
22,383	21,261	19,059	17,066	15,469	12,822	10,912	8,759	6,662	5,430

64	Total
13	17,368
16	20,507
19	23,589
19	26,798
30	33,520
36	42,477
40	46,697
44	49,781
47	52,241
50	57,139
49	63,594
62	66,612
353.44	
57	69,556
65	76,312
65	81,749
68	86,440
68	90,625
78	97,807
93	107,493
80	109,773
87	118,650
92	128,830
103	139,046
111	154,102
137	184,055
168	216,258
193	250,853
247	322,458
349	420,623
394	496,601
434	557,662
536	638,072
579	697,709
565	789,060
638	903,962
765	1,039,125
694	
891	1,229,889
1,024	
1,147	1,468,306
1,352	1,628,502
1,527	1,767,720
1,421	
1,621	- 0
1,823	
1,820	
2,120	2,417,601
2,285	2,598,084
2,571	2,800,796

Statistical appendix C

Statistical appendix C demonstrates the background statistics based on the estimation of Japan from 1947 to 1995. The characteristics of those data have already explained in chapter 4, then the following Tables only show the figures and their sources, but many Tables include estimated values expressed in red figures.

Table C-1: Estimated Male Population by Age

	: Esumate				1074	10.50	1050	1074	1055
Age	1947	1948	1949	1950	1951	1952	1953	1954	1955
15	871,785	875,977	880,189	884,422	888,809	893,219	897,650	902,103	906,578
16	861,470	861,194	860,918	860,642	847,336	834,235	821,337	808,638	796,136
17	826,178	840,323	854,710	869,344	866,024	862,717	859,423	856,141	852,872
18	806,677	824,565	842,850	861,541	866,913	872,318	877,756	883,229	888,736
19	778,462	798,969	820,016		852,423	863,366	874,450	885,677	897,047
20	779,465	787,149	794,908	802,744	814,779	826,994	839,392	851,976	864,749
21	743,288	756,528	770,003	783,719	793,494	803,391	813,412	823,557	833,829
22	688,986	713,283	738,438	764,479	779,578	794,976	810,678	826,690	843,018
23	610,123	654,280	701,633		768,269	784,459	800,990	817,870	835,105
24	540,594	598,194	661,931		749,134	766,188	783,630	801,469	819,714
25	508,479	558,818	614,141		695,535	716,757	738,627	761,163	784,388
26	484,361	523,032	564,791		639,236	670,001	702,247	736,044	771,468
27	512,924	522,984	533,242		580,969	620,791	663,344	708,812	757,398
28	445,542	465,267	485,866		547,063	589,854	635,992	685,740	739,378
29	459,607	468,240	477,035	3.5	526,143		616,660	667,601	722,750
30	470,024	485,422	501,325		545,524	574,790	605,626	638,115	672,348
31	482,991	467,373	452,260	VC. 500000	466,947	27,11,21,7,4	531,592	567,196	605,186
32	470,148	465,469	460,836		471,360	486,972	503,102	519,765	536,980
33	486,143	479,329	472,610	465,986	473,268	A 100 CO	488,174	495,802	503,550
34	471,381	475,098	478,845	482,621	481,930	and the second second	480,550	479,862	479,175
35	466,790	469,138	471,497	and the second s	481,020	488,280	495,649	503,129	510,722
36	472,637	477,954	483,331		476,654	464,840	453,319	442,084	431,127
37	469,089	470,831	472,580		468,943	17071	458,342	453,131	447,980
38	466,941	470,197	473,475		472,834		465,049	461,204	457,391
39	454,102	456,837	459,589		464,324		468,284	470,277	472,278
40	456,157	457,066	457,977	20 TO THE RESERVE OF THE PARTY	460,104		462,542	463,767	464,994
41	409,642	425,435	441,836		462,562	The second second	470,037	473,819	477,632
42	415,118	425,241	435,611		449,734	The state of the s	456,817	460,401	464,012
43	405,748	418,323	431,288	Land Control of Control	448,593			460,617	464,696
44	423,943	412,421	401,212		402,184		427,032	440,026	453,416
45	422,027	416,258	410,568		413,637			440,814	450,264
46	415,649	408,301	401,082		403,771	and the same of th		434,591	445,379
47	392,223	398,827	405,543	412,372	416,183				431,780
48	365,972	380,043	394,656		413,921	418,053	and the second s		430,697
49	368,340	377,878	387,662	397,700	393,553			381,371	377,395
50	344,634	353,679	362,961	372,487	375,835	379,214	382,623	386,063	389,533
51	333,510	337,732	342,008	346,338	352,784	359,349	366,037	372,850	379,789
52	329,871	337,433		353,080	360,990	369,076	377,344	385,797	394,440
53	305,111	313,287	321,682	330,302	341,164	352,384	363,973	375,943	388,306
54	286,598	296,415		317,068	328,271	339,869	351,877	364,309	377,181
55	286,283	293,212	300,309	307,578	316,277	325,222	334,421	343,879	353,605
56	251,255	263,163	275,635	288,699	295,678			317,644	
57	263,202	the second secon		271,109	281,630	292,559	303,912	315,706	327,958

ī	58	268,968	270,010	271,056	272,106	278,983	286,034	293,263	300,675	308,274
1	59	247,231	244,514	241,827	239,169	249,001	259,238	269,896	280,991	292,543
١	60	231,169	236,803	242,573	248,485	254,747	261,167	267,749	274,496	281,414
1	61	195,657	211,290	228,171	246,402	249,323	252,279	255,270	258,297	261,359
1	62	197,791	207,577	217,846	228,624	231,399	234,208	237,051	239,929	242,841
1	63	191,450	197,141	203,001	209,036	214,111	219,309	224,634	230,088	235,674
1	64	180,468	179,311	178,162	177,020	182,382	187,907	193,599	199,463	205,505
L		100,400	117,011	A 7 (Jy.) (744)	177,0204	Attengerone	430735-071			
Γ	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
t	886,634	867,128	848,052	829,395	811,149	866,273	925,143	988,014	1,055,158	1,126,864
1	830,573	866,499	903,980	943,081	983,874	1,030,272	1,078,859	1,129,736	1,183,013	1,238,803
-1	871,667	890,875	910,507	930,572	951,079	1,000,182	1,051,819	1,106,123		1,223,286
	905,943	923,483	941,363	959,589	978,168	1,011,780	1,046,548	1,082,509	1,119,707	1,158,183
- {	908,062	919,213	930,500	941,927	953,493	904,194	857,445	813,112	771,072	731,205
1	864,622	864,495	864,367	864,240	864,113	844,883	826,081	807,697	789,[[723	772,148
- 1	817,384	801,264	785,462	769,971	754,786	787,980	822,635	858,813	896,583	936,013
-	835,946	828,933	821,979	815,084	808,246	827,968	848,171	868,867	890,068	911,787
- 1	836,532	837,962	839,394	840,829	842,266	861,514	881,201	901,339	921,937	943,005
-1	826,818	833,984	841,211	848,502	855,855	870,820	886,047	901,540	917,304	933,344
1	793,817	803,359	813,016	822,789	832,680	837,685	842,719	847,784	852,880	858,006
- 1	778,158	784,907	791,714	798,580	805,505	795,111	784,851	774,723	764,726	754,858
-	770,359	783,542	796,950	810,588	824,459	823,069	821,681	820,295	818,912	817,531
- 1	755,172	771,304	787,780	804,608	821,795		834,735	841,282	847,880	854,529
- 1	739,453	756,543	774,027	791,915	810,217	822,233	834,427	846,801	859,360	872,104
-	692,338	712,921	734,117	755,943	778,418			817,472	830,920	844,590
1	634,493	665,219	697,433	731,207	766,617		787,285	797,827	the state of the s	**************************************
-	574,608	614,872	657,958	704,063	753,399			801,842	818,672	835,855
-	542,613	(No. 10. 1 - 10. 10. 10. 10. 10. 10. 10. 10. 10. 10.	630,065	678,942	731,611	750,489	the second second	789,718	The second of th	
	519,375	The state of the s	610,177	661,368	716,853		51		795,500	(32)
	538,738	568,291	599,465	632,349	667,037	688,927		734,884	759,001	430
	460,241	491,322	524,502	559,922	597,734	ALC: THE SECOND	The second second	696,336		770,950
1	463,273		495,442	512,355	529,845	The second second second	Constant Market	654,311		
	464,930	472,593	480,382	488,300	496,348	The second second				A CONTRACTOR OF THE STATE OF
	472,271	472,264	472,258	472,251	472,244	1000000	E-manufacture (social pay)		A STATE OF THE PARTY OF THE PAR	709,781
١	472,430	479,984	487,660	495,458	503,381					50.000
	466,122	454,890	443,928	433,230	422,790					
	458,848	The state of the s	448,690	443,696	Control of the control of				A COLUMN TO THE REAL PROPERTY OF THE PERTY O	
	461,286		454,541	451,206	447,895			10		
	455,025	The state of the s	458,261	459,888	461,520	To the second second				
	450,967		452,377	453,083	453,791		The state of the s		AND THE RESERVE OF THE PARTY OF	
	448,992		456,305	460,007	463,738	1 9 1 1 1		THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	The second second second	12, 31, 31, 31, 31
	435,611		443,375	447,308	451,277					1010 1000 1000
	434,569		442,418	446,396					The second secon	. 50.00
	388,732	The second secon	412,438	424,827	437,589	The second second	The second secon			
	397,872		415,091	423,977		The second second				
	389,113	A STATE OF THE PARTY OF THE PAR	408,454	418,482	428,756	The state of the s				50
	397,941		405,035	408,630		A CONTRACT OF STREET	A CONTRACTOR OF			- 60
	392,494		401,007	405,332		The state of the s		The same of the same of the	A STATE OF THE PARTY OF THE PAR	A CONTRACTOR OF THE PARTY OF TH
	373,035		364,881	360,870		The second secon		The state of the s	The second of the second of	1 TO SECULO 1
	356 121	259 676	361 230	363 820			1	and the same of th		- 55F3A886-31

366,419

355,788

367,407 363,606 375,163

364,797

371,937

368,970

363,820

349,475

359,155

351,797

361,239

343,274

351,088 340,372

356,131

331,200

335,493 318,622 358,676

337,183

343,202 329,317 393,283

383,506

381,166

379,935

402,668

393,218

385,866

385,540

384,116

374,035

376,523

374,412

412,277

403,175

390,624

391,227

								· market and	- 1
303,045	313,924	325,194	336,869	348,962	345,744	342,556	339,397	336,267	333,166
289,376	297,564	305,984	314,641	323,544	326,498	329,479	332,486	335,522	338,585
267,74	274,284	280,984	287,848	294,880	300,693	306,621	312,666	318,830	325,115
252,230	261,982	272,110	282,631	293,558	301,042	308,717	316,588	324,660	332,937
242,259		255,987	263,140	270,493	280,151	290,154	300,514	311,244	322,357
214,585		233,967	244,305	255,099	264,569	274,390	284,575	295,139	306,095
1966	1967	1968	1969	1970	1971	1972	1973	1974	1975
1,067,13		957,000	906,272	858,233	848,878	839,625	830,472	821,420	812,466
1,150,41	20.00	992,095	921,306	855,567	850,334	845,133	839,964	834,826	829,720
1,151,49		1,020,306	960,427	904,063	883,278	862,970	843,130	823,746	804,807
1,113,25	1 ' '	1,028,569	988,672	950,322	913,183	877,495	843,201	810,248	778,583
778,96	The second secon	884,054	941,799	1,003,317	962,449	923,246	885,640	849,565	814,960
826,44	STATE OF THE PARTY	946,757	1,013,331	1,084,586	1,033,319	984,476	937,941	893,606	851,366
981,82	The second second	1,080,282	1,133,154	1,188,614	1,109,702	1,036,030	967,248	903,033	843,081
		1,060,262	1,126,844	1,188,109	1,123,653	1,062,694	1,005,042	950,518	898,952
961,36		1,052,379	1,091,587	1,132,255	1,093,554	1,056,175	1,020,074	985,207	951,532
978,13		798,378	757,875	719,427	771,240	826,785	886,330	950,164	1,018,595
885,99				768,212	825,902	887,924	954,604	1,026,291	1,103,362
839,24			785,386		987,206	1,039,597	1,094,769	1,152,868	1,214,051
788,28	Maria Company	859,639	897,704	937,455	970,734	1,026,532	1,085,536	1,147,932	1,213,915
836,69		The state of the s	896,941	917,970	991,492	1,020,332	1,073,952	1,117,719	1,163,269
873,31		912,128	932,178	952,668	The second second second	850,882	809,137	769,441	731,692
885,45	Contract of the contract of th	912,778	926,754	940,943	894,780		820,430	804,922	789,707
849,37			863,879	868,770	852,348	836,237	877,080	919,404	963,771
807,41	and the same of th		772,684	761,442	798,186	836,704	CONT.		940,695
833,34				823,397	845,624	868,451	891,894	915,969	
836,13	District Control of the Control of t		Colores and	857,017	879,092	901,735	924,962	948,786	973,225
827,11			859,859	871,061	887,644	904,542	921,763	939,311	957,193
795,61	The state of the s	The second second	The second second second second	844,189	850,955	857,775	864,650	871,580	878,565
779,72	The state of the s	The second second second	The state of the s	815,858	806,457	797,165	787,980	778,901	769,926
768,07	The state of the s		The second secon	830,866	830,452	830,039	829,626	829,213	
747,49	and the same of th			822,948		837,803	845,330	852,926	75 P 2 S 1 S 2 S 2 S
728,36				807,713		833,864	847,255	860,861	874,686
682,44				773,260	788,174	803,376	818,871	834,665	1000000
620,88		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	715,205	749,729	762,877	776,256	789,870	803,722	817,817
560,67	The second second second	and the second second second		731,666		769,807	789,616	809,936	
528,71	The second secon		The State of				Control of the last of the las		
500,63	The same of the sa			5000 1000					
521,15				649,065			719,468	744,593	
443,66			A PRODUCT OF A PROPERTY.	581,588				the second of the second	
445,53		The second second		515,348			637,155		and the state of t
445,26					I DESCRIPTION OF THE PARTY OF T	A STATE OF THE PARTY OF THE PAR	The second secon	654,975	A-11-20-00-0
450,56									200 months (100 months)
448,85	Total Control of the			482,272					7
440,17	The second secon		The state of the s	405,365		200			Comment of the comment of the
430,20	The state of the s				The state of the s	al market and the			
429,46	THE RESERVE OF THE PERSON OF T	The state of the s		The second secon	THE PART OF STREET	the second secon			
420,26		The second second second second		\$594 Parties		and the second s	Annual Contracts		02
412,48					The second secon	The state of the s		The state of the s	
406,44							The state of the s		Control of the Contro
393,63			The same time		11 4 4 10 10 10 10 10 10 10 10 10 10 10 10 10				200000000000000000000000000000000000000
394,84				27				The second secon	
344,42	26 356,060	368,100	380,540	393,401	397,237	401,110	405,021	408,970	412,957

у					-		- I	i i	
347,282	356,203	365,352	374,737	384,363	387,777	391,221	394,696	398,201	401,738
334,108	343,349	352,846	362,606	372,636	378,781	385,028	391,377	397,831	404,392
337,063	341,240	345,469	349,751	354,085	360,581	367,196	373,932	380,792	387,778
327,055	331,822	336,659	341,566	346,544	352,948	359,470	366,113	372,878	379,769
304,411	302,737	301,072	299,416	297,769	309,657	322,019	334,874	348,243	362,146
1076	1077	1978	1979	1980	1981	1982	1983	1984	1985
1976	1977		896,598	918,958	932,570	946,384	960,402	974,628	989,065
832,728	853,496	874,781 848,372	854,682	861,039	882,362	904,213	926,605	949,552	973,067
835,891	842,109 817,457	823,857	830,307	836,807	858,099	879,932	902,321	925,280	948,823
811,108			803,650	810,042	836,367	863,547	891,610	920,586	950,503
784,776		797,309 804,039	800,431	796,839	784,913	773,166	761, 5 95	750,197	738,969
811,303		The second secon	809,266	799,070	820,736	842,990	865,847	889,324	913,438
840,640	THE RESERVE OF THE PARTY.	819,591 823,920	817,630	811,388	818,766	826,210	833,723	841,303	848,953
836,645	the second secon	829,3 7 0	807,394	786,000	793,590	801,253	808,990	816,802	824,689
875,132		832,660	796,433	761,782	768,313	774,900	781,543	788,243	795,001
910,133	1777	882,399	841,174	801,876	798,251	794,642	7 91,0 5 0	787,474	783,914
971,008		935,802	885,808	838,484	828,336	818,310	808,406	798,622	788,956
1,044,416		972,009	902,571	838,094	831,069	824,104	817,196	810,347	803,555
1,127,322		1,012,674	953,301	897,409	873,573	850,370	827,784	805,798	784,395
1,142,743	1,073,745	1,012,074	991,424	952,586	911,674	872,519	835,046	799,182	764,859
781,787		892,502	953,607	1,018,895	972,370	927,969	885,595	845,157	806,565
844,230	APPLICATION NAMED IN	964,831	1,031,445	1,102,659	1,045,496	991,296	939,907	891,181	844,981
1,009,480		1,107,503	1,160,029	1,215,045	1,129,336	1,049,673	975,630	906,809	842,843
989,831	1,041,533	1,095,935	1,153,180	1,213,414		1,076,617	1,014,116	955,242	899,787
1,008,423		1,082,684	1,121,841	1,162,414		1,073,425	1,031,518	991,248	952,550
906,207		812,238	768,973	728,013	778,520	832,531	890,289	952,054	1,018,104
858,662		820,199	801,618		838,338	897,062	959,900	1,027,140	1,099,089
804,604		878,716	918,294	56.		1,052,922	1,102,902	1,155,254	1,210,092
849,007	CHARLES AND COMPANY OF THE PARK OF THE PAR	890,911	912,633	934,884	984,035	1,035,770	1,090,224	1,147,542	1,207,873
880,972	100000000000000000000000000000000000000	923,199	945,066	967,450	1,002,783	1,039,406	1,077,367	1,116,714	1,157,498
889,119	CONTRACTOR OF THE PARTY OF THE	918,702	933,861	949,270	899,127	851,632	806,646	764,037	723,678
854,251		861,268	864,798	868,342	849,787	831,628	813,857	796,466	779,447
806,110		783,197	200		795,669	The second second	869,966	909,677	951,201
828,225		823,142	820,613		838,554	859,530		903,067	925,656
826,652	The state of the s	837,784	843,407	- 00	869,701	890,837	44.4	934,661	957,375
815,841	The second second	and the second s	7 7 18 19			The second secon		922,556	938,198
783,060	The second secon	to the second se		Company of the State of the Sta	Description of the Control of the Co	843,766	Maria and State and	852,661	857,144
763,654		782,300	(70%)	The state of the s	790,852	780,443	770,171	760,034	750,030
748,981			795,902	48.4000000	The same of the sa		807,908	806,487	805,068
725,671		and the same of the same of the	53/30	0.70270	5.15.7.2.0	814,305	820,939	827,628	834,371
707,344				100000000000000000000000000000000000000		807,676	820,095	832,704	845,508
660,668				750,312		776,880	790,515	804,389	818,507
597,430			695,948	732,273	741,829	751,510	761,316	771,251	781,316
537,389	The second second second second			556					789,879
504,509	and the second second	A STATE OF THE PARTY OF THE PAR	The second secon	100000000000000000000000000000000000000	the same of the same of the same of			759,117	777,909
478,88	The second secon	And a first of the second	The state of the s		the fact of the same	700,270	719,262	738,768	758,803
492,968	A CONTRACTOR OF THE PARTY OF TH	The second secon		616,407	Contract of the Contract of th	A STATE OF THE PARTY OF THE PAR	The second second second second	700,605	723,393
415,634	Control of the Contro	The state of the s	1 1 1 1 1 1 1 1 1	VAC 1997 C.		605,691	The second secon	671,257	706,655
415,54				100000000000000000000000000000000000000	1.7.50	553,999	594,631	638,244	685,056
412,940		100					564,648	610,198	659,422
414,389	415,826	417,267	418,714	420,166	456,321	495,588	538,233	584,548	634,848
409,609	417,635	425,817	434,160	442,667	468,562	495,971	524,984	555,694	588,200

						121		1411	P.	
- 1	396,551	388,862	381,323	373,929	366,679	393,172	421,578	452,038	484,697	519,717
	385,427	383,090	380,767	378,459	376,164	390,813	406,033	421,846	438,275	455,343
- 1	379,419	379,069	378,720	378,371	378,022	386,418	395,000	403,773	412,740	421,907
- 1	366,109	370,115	374,165	378,259	382,398	384,834	387,286	389,753	392,236	394,735
-										
Γ	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
r	988,399	987,732	987,067	986,402	985,737	950,306	916,148	883,218	851,471	820,866
- 1	986,483	1,000,085	1,013,873	1,027,852	1,042,024	998,907	957,574	917,951	879,968	843,556
- 1	969,145	989,903	1,011,105	1,032,761	1,054,881	1,016,273	979,078	943,245	908,723	875,464
- 1	966,662	983,096	999,810	1,016,807	1,034,094	1,005,527	977,748	950,738	924,473	898,934
	785,915	835,843	888,944	945,418	1,005,479	993,492	981,647	969,944	958,381	946,955
- 1	925,232	937,178	949,278	961,534	973,949	975,424	976,901	978,380	979,861	981,345
- 1	867,192	885,822	904,853	924,293	944,150	960,314	976,754	993,476	1,010,485	1,027,784
- 1	842,894	861,502	880,520	899,958	919,825	942,000	964,709	987,966	1,011,784	1,036,176
1	818,002	841,668	866,019	891,074	916,854	935,130	953,771	972,783	992,174	1,011,951
- 1	769,279	754,917	740,824	726,993	713,421	760,805	811,336	865,223	922,689	983,972
	807,070	825,600	844,555	863,945	883,781	897,656	911,749	926,064	940,603	955,370
	808,168	812,807	817,473	822,166	826,886	847,943	869,536	891,680	914,387	937,672
	789,239	794,112	799,016	803,950	808,914	830,026	851,690	873,919	896,728	920,132
	768,693	772,545	776,417	780,309	784,220	809,696	836,000	863,159	891,199	920,151
- 1	800,082	793,652	787,273	780,945	774,668	763,157	751,818	740,647	729,642	718,800
1	831,982	819,182	806,579	794,171	781,953	802,701	824,000	845,864	868,308	891,348
- 1	833,895	825,042	816,284	807,618	799,044	806,025	813,068	820,172	827,337	834,566
- 1	874,378	849,687	825,693	802,376	779,718	786,921	794,190	801,526	808,930	816,403
	910,754	870,791	832,583	796,050	761,121	766,971	772,866	778,807	784,793	790,825
	971,030	926,133	883,312	842,470	803,517	798,902	794,314	789,752	785,217	780,707
	1,041,074	986,120	934,068	884,763	838,061	827,948	817,957	808,087	798,336	788,702
	1,124,288	1,044,567	970,500	901,684	837,748	830,777	823,865	817,010	810,212	803,470
	1,137,045	1,070,370	1,007,605	948,520	892,900	869,657	847,018	824,969	803,494	782,578
	1,111,875	1,068,050	1,025,953	985,515	946,671	907,089	869,162	832,821	798,000	764,634
	773,487	826,725	883,627	944,445	1,009,449	965,118	922,733	882,210	843,467	806,425
	833,404	891,096	952,782	1,018,738	1,089,260	1,033,650	980,879	930,802	883,282	838,188
	996,650	1,044,270	1,094,166	1,146,445	1,201,223		1,040,658	968,613	901,556	839,141
	974,493	1,025,906	1,080,031	1,137,013	1,197,000		1,065,356	1,005,067	948,190	894,531
	992,349	1,028,600	1,066,176	1,105,124	1,145,495		1,061,536	1,021,893	983,730	946,993
	889,079	842,531	798,421	756,620	717,007		821,834	879,862	941,987	1,008,499
	838,743	820,737	803,117	785,876			883,588	The second secon	1,015,245	1,088,256
	784,306	820,149	857,629	and the second second second second	The second secon	100000000000000000000000000000000000000	1,035,279	1,087,750		1,200,806
	825,307				-turner (1975-2758-4)		1,013,909	1,069,363		1,189,535
	855,276			The second secon	100 20 A 20 TO 100 F		1,017,455	1,056,151		1,138,015
	859,859				24-72-3-1-3-1-3-1-4-1-4-1-4-1-4-1-4-1-4-1-4-1	The state of the s	The second second second second	788,594		
	822,608				OFF A		THE RESERVE OF THE PARTY OF		THE PART OF THE PA	759,251
	771,433	The second second second second							The state of the state of the	927,393
	789,352			The second second	144	The second secon		853,371		900,511
	785,181	The state of the s		The state of the s		The state of the s	and the same of the		the second secon	928,788
	771,170		Comment of the Commen	THE RESIDENCE OF THE PARTY OF	The state of the s				4.7.4.37	
	736,166			The state of the s	The state of the s	1				500 000 000 000 000
	716,154				100000000000000000000000000000000000000					719,936
	699,753			The state of the s	State	Taking the Liver DA A RES TO	The state of the s			
	676,613			The second secon	1			775,973	A CONTRACTOR OF THE PARTY OF TH	
	652,22					the same of the sa	The State of the County		The second second second second	THE REST LEADING SERVICE TO SERVICE SE
	607,46				1		The second secon		The second secon	THE PRINCIPLE OF THE PR
	547,34	576,439	607,08	639,352	673,338	683,419	693,652	704,037	1 / 14,270	123,211

1	489,087	525,331	564,261	606,076	650,990	665,479	680,290	695,430	710,908	726,730
ı	456,327	493,556	533,822	577,372	624,476	640,880	657,715	674,992	692,722	710,919
				549,389						

Sources: Nihon Tokei Kyokai (Japan Statistical Association), Nihon Chokitokei Soran (Historical Statistics of Japan), Vol. 1, pp. 72-77.

Somucho Tokei Kyoku (The Statistics Bureau, Management and Coordination Agency), Wagakuni Jinkono Gaikan (Major Aspects of Population of Japan), Heise 5nen Kokuse Chosa (1990 Census of Japan), Kaisetu series (Abridged Report Series), No. 1, pp. 146-147.

Somucho Tokei Kyoku (The Statistics Bureau, Management and Coordination Agency), Wagakuni Jinkono Gaikan (An Overview of Population of Japan), Heise 7nen Kokusei Chosa (1995 Census of Japan), Kaisetu series (Abridged Report Series), No. 1, pp. 128-129.

Table C-2: Estimated Female Population by Age

Age	1947	1948	1949	1950	1951	1952	1953	1954	1955
15	856,647	860,038	863,442	866,860	870,957	875,074	879,210	883,366	887,541
16	844,888	844,779	844,669	844,560	831,834	819,301	806,956	794,797	782,821
17	815,334	828,397	841,669	855,154	852,789	850,430	848,078	845,733	843,394
18	808,991	821,937	835,090	848,454	854,425	860,437	866,492	872,590	878,730
19	793,425	807,072	820,953	835,073	846,096	857,265	868,581	880,047	891,664
20	777,400	784,883	792,438	800,066	812,371	824,866	837,553	850,435	863,515
21	771,206	777,446	783,737	790,078	798,921	807,863	816,906	826,049	835,295
22	754,115	760,826	767,597	774,428	788,759	803,355	818,221	833,363	848,784
23	705,445	724,984	745,063	765,699	779,329	793,201	807,321	821,691	836,318
24	691,282	713,298	736,015	759,456	771,744	784,231	796,919	809,813	822,916
25	671,789	689,812	708,318	727,321	739,093	751,055	763,210	775,563	788,115
26	641,299	656,013	671,065	686,462	704,242	722,483	741,197	760,395	780,090
27	664,592	667,449	670,319	673,201	690,366	707,968	726,019	744,531	763,514
28	545,282	578,528	613,801	651,224	669,754	688,812	708,412	728,570	749,301
29	557,759	579,332	601,740	625,014	647,864	671,548	696,099	721,547	747,926
30	557,950	588,090	619,858	653,342	666,017	678,938	692,110	705,537	719,225
31	562,947	552,556	542,356	532,345	558,709	586,379	615,418	645,897	677,884
32	551,175	549,637	548,103	546,574	568,052	590,374	613,573	637,683	662,741
33	560,080	556,929	553,795	550,679	568,059	585,988	604,482	623,561	643,241
34	534,760	542,739	550,838	559,057	570,119		592,905	604,638	616,602
35	533,357	536,067	538,791	541,528	560,686		601,058	622,322	644,338
36	529,332	537,067	544,915	552,877	547,074	541,332	535,650	530,028	524,465
37	509,506	516,604	523,801	531,098	532,351	533,607	534,867	536,129	537,394
38	500,683	512,183	523,947	535,982	537,035	THE PRESENCE OF THE PARTY OF TH	539,147	540,206	541,267
39	479,346	489,508	499,886	510,483	517,806	A STATE OF THE PARTY OF THE PAR	532,769	540,412	548,164
40	460,245	470,589	481,165	491,979	499,532		514,989	522,895	530,923
41	396,238	425,583	457,101	490,953	500,611	510,460	520,502	530,742	541,183
42	413,444	430,012	447,245	465,168	475,742		497,615	508,927	520,495
43	396,635	414,860	433,923	453,861	467,321	110,727,100	495,450	510,143	525,272
44	414,828	403,606	392,687	382,064	403,619		450,447	475,860	502,707
45	409,998	409,180	408,364	407,549	421,984	436,931	452,406	468,430	485,022
46	399,021	394,439	389,909	385,431	402,424	420,166	438,690	458,031	478,224
47	380,110	388,308	396,683	405,239	414,040		432,221	441,608	451,199
48	350,746	366,881	383,758	401,411	409,357		425,724	434,151	442,745
49	354,759	364,903	375,338	386,071	383,722	381,387	379,067	376,760	374,468
50	325,100	337,654	350,693	364,235	370,363	the state of the s	382,930	389,373	395,924
51	319,116	323,277	327,491	331,761	339,929		356,874	365,660	374,663
52	313,280	323,044	333,113	343,496	352,715	500 1 5 THE RESERVE OF THE RESERVE O	371,903	381,885	392,135
53	295,745	303,033	310,500	318,152	330,740	343,827	357,431	371,574	386,276

	2 797			i de la companione de l			accord	200 400	371,243
54	279,014	289,525	300,431	311,749	322,831	334,308	346,192	358,499	350,441
55	279,999	286,880	293,931	301,155	310,424	319,978	329,826	339,977	
56	249,248	260,150	271,529	283,405	289,954	296,653	303,508	310,521	317,696
57	267,723	267,522	267,320	267,119	278,123	289,581	301,510	313,931	326,864
58	272,907	273,245	273,584	273,923	280,162	286,543	293,069	299,744	306,571
59	257,643	253,277	248,985	244,766	254,290	264,185	274,464	285,144	296,239
60	243,002	248,839	254,817	260,938	265,568	270,280	275,076	279,957	284,924
61	213,161	227,860	243,573	260,369	261,511	262,657	263,809	264,965	266,127
62	219,496	226,400	233,521	240,866	242,787	244,723	246,675	248,642	250,625
63	222,125	224,931	227,773	230,650	234,173	237,750	241,382	245,069	248,812
64	215,026	210,421	205,915	201,505	204,947	208,447	212,008	215,629	219,312
			700						
1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
868,17		830,712	812,590	794,863	847,767	904,192	964,372	1,028,558	1,097,016
817,26		890,756	929,945	970,859	1,015,207	1,061,580	1,110,072	1,160,779	1,213,802
861,93		900,262	920,058	940,289	987,274	1,036,607	1,088,405	1,142,792	1,199,896
and the second second	The Control of the Co	932,966	951,778	970,970	1,002,154	1,034,340	1,067,559	1,101,846	1,137,233
896,44		928,439	941,031	953,794	903,032	854,972	809,469	766,388	725,600
903,75		The second secon	870,711	872,519	853,429	834,756	816,492	798,628	781,154
865,30	500	868,906	779,671	766,354	800,603	836,383	873,762	912,811	953,606
821,02	The state of the s	793,220		827,142	846,609	866,535	886,929	907,803	929,169
844,41		835,732	831,426		877,945	897,920	918,350	939,244	960,613
840,69		849,507	853,949	858,415	884,027	899,568	915,382	931,475	947,850
831,88	and the second second	850,120	859,387	868,754	848,190	854,117	860,086	866,097	872,150
798,66		820,194	831,175	842,303			786,072	776,950	767,934
786,77		800,313	807,170	814,085	804,638		832,092	832,383	832,674
776,59	The state of the s	803,445	817,215	831,220	831,511		844,824	853,581	862,429
762,76	The second secon	790,426	804,630	819,089	827,579	Committee Committee and an in-	845,591	the state of the state of	871,614
759,57		783,416	795,617	808,007			812,921	The state of the s	839,450
729,99		752,008	763,265	774,690			1 4 4 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	E 45 11 15 15 15 15 15 15	815,832
694,83		730,029	748,287	767,002	41 41	0.000	795,938	 Internal Control of the Control of the	831,390
679,89	697,485	715,535	734,051	753,047			799,119		110000000000000000000000000000000000000
661,33	679,930	699,052	718,712	738,925	CONTRACTOR OF STREET		785,206		avaca (SESTAR
639,03	662,289	686,386	711,360	737,243	A 400 A				Sept. 10 (1997) 2 (1997)
657,22	29 670,379	683,791	697,472	711,426					
550,5	577,862	606,566	636,696	668,322		The state of the s	3 32 40 34 42 44 5		2 1
558,7	59 580,973	604,071	628,086	653,057			The second second second		25 1111
558,59	576,480	594,937	613,985	633,642		The state of the s			A CONTRACTOR OF THE PARTY OF TH
559,7		583,535	595,826	608,375			The second of the second	The state of the s	A STATE OF THE PARTY OF THE PAR
550,2	10 570,198	590,912	612,378	634,624				The second secon	
535,8	31 530,532	525,286	520,091	514,948	1				
521,7	01 522,909	524,120	525,334	526,551				The second second	Control of the control of
526,3	Dill to the second seco	528,610	529,727	530,847		The second secon			
509,5	AND COMPANY	523,487	530,603	537,810		The second secon	AND ADDRESS OF THE PARTY OF THE	1	
491,8	the same of the base of the	505,891	513,046	520,30	539,51			The state of the s	and the second s
487,9	A STATE OF THE PARTY OF THE PAR	507,845	518,120	528,604	524,174	519,782			
462,3	STATE OF THE PARTY			509,968	511,58	513,213	514,843		
455,8			The second second		514,01	515,640			1.000000000000000000000000000000000000
394,9				THE RESERVE OF THE PARTY OF THE		503,928		2000	CONTRACTOR CONTRACTOR
409,9		5,500 35,500	1000	I Neconce / Manag	Contract of the Contract of th	486,210			94 43374
391,3	The second secon				The state of the s	Contract of the contract of th	495,62		
400,6	Carlotte Commence	Contract of		0025 7 1000000		The second secon	7 471,22		
394,0	The same of the sa		2900			A CONTRACTOR OF THE PARTY OF TH	465,81		
369,0	J. Call	The state of the s			10 page 4 to 10 page 1			6 444,94	468,965
309,0	300,72	20 616	100		8				

					22	8	545			12
1	355,997	361,641	367,375	373,199	379,116	393,049	407,495	422,471	437,998	454,095
١	325,516	333,528	341,738	350,149	358,768	374,129	390,147	406,851	424,270	442,435
١	335,880	345,144	354,664	364,446	374,498	382,688	391,058	399,610	408,349	417,280
١	318,612	331,126	344,132	357,648	371,695	379,681	387,838	396,171	404,682	413,377
1	307,147	318,457	330,184	342,342	354,948	352,803	350,671	348,553	346,446	344,353
١	294,043	303,454	313,166	323,189	333,533	338,697	343,941	349,266	354,674	360,165
1	272,691	279,418	286,310	293,372	300,609	307,717	314,992	322,440	330,064	337,868
	260,719	271,220	282,144	293,508	305,329	314,222	323,374	332,793	342,486	352,462
	255,112	261,572	268,195	274,986	281,949	293,154	304,804	316,917	329,512	342,607
1	229,067	239,256	249,898	261,013	272,623	282,595	292,932	303,647	314,755	326,268
- 31										
1	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975
	1,037,280	980,797	927,389	876,890	829,140	818,709	808,410	798,240	788,199	778,283
	1,125,849	1,044,270	968,601	898,416	833,316	825,981	818,711	811,505	804,362	797,282
	1,130,018	1,064,209	1,002,233	943,866	888,898	865,400	842,522	820,250	798,566	777,456
	1,094,836	1,054,020	1,014,726	976,896	940,477	900,655	862,519	825,998	791,024	757,530
	773,715	825,020	879,727	938,062	1,000,265	956,008	913,710	873,282	834,644	797,715
	834,406	891,287	952,047	1,016,948	1,086,274	1,029,704	976,080	925,248	877,064	831,389
	998,088	1,044,646	1,093,375	1,144,377	1,197,758	1,112,878	1,034,013	960,736	892,653	829,394
1	977,834	1,029,048	1,082,944	1,139,663	1,199,352	1,130,080	1,064,808	1,003,307	945,358	890,756
1	994,062	1,028,676	THE CONTRACTOR AND ADDRESS OF THE PARTY OF T	1,101,562	1,139,919	1,098,029	1,057,679	1,018,812	981,372	945,309
	898,136	and the second s	806,395	764,100	724,024	774,041	827,514	884,681	945,797	1,011,135
	852,421	833,138	12 821 7 12 7 12 7	795,872	777,868	832,919	891,866	954,986	1,022,572	1,094,941
	802,155	837,901	The state of the s	914,243	954,984	the second secon	1,047,941	1,097,760	1,149,947	1,204,615
	851,777	871,319		911,758	932,676	981,021	1,031,872	1,085,359	1,141,618	1,200,794
	881,241			940,174	960,682	995,093	1,030,736	1,067,656	1,105,898	1,145,510
	885,944	900,509		930,362	945,658	896,080	849,102	804,586	762,404	722,434
	846,115			866,430	873,309	855,846	838,733	821,961	805,525	789,418
	805,283		784,592	774,447	764,433	800,968	839,249	879,359	921,387	965,423
	831,046	A PROPERTY OF THE PARTY OF THE	830,358	830,015	829,671	850,863	872,597	894,885	917,743	941,185
	825,536	772.000	841,517	849,624	857,808	879,188	901,101	923,560	946,579	970,172
	817,285	828,989	840,862	852,904	865,119	882,392	900,010	917,979	936,308	955,002
	786,254	799,120	812,196	The state of the s	838,994	846,940	854,961	863,057	871,231	879,482
	774,349	AT THE CASE OF THE PARTY OF THE	792,516		811,108		794,164	785,825	777,574	769,409
	763,801	10.20.00	794,480	810,279	826,392	827,601	828,813	830,026	831,240	832,457
	748,761	H CONTRACTOR OF THE PARTY OF TH	779,186		810,848		830,098	839,894	849,805	859,833
	742,391			7 / 190					The Control of	868,573
	714,588			751,717		and the second s	796,456	812,921	829,727	846,881
	678,232	the state of the s	A CONTRACTOR OF THE PARTY OF TH					785,350	799,414	813,730
	661,738			and the second of the second	A STATE OF STREET	the same of the sa		785,302	806,053	827,352
	643,491	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	The state of the s				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	772,108		811,558
	617,327	and the second second second	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			10.00	Dec 1 (1774 - 17	11/2 11/2/19	783,413	799,486
	637,253				Manage State of the State of th	THE STREET OF STREET	The state of the s		Charles the Control of	767,543
	533,406					Mark Committee of the C				757,206
	540,717									738,139
	538,866			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		19 4 4 4		11.0		722,615
	539,844						The second secon			719,406
	529,451	The same of the sa				The Part of the College	and the second second		1377	691,231
	513,145		AND COME CONTRACTOR		Contract of the Contract of th	and the second	THE CASE OF STREET		A STATE OF THE PARTY OF THE PAR	646,365
	498,305	and the second second second second second	The state of the s	The second secon			THE RESERVE OF THE PARTY OF THE	The same and the same and	W. W. State of the	
	497,058		The second second			The state of the s			The state of the s	610,805
	477,792									
	459,769									
		70	e 1		74 TH 1	×				

			- 1			1			100 00 4	unn sed
١	451,397	460,541	469,871	479,389	489,100	489,171	489,242	489,313	489,384	489,455
١	427,811	438,607	449,676	461,024	472,658	478,051	483,506	489,023	494,603	500,247
١	426,230	439,482	453,146	467,236	481,763	485,272	488,806	492,367	495,953	499,565
١	364,245	385,286	407,542	431,084	455,986	465,370	474,947	484,721	494,696	504,877
١	374,688	389,797	405,515	421,867	438,878	447,765	456,833	466,083	475,522	485,151
١	353,767	370,414	387,844	406,095	425,204	437,226	449,587	462,298	475,369	488,809
1	360,684	369,098	377,709	386,520	395,537	409,270	423,480	438,183	453,397	469,139
1	350,837	359,264	367,894	376,731	385,780	400,353	415,476	431,171	447,458	464,361
Į	326,031	325,795	325,558	325,322	325,086	345,444	367,078	390,066	414,494	440,451
l	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
1	796,913	815,989	835,521	855,521	876,000	887,681	899,518	911,513	923,668	935,985
1	801,986	806,718	811,478	816,266	821,082	840,426	860,226	880,492	901,236	922,468
1	782,172	786,917	791,690	796,492	801,324	820,537	840,210	860,355	880,983	902,105
1	761,928	766,352	770,802	775,278	779,779	803,965	828,901	854,611	881,118	908,447
١	792,170	786,664	781,197	775,767	770,375	758,013	745,848	733,880	722,103	710,515
1	819,930	808,630	797,485	786,494	775,654	795,463	815,778	836,611	857,977	879,888
1	821,509	813,700	805,964	798,302	790,713	796,379	802,085	807,833	813,621	819,451
1	865,614	841,183	817,440	794,368	771,947	777,040	782,167	787,327	792,522	797,751
	902,652	861,919	823,025	785,885	750,422	755,022	759,650	764,306	768,991	773,704
	962,967	917,094	873,406	831,799	792,174	786,409	780,686	775,004	769,364	763,765
	1,034,568	977,523	923,624	872,697	824,578	813,659	802,884	792,252	781,761	771,409
I	1,117,674	1,037,009	962,165	892,722	828,292	820,097	811,984	803,950	795,996	788,121
	1,131,002	1,065,267	1,003,352	945,036	890,109	864,901	840,406	816,605	793,479	771,007
	1,102,322	1,060,762	1,020,769	982,283	945,249	902,779	862,216	823,477	786,478	751,141
	772,149	825,286	882,079	942,780	1,007,659	960,613	915,764	873,009	832,250	793,394
	842,009	898,104	957,936	1,021,754	1,089,823	1,031,204	975,738	923,256	873,596	826,608
	1,008,404	1,053,298	1,100,191	1,149,172	1,200,333	1,114,647	1,035,078	961,189	892,574	828,858
	987,662	1,036,434	1,087,614	1,141,321	1,197,681	1,128,588	1,063,481	1,002,130	944,318	889,841
	1,002,401	1,035,701	1,070,106	1,105,655	1,142,385	1,099,486	1,058,198	1,018,460	980,215	943,406
	902,538	852,956	806,099	761,815	719,964	769,973	823,457	880,655	941,826	1,007,246
	859,862	840,680	821,925	803,589	785,662	838,589	895,081	955,379	1,019,739	1,088,435
	804,887	842,002	880,827	921,443	963,932		1,051,587	1,098,360	1,147,214	1,198,240
	852,831	873,703	895,086	916,992	939,435	985,854	1,034,567	1,085,686	1,139,332	1,195,628
	880,402	901,464	923,029	945,111	967,720	999,854	1,033,054	1,067,358	1,102,800	1,139,419
	884,302	900,315	916,618	933,217	950,116	898,374	849,450	803,191	759,450	718,092
	851,894	856,937	862,009	867,112	872,245		835,891	818,285	801,051	784,180
	803,524	793,445			763,962	799,483	836,655		916,265	958,867
	827,010	826,669	826,327	825,986	825,645		867,206	The same of the sa	910,860	933,504
	819,748	828,021	836,377		853,343		895,271		939,260	962,058
	811,863		837,194	850,154	863,315		894,904		927,649	944,468
	781,303	795,310	809,568		838,855		849,667	The second secon	860,619	866,148
	766,791	776,498	786,328		806,362		786,922	The state of the s	767,950	758,637
	753,647				819,005		818,819		818,632	818,539
	738,048				803,147				837,404	846,194
	732,977				789,872	and the second second second	Company of the Compan			854,975
	704,160	717,330				Charles San Property and the Party and		COLUMN TO STATE OF THE CASE	816,239	831,392
	665,094	684,366			PERSON VOCUMEN	The second secon		A STATE OF THE PARTY OF THE PAR	785,944	796,367
	649,709						759,476		791,252	
	631,105		14.1				The second secon			COLUMN TO SERVICE AND ADDRESS OF THE PARTY O
	606,741			A Company of the Comp					Carl Control	
	620,584									
	515,420	542,762	571,555	601,875	633,804	652,810	672,387	692,550	713,318	734,709

	1		ana no d	cro corl	comound	656,007	675,534	695,642	716,348
521,956	544,607	568,241	592,901	618,631	637,045	639,176	660,246	682,011	704,493
518,040	537,199	557,066	577,667	599,031	618,778	616,106	639,493	663,769	688,966
517,615	530,675	544,064	557,792	571,865	593,573	4.714	635,318	650,274	665,583
504,936	525,528	546,960	569,266	592,481	606,429	620,705	556,681	586,923	618,809
486,013	483,232	480,468	477,719	474,986	500,790	527,997	552,843	577,648	603,566
472,199	475,278	478,378	481,498	484,638	506,383	529,103		561,221	582,863
467,913	471,492	475,099	478,733	482,395	500,997	520,317	540,382	540,050	554,815
448,987	457,688	466,558	475,600	484,817	498,072	511,689	525,678	340,030	554,012
1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
936,326	936,668	937,009	937,351	937,693	903,660	870,862	839,254	808,794	779,439
935,313	948,337	961,542	974,931	988,506	947,273	907,760	869,895	833,610	798,838
922,080	942,498	963,368		1,006,504	969,096	933,079	898,400	865,010	832,861
923,645	939,096	954,807	970,780	987,020	959,614	932,969	907,064	881,878	857,391
755,401	803,122	853,859	907,800	965,149	952,524	940,064	927,767	915,631	903,654
890,162	900,556	911,072	921,710	932,473	933,482	934,492	935,503	936,516	937,529
837,356	855,653	874,350	893,455	912,977	926,382	939,983	953,785	967,788	981,998
816,047	834,762	853,906	873,489	893,522	913,811	934,561	955,782	977,485	999,681
796,396	819,754	843,797	868,545	894,019	910,185	926,643	943,398	960,457	977,824
750,334	737,139	724,177	711,442	698,931	744,229	792,462	843,821	898,509	956,741
789,256	807,516	826,198	845,312	864,869	877,081	889,466	902,026	914,763	927,680
792,340	796,581	800,845	805,131	809,441	829,439	849,931	870,929	892,446	914,494
775,081	779,177	783,295	787,434	791,595	811,406	831,712	852,526	873,862	895,731
754,452	757,778	761,118	764,473	767,843	791,914	816,740	842,344	868,751	895,985
786,288	779,246	772,267	765,351	758,496	746,871	735,424	724,153	713,054	702,126
814,404	802,380	790,534	778,863	767,364	786,640	806,401	826,658	847,424	868,712
819,945	811,127	802,405	793,776	785,240	790,789	796,378	802,006	807,673	813,381
864,099	839,101	814,827	791,255	768,365	773,793	779,259	784,764	790,308	795,891
900,904	860,317	821,559	784,547	749,202	753,761	758,348	762,962	767,605	772,276
960,000	914,970	872,052	831,147	792,161	786,106	780,098	774,135	768,218	762,346
1,029,266	973,314	920,404	870,369	823,055	812,537	802,153	791,902	781,783	771,792
1,112,548	1,032,984	959,110	890,519	826,834	818,902	811,047	803,267	795,562	787,930
1,126,312	1,061,015	999,503	941,557	886,971	862,259	838,236	814,881	792,178	770,107
1,096,503	555.0	1,015,460	977,212	940,406	899,318	860,025	822,449	786,515	752,151
767,521	820,353	876,821	937,176	1,001,685	956,305	912,980	871,619	832,131	794,432
836,350	891,992	951,334	1,014,625	1,082,127	1,024,704	970,327	918,836	870,078	823,907
The state of the s	1,046,122	The state of the state of the state of	The state of the s	1,192,114	1,108,222	1,030,234	957,734	890,336	827,681
979,639	1,028,055	1,078,863		1,188,137	1,120,577		996,765		886,632
993,910	1,026,817	1,060,813	1,095,935	1,132,220	1,090,879	1,051,048	1,012,671	975,696	940,070
893,005	The state of the s	798,338	Company Land Co. Co. Co.	713,707	763,578	816,933	874,017		1,000,430
847,518	- Contracting 1	811,451	The second second second	776,919	829,890	886,473	946,914		1,080,439
793,398		867,773		949,119	993,092	1,039,102	1,087,244		1,190,322
838,647		880,356	901,982	924,139	970,736	1,019,683		The state of the s	1,181,836
866,638	The second secon	909,019	930,980	953,472	985,898	1,019,426	1,054,095	THE RESIDENCE AND ADDRESS OF TAXABLE PARTY.	1,127,009
869,865		900,428		932,065	882,797	836,132	791,935		710,425
835,929		845,077	849,689	854,326	836,773	819,581	802,742	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	770,095
786,303	manufacture and the last	766,555	Distriction of the Land	747,303	1. 18 18 18 18 18 18 18 18 18 18 18 18 18	820,084	859,091		942,760
807,968		- 100 -	PARTITION OF THE PARTIT	809,303		A second second	872,245		916,903
801,370		The state of the s		835,977		the second secon	900,118		945,590
791,013	The second second		830,599	844,229		The second secon	891,678	A CONTRACTOR OF THE PARTY OF TH	924,783
759,230				815,172			834,338	The second secon	And the second s
744,592	The state of the s				1 1 2 7 2 3 5 3			The state of the s	The state of the s
731,482		762,714	778,828	795,281	796,222	797,164	798,108	799,052	799,998
- 55.50									

719,322 703,317 678,158 637,602 621,740	734,462 717,967 690,970 656,965 640,461 622,310	749,922 732,922 704,025 676,917 659,746 643,024	765,707 748,189 717,326 697,474 679,612 664,427	781,824 763,774 730,878 718,656 700,076 686,543	790,307 777,283 744,898 728,713 715,140 701,441	798,881 791,032 759,186 738,911 730,529 716,663	807,549 805,023 773,749 749,252 746,249 732,215	816,310 819,262 788,590 759,738 762,307 748,105	825,167 833,753 803,717 770,370 778,710 764,339
602,264	622,310	643,024	664,427	686,543	701,441	716,663	732,215	748,105	764,339
576,544	599,125	622,590	646,973	672,312	686,448	700,880	715,617	730,663	746,025

Sources: Nihon Tokei Kyokai (Japan Statistical Association), Nihon Chokitokei Soran (Historical Statistics of Japan), Vol. 1, pp. 72-77.

Somucho Tokei Kyoku (The Statistics Bureau, Management and Coordination Agency), Wagakuni Jinkono Gaikan (Major Aspects of Population of Japan), Heise 5nen Kokuse Chosa (1990 Census of Japan), Kaisetu series (Abridged Report Series), No. 1, pp. 146-147. Somucho Tokei Kyoku (The Statistics Bureau, Management and Coordination Agency), Wagakuni Jinkono Gaikan (An Overview of Population of Japan), Heise 7nen Kokusei Chosa (1995 Census of Japan), Kaisetu series (Abridged Report Series), No. 1, pp. 128-129.

Table C-3: Male Probability of Survival (1 - Mortality Rate) from Aged 15 to

	Aged	64								
Age	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956
15	0.99739	0.99773	0.99808	0.99842	0.99877	0.99885	0.99893	0.99902	0.99910	0.99911
16	0.99671	0.99714	0.99758	0.99801	0.99845	0.99856	0.99866	0.99877	0.99888	0.99889
17	0.99572	0.99630	0.99689	0.99747	0.99806	0.99818	0.99830	0.99843	0.99855	0.99857
18	0.99449	0.99527	0.99605	0.99683	0.99761	0.99775	0.99790	0.99804	0.99819	0.99824
19	0.99326	0.99424	0.99522	0.99620	0.99718	0.99735	0.99752	0.99770	0.99787	0.99794
20	0.99231	0.99345	0.99458	0.99572	0.99686	0.99704	0.99723	0.99741	0.99760	0.99770
21	0.99167	0.99290	0.99414	0.99537	0.99661	0.99680	0.99699	0.99719	0.99738	0.99749
22	0.99118	0.99246	0.99375	0.99504	0.99633	0.99655	0.99677	0.99699	0.99721	0.99733
23	0.99076	0.99208	0.99340	0.99472	0.99604	0.99631	0.99658	0.99686	0.99713	
24	0.99045	0.99181	0.99317	0.99453	0.99589	0.99619	0.99649	0.99679	0.99709	0.99721
25	0.99040	0.99175	0.99310	0.99445	0.99581	0.99612	0.99643	0.99675	0.99706	- 30 - 20 - 20
26	0.99070	0.99196	0.99322	0.99448	0.99574	0.99607	0.99641	0.99674	0.99708	
27	0.99104	0.99221	0.99339	0.99456	0.99574	0.99609	0.99643	0.99678	0.99713	0.99724
28	0.99128	0.99238	0.99347	0.99457	0.99567	0.99604	0,99641	0.99678	0.99715	The second second
29	0.99146	0.99249	0.99351	0.99454	0.99557	0.99596		0.99675		
30	0.99156	0.99258	0.99359		0.99563	0.99600	0.99637	0.99674	0.99711	0.99724
31	0.99155	0.99260	0.99365	0.99471	0.99576	0.99609		0.99676		The second second
32	0.99147	0.99254	0.99361	0.99468	0.99575	0.99607				The state of the s
33	0.99138	0.99245	0.99352		0.99567	0.99598	the own out to be and		1	
34	0.99145	0.99249	0.99353	The second second	0.99561	0.99591	A 100 THE R. P. LEWIS CO., LANSING, MICH.			
35	0.99147	0.99248	0.99349	0.99450	0.99551	0.99581		The state of the s		
36	0.99137	0.99235	0.99333		0.99530	0.99564	0.99598			
37	0.99126	0.99223	0.99320			0.99549				The state of the s
38	0.99116	0.99212	0.99307	0.99403	0.99499	0.99533		A CONTRACT HARD		The second second second
39	0.99105	0.9919	0.99290	0.99382	5000		0.9954		100,000,000	
40	0.99090	0.9917	0.99264	0.99352						
41	0.99063	0.99149	0.99230	0.99322	0.99409					
42	0.99022	0.9911	0.9920			· · · · · · · · · · · · · · · · · · ·		1		4 4 4 4 4 5
43	0.98972	0.99064	0.9915		The second second second	The second second	The second	The state of the s	1	
44	0.98929	0.99019	0.9910		1				100000000000000000000000000000000000000	
45	0.98892	0.98983	0.9907	0.9916		The second second	A	The second second	NVC COL	
46	0.98847	0.9893	0.9902							The second second
47	0.98773	0.9886	0.9895	0.9903	0.99127	0.9916	0.9919	0.9923	4 0.9927	0.99290
050	62									

48	1 10 1	o oocool	A normal	0.98872	0.98964	0.00054	0.00003	0.00130	0 99168	0.99206	0.99226
Sol				100000000000000000000000000000000000000	- 18.15			The state of the s		100000000000000000000000000000000000000	
51		52400000000	100 CO 100 CO						1	20.00	The state of the s
S2		201	ALCOHOL: NO STATE OF THE PARTY		Control of the Control						The second second
1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1958 1959 1958 1958 1958 1958 1958 1959 1958			A 12 A 22 A 24 A 24 A 24 A 24 A 24 A 24	1000 1000 000	1		The second second				
54					The Control of the Co	1120115-01-1	A CONTRACT OF THE				
55 0.97878 0.98000 0.98134 0.98262 0.98390 0.98487 0.98487 0.98535 0.98481 0.98481 0.98481 0.97191 0.97185 0.97781 0.97860 0.98092 0.98235 0.98355 0.98420 0.98481 0.98481 0.98481 0.98481 0.98481 0.97191 0.97187 0.97731 0.97782 0.97881 0.97880 0.98092 0.98181 0.98185 0.98263 0.98337 0.98335 0.98092 0.97191 0.97192 0.97355 0.97783 0.97881 0.97710 0.97753 0.97768 0.97701 0.97753 0.97680 0.97660 0.966673 0.96886 0.97098 0.97310 0.97523 0.97566 0.97763 0.97763 0.97703 0.97722 0.96673 0.96686 0.96802 0.97034 0.97271 0.97328 0.97384 0.97441 0.97498 0.97571 0.97585 0.97660 0.96673 0.96886 0.96902 0.96037 0.96667 0.96886 0.96067 0.96886 0.9603 0.96213 0.96673 0.96680 0.9					A 100 A			W/A A CONTRACTOR	The state of the s	X	
56 0.97661 0.97732 0.97734 0.98093 0.98238 0.98295 0.98353 0.98431 0.98481 0.98481 58 0.97192 0.97555 0.97519 0.97683 0.97684 0.9816 0.9818 0.98263 0.98037 0.98331 0.99331 0.		1			2,47,2,0			100000	Constitution of the		A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
57		1						The second second			Transfer of the second
58 0.97192 0.97355 0.97519 0.97683 0.97184 0.97322 0.97516 0.97701 0.97753 0.97896 0.97916 0.97752 0.97580 0.97805 0.97916 0.97924 60 0.96675 0.96886 0.97068 0.97103 0.97523 0.97586 0.97613 0.97573 0.97586 0.97613 0.97733 0.97734 0.97721 0.97328 0.97384 0.97414 0.97498 0.97717 0.97287 63 0.95652 0.95884 0.96121 0.96637 0.96602 0.96884 0.96969 0.9602 0.96907 0.97717 0.97124 0.97281 0.97281 0.9532 0.96697 0.9602 0.96021 0.97612 0.97012 0.9									100000000000000000000000000000000000000	Commercial	A PARTY OF THE PAR
59										2007-0-200	O OF STREET
60 0.96675 0.96886 0.97008 0.97310 0.97523 0.97568 0.97613 0.97658 0.97703 0.97722 61 0.96333 0.96678 0.96802 0.97036 0.97727 0.97738 0.97541 0.97471 0.97287 62 0.95933 0.96515 0.96437 0.96666 0.96884 0.97677 0.97717 0.97727 0.97727 0.97728 63 0.95652 0.95886 0.96121 0.96357 0.96593 0.96698 0.96802 0.96907 0.97012 0.97026 64 0.95284 0.95532 0.95780 0.96029 0.96279 0.96393 0.96507 0.96622 0.96736 0.96745 0.9673 0.96907 0.95724 0.95728 0.99913 0.99914 0.99914 0.99917 0.99926 0.99922 0.99925 0.99925 0.99932		C 8 / L 1 / C 1 /			the second second						The second secon
61			The second secon	100000000000000000000000000000000000000	100	The second of the late of the	1000		111111111		
62	60			2012	the same of the sa	45 HONEY (44)	the second second				100
63 0.95652 0.95886 0.96121 0.96357 0.96593 0.96698 0.96802 0.96907 0.97012 0.97012 6.97012 6.95284 0.95532 0.95780 0.96029 0.96279 0.96393 0.96507 0.96622 0.96736 0.96745 0.96745 0.95834 0.95832 0.95780 0.96029 0.96279 0.96293 0.96507 0.96622 0.96736 0.96745 0.99913 0.99914 0.99916 0.99917 0.99912 0.99920 0.99920 0.99920 0.99920 0.99932 0.99932 0.99932 0.99932 0.99800 0.99800 0.99802 0.99863 0.99867 0.99867 0.99867 0.99867 0.99867 0.99867 0.99869 0.99889 0.99889 0.99889 0.99880 0.99820 0.99833 0.99834 0.99852 0.99833 0.99830 0.99830 0.99801 0.99810 0.99810 0.99810 0.99810 0.99810 0.99810 0.99810 0.99810 0.99820 0.99820 0.99820 0.99820 0.99820 0.99830 0.99801 0.99970 0.99778 0.99788 0.99798 0.99798 0.99808 0.99820 0.9	61	0.96335		111111111111111111111111111111111111111	The second second	a more or an activity	1207001001004004	The second second		THE STATE OF A PLANT	
1958 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967	62	0.95993	0.96215			A CONTRACTOR OF THE PARTY OF TH	100000000000000000000000000000000000000	100 100 100 100 100	the was a strict of	A STATE OF THE STA	
1957	63	0.95652	0.95886	0.96121	0.96357		The state of the state of	7 2 3 3 3 7 7 7	100 CO 100 CO 100 CO	A Secretary Co.	the state of the s
0.9981	64	0.95284	0.95532	0.95780	0.96029	0.96279	0.96393	0.96507	0.96622	0.96736	0.96745
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		Ser Continue			0.00000	0.000	0.00000	0.00000	0.99317	0.99332	0.99347
	100000000000000000000000000000000000000	0.99197	A CONTRACTOR OF THE PARTY OF TH		0.99250		0.99283		100000000000000000000000000000000000000	0.99332	0.99290
().99107	0.99123		0.99153	0.99175	0.99196	0.99218	0.99239	0.99261	0.99212	0.99290
().99026	0.99040	THE RESERVE OF THE PARTY OF THE	0.99066	0.99092	0.99118	0.99145	0.99171	0.99197		
(),98932	0.98945	0.98959	0.98972	0.99001	0.99030	0.99060	0.99089	0.99118	0.99136	0.99153
	0.98825	0.98839	0.98854	0.98869	0.98899	0.98929	0,98960	0.98990	0.99020	0.99042	0.99064
	0.98713	0.98727	0.98741	0.98755	0.98787	0.98819	0.98851	0.98883	0.98915	0.98940	0.98965
(0.98601	0.98610	0.98618	0.98626	0.98661	0.98696	0.98731	0.98766	0.98801	0.98827	0.98854
(0.98483	0.98484	0.98485	0.98486	0.98523	0.98561	0.98598	0.98636	0.98673	0.98701	0.98729
10	0.98333	0.98331	0.98329	0.98327	0.98368	0.98409	0.98450	0.98491	0.98532	0.98563	0.98595
10	0,98143	0.98148	0.98153	0.98158	0.98201	0.98244	0.98287	0.98330	0.98373	0.98409	0.98446
10	0.97938	0.97953	0.97967	0.97981	0.98023	0.98065	0.98108	0.98150	0.98192	0.98235	0.98278
	0.97740	0.97759	0.97777	0.97796	0.97837	0.97879	0.97920	0.97962	0.98003	0.98049	0.98095
1	0.97536	0.97555	0.97574	0.97593	0.97634	0.97674	0.97715	0.97755	0.97796	0.97843	0.97890
	0.97303	0.97319	0.97335	0.97351	0.97391	0.97430	0.97470	0.97509	0.97549	0.97600	0.97651
	0.97040	0.97054	0.97068	0.97082	0.97120	0.97157	0.97195	0.97232	0.97270	0.97327	0.97385
	0.96754	0.96763	0.96772	0.96781	0.96821	0.96861	0.96900	0.96940	0.96980	0.97042	0.97103
_											
Г	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
	0.99931	0.99931	0.99931	0.99934	0.99936	0.99939	0.99941	0.99944	0.99946	0.99948	0.99950
	0.99911	0.99909	0.99907	0.99911	0.99914	0.99918	0.99921	0.99925	0.99927	0.99930	0.99932
	0.99892	0.99889	0.99886	0.99890	0.99895	0.99899	0.99904	0.99908	0.99911	0.99914	0.99917
1	0.99879	0.99876	0.99873	0.99878	0.99883	0.99888	0.99893	0.99898	0.99901	0.99905	0.99908
- 1	0.99873	0.99871	0.99869	0.99874	0.99879	0,99885	0.99890	0.99895	0.99898	0.99902	0.99905
- 1	0.99868	0.99868		0.99873	0.99879	0.99884	0.99890	0.99895	0.99898	0.99901	0.99905
- 1	0.99863	0.99865		0.99872	0.99878	0.99883	0.99889	0.99894	0.99898	0.99901	0.99905
- 1	0.99860	0.99864	0.99868	0.99873	0.99878	0.99883	0.99888	0.99893	0.99897	0.99901	0.99905
	0.99859	0.99865	THE TAX STREET	0.99875	0.99879	0.99884	0.99888	0.99893	The Part of the Pa	0.99902	0.99906
	0.99858	0.99864		0.99875	0.99880	0.99884	0.99889	0.99894	- A	0.99902	0.99907
-1	0.99856	0.99861		0.99872	0.99878	0.99883	0.99889	0.99895		0,99903	0.99907
-	0.99853	0.99857	Several US	0.99868	0.99875	0.99882	0.99889	0.99896		0.99903	0.99907
-	0.99849	0.99852	The second second		0.99871	0.99880	0.99888		ACM A COMMISSION OF THE PARTY O	0.99902	0.99905
-	0.99844	0.99848	11-11-11-11-11-11-11-11-11-11-11-11-11-	0.99860	0.99868	0.99877	0.99885	L. Section Section 1	The Control of Manager and Man	0.99900	0.99903
	Mary 18 18 18 1	0.99844			0.99865		0.99882		The state of the s	0.99897	0.99900
- 1	0.99840	0.99840			0.99861	0.99869	0.99876		1201720000000	0.99892	0.99896
-	0.99835	0.99835		0.99848			0.9987	0.99878		0.99887	0.99891
- 1		0.99826			0.99847	2 7 7 1 7 2	0.99862	100000000000000000000000000000000000000	100000000000000000000000000000000000000	0.99879	0.99885
1	0.99820	The property of the	0.99820	2.500 - 0.00			100000	1	I The same of the		0.99877
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- 1	0.9936	0.9937	0.99393	0.9940	0.9942	4 0.9944	0.9945	0.9947	1 0.9947	J U.3341.	1.75410

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1	0.99305	0.99319	0.99334	0.99353	0.99371	0.99390	0.99408		The second second	The second second	0.99440
1	0.99242	0.99257	0.99272	0.99294	0.99316	0.99338	0.99360	0.99382	0.99388	0.99394	0.99399
١	0.99171	0.99188	0.99206	0.99231	0.99257	0.99282	0.99308	0.99333	0.99339	0.99346	0.99352
١	0.99086	0.99108	0.99130	0.99159	0.99189	0.99218	0.99248	0.99277	0.99284	0.99292	0.99299
١	0.98990	0.99015	0.99040	0.99074	0.99108	0.99142	0.99176	0.99210	0.99220	0.99230	0.99241
١	0.98880	0.98907	0.98933	0.98972	0.99011	0.99050	0.99089	0.99128	0.99143	0.99158	0.99174
١	0.98758	0.98786	0.98814	0.98857	0.98900	0.98943	0.98986	0.99029	0.99052	0.99074	0.99097
1	0.98626	0.98658	0.98689	0.98736	0.98784	0.98831	0.98879	0.98926	0.98954	0.98982	0.99010
1	The state of the s	0.98519	0.98555	0.98609	0.98663	0.98718	0.98772	0.98826	0.98855	0.98884	0.98913
- 1	0.98482	0.98364	0.98303	0.98471	0.98534	0.98598	0,98661	0.98725	0.98753	0.98781	0.98809
- 1	0.98321	1 × × × × × × × × × × × × × × × × × × ×	0.98233	0.98308	0.98382	0.98457	0.98532	0.98607	0.98637	0.98666	0.98696
- 1	0.98141	0.98187 0.97983	0.98030	0.98117	0.98204	0.98291	0.98379	0.98466	0.98500	0.98535	0.98569
- 1	0.97936	0.97963	0.98030	0.97904	0.98002	0.98101	0.98200	0.98299	0.98340	0.98380	0.98421
	0.97703		0.97557	0.97668	0.97778	0.97889	0.98000	0.98111	0.98158	0.98205	0.98252
	0.97442	0.97500		0.97411	0.97534	0.97656	0.97779	0.97902	0.97957	0.98011	0.98066
5	0.97165	0.97227	0.97289	0.77411	0.27554	0.57000	0.51115	0.5.5.5.4		*	
	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
		0.99954		0.99956	0.99956	0.99957	0.99958	0.99960	0.99961	0.99963	0.99964
	0.99952	0.99934	0.99938	0.99938	0.99939	0.99939	0.99940	0.99942	0.99944	0.99946	0.99948
'n	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	7 100 100 100 100 100 100 100 100 100 10	l. Comment	0.99923	0.99923	0.99923	0.99923	0.99925	0.99927	0.99930	0.99932
H	0.99920	0.99923		0.99914	0.99913	0.99913	0.99912	0.99914	0.99916	0.99918	0.99920
	0.99912	0.99915		0.99911	0.99910	0.99910	0.99909	0.99910	0.99912	0.99913	0.99915
	0.99909	0.99912		0.99911	0.99910	0.99910	0.99910	0.99911	0.99913	0.99914	0.99916
	0.99908	0.99911		0.99911	0.99910	0.99914	0.99914	0.99915	0.99916	0.99917	0.99918
	0.99908	0.99912			0.99916		0.99918		0.99920	0.99920	0.99921
	0.99909	0.99913		0.99915	0.99910	0.99917	0.99921	0.99922	0.99922	0.99923	0.99923
	0.99911	0.99915	1		1	0.99921	0.99922	The state of the s	0.99923	0.99924	0.99924
	0.99911	0.99915			0.99919	0.99921	0.99922		0.99923	0.99925	0.99926
	0.99911	0.9991.	The second of		0.99919		0.99921		0.99924	0.99925	0.99927
	0.99910	1	The state of the s	The supplemental of the		1	0.99920	Male and a second	0.99923	0.99925	0.99927
	0.99908			Salata and Asset	70			facility of the	0.99922	0.99924	0.99925
	0.99906		1					The state of the s	0.99922	0.99923	0.99924
	0.99904				10	100			0.99921	0.99921	0.99922
	0.99900	1000				1	New Color Color	A STATE OF THE STA	0.99918	0.99919	0.99919
	0.99896				10		1 2		0.99918	0.99914	0.99916
	0.99890	1960 (1965) 100 (1965) 100 (1965) 100 (1965) 100 (1965) 100 (1965) 100 (1965) 100 (1965) 100 (1965) 100 (1965)			7.70 000		1	ACCUMANTAL AND	A STATE OF THE STA	0.9991	0.99911
	0,99883		1	The Table 2 of the						100000000000000000000000000000000000000	
	0.99874			100000000000000000000000000000000000000	0.99887	A CONTRACTOR OF THE PARTY OF TH		100000000000000000000000000000000000000		100000000000000000000000000000000000000	
	0.99863		THE RESERVE TO SERVE THE PARTY OF THE PARTY		A STATE OF THE PARTY OF THE PAR	A STATE OF THE PARTY OF THE PAR	The second secon	The state of the s		0.000	A CONTRACTOR OF THE PARTY OF TH
	0.99849				1200	The second second	Carta Character	No. of the Contract of the Con			
	0.9983							The same of the same of the same	A STATE OF THE PARTY OF THE PAR	The same of the same of	
	0.9982			1					WILLIAM CALL		
	0.9980		The state of the s	CANAL STATE	100000000000000000000000000000000000000			The second second second	The state of the s	The state of the s	
	0.9978	The second second	The state of the s	The state of the s					1		Anna Mariana
	0.9976	10000000000000000000000000000000000000	The second second			A STATE OF THE PARTY OF THE PAR			THE RESIDENCE AND ADDRESS OF THE PARTY OF TH	CONTROL WILLIAM	Talker Louis a
	0.9973	20000000	The second second	A CONTRACTOR OF	The second second	The Land					
	0.9970			THE R. LEWIS CO., LANSING, MICH.					1	-	The state of the s
	0.9967				212074800	202	AND AREAD OF THE				
	0.9963			21 (4.5.22)	The state of the s	The second second	The Contract Contract	The common of	A Juneary Land	The state of the s	
	0,9959				0.55 4.75	A. T. C.	ASMACL (3.5 KANA)	A STATE OF THE STA	Total Section	The second second	1
	0.9955	The second second						() VIII (The state of the s	
	0.9951	The second section of the second	The second	and the second second					100 TO 10	No. of the last of	2.0
	0.9948		The second second							2 11 2	
	0.9944	0.9944	9 0.9945	7 0.9946	5 0.9947	4 0.9948	0.9949	0.9951	0.9953	0.9955	0.99574

0.99405	0.99411	0.99415	0.99419	0.99422	0.99426	0.99430	0.99455	0.99480	0.99504	0.99529
0.99359	0.99365	0.99366	0.99367	0.99369	0.99370	0.99371	0.99398	0.99425	0.99451	0.99478
0.99307	0.99314	0.99314	0.99314	0.99314	0.99314	0.99314	0.99340	0.99366	0.99391	0.99417
0.99251	0.99261	0.99260	0.99259	0.99259	0.99258	0.99257	0.99280	0.99302	0.99325	0.99347
0.99189	0.99204	0.99204	0.99203	0.99203	0.99202	0.99202	0.99220	0.99237	0.99255	0.99272
0.99119	0.99142	0.99143	0.99144	0.99144	0.99145	0.99146	0.99159	0.99171	0.99184	0.99196
0.99038	0.99066	0.99071	0.99076	0.99080	0.99085	0.99090	0.99097	0.99105	0.99112	0.99120
0.98942	0.98971	0.98982	0.98992	0.99003	0.99013	0.99024	0.99028	0.99033	0.99037	0.99042
0.98837	0.98865	0.98881	0.98897	0.98914	0.98930	0.98946	0.98949	0.98952	0.98954	0.98957
0.98725	0.98755	0.98775	0.98795	0.98816	0,98836	0.98856	0.98858	0.98861	0.98863	0.98866
0.98604	0.98638	0.98663	0.98688	0.98713	0.98738	0.98763	0.98765	0.98767	0.98768	0.98770
0.98461	0.98502	0.98534	0.98566	0.98599	0.98631	0.98663	0.98666	0.98669	0.98671	0.98674
0.98299	0.98346	0.98386	0.98426	0.98465	0.98505	0.98545	0.98551	0.98557	0.98564	0.98570
0.98120	0.98175	0.98222	0.98268	0.98315	0.98361	0.98408	0.98419	0.98430	0.98442	0.98453

1990	1991	1992	1993	1994	1995
0.99966	0.99966	0.99966	0.99967	0.99967	0.99967
0.99950	0.99951	0.99952	0.99954	0.99955	0.99956
0.99934	0,99936	0.99938	0.99941	0.99943	0.99945
0.99922	0.99925	0.99927	0.99930	0.99932	0.99935
0.99916	0.99918	0.99921	0.99923	0.99926	0.99928
0.99917	0.99919	0.99920	0.99922	0.99923	0.99925
0.99919	0.99920	0.99921	0.99923	0.99924	0.99925
0.99922	0.99923	0.99924	0.99924	0.99925	0.99926
0.99924	0.99925	0.99925	0.99926	0.99926	0.99927
0.99925	0.99926	0.99926	0.99927	0.99927	0.99928
0.99927	0.99927	0.99928	0.99928	0.99929	0.99929
0.99929	0.99929	0.99929	0.99929	0.99929	0.99929
0.99929	0.99929	0.99929	0.99928	0.99928	0.99928
0.99927	0.99927	0.99926	0.99926	0.99925	0.99925
0.99925	0.99925	0.99924	0.99924	0.99923	0.99923
0.99922	0.99922	0.99922	0.99921	0.99921	0.99921
0.99920	0.99920	0.99920	0.99921	0.99921	0.99921
0.99917	0.99917	0.99918	0.99918	0.99919	0.99919
0.99913	0.99913	0.99914	0.99914	0.99915	0.99915
0.99908	0.99908	0.99908	0.99909	0.99909	0.99909
0.99901	0.99901	0.99901	0.99902	0.99902	0.99902
0.99893	0.99893	0.99893	0.99894	0.99894	0.99894
0.99883	0.99884	0.99885	0.99885	0.99886	0.99887
0.99871	0.99873	0.99874	0.99876	0.99877	0.99879
0.99860	0.99862	0.99864	0.99865	0.99867	0.99869
0.99845	0.99847	0.99849	0.99852	0.99854	0.99856
0.99828	0.99831	0.99833	0.99836	0.99838	0.99841
0.99812	0.99814	0.99817	0.99819	0.99822	0.99824
0.99794	0.99796	0.99798	0.99800	0.99802	0.99804
0.99772	0.99774	0.99776	0.99778	0.99780	0.99782
0.99746	0.99747	0.99749	0.99750	0.99752	0.99753
0.99716	0.99717	0.99718	0.99720	0.99721	0.99722
0.99685	0.99687	0.99689	0.99691	0.99693	0.99695
0.99656	0.99658	0,99660	0.99662	0.99664	0.99666
0.99628	0.99629	0.99630	0.99632	0.99633	0.99634
0.99595	0.99595	0.99595	0.99594	0.99594	0.99594
0.99554	0.99553	0.99552	0.99552	0.99551	0.99550

0.99505	0.99505	0.99505	0.99505	0.99505	0.99505
0.99443	0.99447	0.99451	0.99454	0.99458	0.99462
0.99370	0.99380	0.99389	0.99399	0.99408	0.99418
0.99290	0.99305	0.99320	0.99336	0.99351	0.99366
0.99209	0.99228	0.99247	0.99266	0.99285	0.99304
0.99127	0.99148	0.99169	0.99190	0,99211	0.99232
0.99046	0.99066	0.99086	0.99106	0.99126	0.99146
0.98960	0.98977	0.98994	0,99012	0.99029	0.99046
0.98868	0.98881	0.98894	0.98908	0.98921	0.98934
0.98772	0.98794	0.98816	0.98838	0,98860	0.98882
0.98677	0.98679	0.98682	0.98684	0.98687	0.98689
0.98576	-	233416	0.98568	0.98566	0.98563
0.98370		0.98450		0.98437	0.98430
	A STATE OF THE REAL PROPERTY AND ADDRESS OF THE PARTY AND ADDRESS OF TH			Johobu (Statistics at

Source: Kosesho Daijinkanbo Tokei Johobu (Statistics and Information Department, Minister's Secretariat, Ministry of Health and Welfare), Dai Juhatikai Semehyo (*The 18th Life Tables*), 1998, pp. 60-117.

Table C-4: Female Probability of Survival (1 - Mortality Rate) from Aged 15 to Aged 64

	Aged 64										
Age	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	
15	0.99695	0.99739	0.99783	0.99827	0.99871	0.99885	0.99899	0.99914	0.99928	0.99933	
16	0.99628	0.99683	0.99738	0.99794	0.99849	0.99866	0.99882	0.99899	0.99916	0.99921	
17	0.99554	0.99620	0.99686	0.99753	0.99819	0.99838	0.99858	0.99877	0.99897	0.99902	
18	0.99466	0.99545	0.99624	0.99704	0.99783	0.99805	0.99828	0.99850	0.99873	0.99879	
19	0.99373	0.99466	0.99560	0.99653	0.99747	0.99773	0.99799	0.99825	0.99851	0.99859	
20	0.99306	0.99410	0.99514	0.99619	0.99723	0.99750	0.99777	0.99805	0.99832	0.99841	
21	0.99269	0.99378	0,99486	0.99595	0.99704	0.99732	0.99760	0.99789	0.99817	0.99827	
22	0.99249	0.99355	0.99462	0.99568	0.99675	0.99707	0.99739	0.99772	0.99804	0.99815	
23	0.99232	0.99335	0.99438	0.99542	0.99645	0.99682	0.99719	0.99757	0.99794	0.99806	
24	0.99222	0.99324	0.99425	0.99527	0.99629	0.99669	0.99709	0.99749	0.99789	0.99802	
25	0.99235	0.99332	0.99429	0.99526	0.99623	0.99663	0.99703	0.99744	0.99784	0.99797	
26	0.99264	0.99352	0.99440	0.99528	0.99616	0.99657	0.99697	0.99738	0.99779	0.99792	
27	0.99280	0.99361	0.99442	0.99524	0.99605	0.99647	0.99688	0.99730	0.99772	0.99786	
28	0.99279	0.99360	0.99442	0.99523	0.99605	0.99645		0.99725	0.99765	0.99780	
29	0.99272		0.99437	0.99520	0.99603	0.99642		0.99721	0.99760	0.99776	
30	0.99274	A CONTRACTOR OF THE PARTY OF TH	0.99437	0.99515	0.99601	0.99639	0.99677	0.99716	Production of the last of the		
31	0.99285		0.99442	0.99521	0.99600	0.9963	0.99673			1	
32	0.99292		0.99444	0.99521	0.99597	0.99633	The state of the s				
33	0.99296		0.99444	0.99518	0.99592	0.99628	The second secon				
34	0.99300	The same of the sa	0.99443	0.99514	0.99586	0.9962	0.9965		1		
35	0.99300		0.99439	0.99508	0.99578	0.9961		The same state of the same of			
36	0.99298	100-65	0.99433	0.9950	0.99569	0.99602	The state of the s	The state of the s			
37	0.99290	The second secon	The same of the same of the same	0.9949	0.99559	0.99592	0.9962.		\$ W. C.	The state of the s	
38	0.99282			0.9947	0.99540	0.9957	0.9961		100000000000000000000000000000000000000		
39	0.9927		The second second second	0.9946	0.99523	0.9956	0.9959		2000	A CONTRACTOR OF THE PARTY OF TH	
40	0.99249		The second second	0.9944	0.99505	0.9954	0.9958			The state of the s	
41	0.99218	10.00		4 0.9942	0.99491	0.9952	9 0.9956				
42	0.99198				0.99477	0.9951	The state of the s	The state of the s			
43	0.9919	-			0.99464	0.9949	8 0.9953	A STATE OF THE STA			
44	0.9919				0.99442	0.9947		The second second	The same of the same of the same of		
45	0.9918			and the second s	0.99410	0.9944		THE CO. P. LEWIS CO., LANSING,	To the second second		
46	0.9914	100000000000000000000000000000000000000			0.9937	0.9940				The second second	
47	0.9910			5 0.9927	0.9932	0.9936	2 0.9939	6 0.9943	0.99460	0.99483	
)E = 77	0.2710										

48	0.99038	0.99097	0.99157	0.99216	0.99276	0.99310	0.99343	0.99377	0.99411	0.99431
49	0.98961	0.99029	0.99096	0.99164	0.99232	0.99265	0.99298	0.99332	0.99365	0.99387
	0.98889	0.98966	0.99042	0.99119	0.99196	0.99229	0.99262	0.99296	0.99329	0.99350
50		3.01077723-1	0.98981	0.99057	0.99133	0.99172	0.99212	0.99251	0.99291	0.99309
51	0.98829	0.98905	-	N 22 33 3 3	0.99054	0.99099	0.99144	0.99190	0.99235	0.99253
52	0.98769	0.98840	0.98911	0.98983	CATALOG SALA	and the same of	0.99078	0.99124	0.99169	0.99188
53	0.98710	0.98779	0.98849	0.98918	0.98988	0.99033		The second second	200 440 100 400 400 400	0.99129
54	0.98645	0.98716	0.98788	0.98859	0.98931	0.98975	0.99019	0.99064	0.99108	Programme and the second
55	0.98561	0.98634	0.98707	0.98781	0.98854	0.98904	0.98953	0.99003	0.99053	0.99074
56	0.98436	0.98515	0.98595	0.98674	0.98754	0.98812	0.98870	0.98928	0.98986	0.99007
57	0.98303	0.98380	0.98457	0.98534	0.98611	0.98680	0.98750	0.98819	0.98889	0.98912
58	0.98166	0.98247	0.98328	0.98409	0.98490	0.98559	0.98628	0.98697	0.98766	0.98793
59	0.98007	0.98108	0.98209	0.98311	0.98412	0.98471	0.98531	0.98590	0.98650	0.98678
60	0.97793	0.97922	0.98051	0.98180	0.98310	0.98369	0.98428	0.98487	0.98546	0.98573
61	0.97553	0.97700	0.97848	0.97995	0.98143	0.98211	0.98278	0.98346	0.98414	0.98444
62	0.97326	0.97487	0.97648	0.97810	0.97972	0.98039	0.98105	0.98172	0.98239	0.98276
63	0.97173	0.97335	0.97496	0.97659	0.97821	0.97879	0,97937	0.97995	0.98053	0.98094
64	0.96921	0.97064	0.97208	0.97351	0.97495	0.97592	0.97690	0.97787	0.97885	0.97921
04	0.90921	0.97004	0.97200	0.21331	0.57455	0127232	0.51050	0.27707	0.57.002	
1057	1050	1050	1000	1961	1962	1963	1964	1965	1966	1967
1957	1958	1959	1960							0.99966
0.99937	0.99942	0.99946	0.99951	0.99954	0.99956	0.99959	0.99961	0.99964	0.99965	17.01
0.99925	0.99930	0.99934	0.99939	0.99943	0.99947	0.99952	0.99956	0.99960	0.99961	0,99961
0.99907	0.99912	0.99917	0.99922	0.99928	0.99935	0.99941	0.99948	0.99954	0.99955	0.99955
0.99886	0.99892	0.99899	0.99905	0.99914	0.99922	0.99931	0.99939	0.99948	0.99948	0.99949
0.99867	0.99875	0.99883	0.99891	0.99901	0.99911	0.99921	0.99931	0.99941	0.99942	0.99942
0.99851	0,99860	0.99870	0.99879	0.99890	0.99901	0.99911	0,99922	0.99933	0.99934	0.99935
0.99838	0.99848	0.99859	0.99869	0.99880	0.99891	0.99903	0.99914	0.99925	0.99927	0.99929
0.99827	0.99838	0.99850	0.99861	0.99872	0,99884	0.99895	0.99907	0.99918	0.99921	0.99923
0.99818	The state of the s	0.99843	0.99855	0.99866	0.99878	0.99889	0.99901	0.99912	0.99915	0.99918
0.99814	The Reservoir	0.99839	0.99852		0.99874	0.99885	0.99896	0.99907	0.99911	0.99914
0.99810	0.99823	0.99836	0.99849	0.99860	0.99871	0.99881	0.99892	0.99903	0.99907	0.99911
0.99806	100	0.99833	0.99846		0,99866	CHARLES TO SERVICE	0.99887	0.99897	0.99901	0,99906
0.99800		0.99829	0.99843		0.99863		0.99884	0.99894	0,99898	0.99903
0.99795		0.99826	0.99841		0.99861	0.99872	0.99882	0.99892	0.99896	0.99900
3-3-5-3	The second second second	0.99823	0.99839		0.99859	0.99869	0.99879	0.99889	0.99894	0.99898
0.99792	The same of the sa	100	0.99835	1.00	0.99855		0.99875	0.99885	0.99890	0.99895
0.99786		0.99819	\$500 BAC		LONG THE RESERVE			0.99880	1 - 1 - 1 - 1	
0.99779	The state of the s	A SECTION OF SECTION O	(Sept. 2012)		The second second	The second second second			100000000000000000000000000000000000000	
0.99774				The state of the s		1 10 10 10 10 10 10 10 10 10 10 10 10 10		E-4000000000000000000000000000000000000		
0.99767					THE STATE OF THE S			0.99864	- Z 1 Land	The second second
0.99758			1				7,640,640,00	578624-555211	The second second	A
0.9974							1	0.99849	The state of the s	20 May 10
0.99736	0.99753							0.99840		
0.99725	0.99741	0.99758	0.99774				1974	0.99831		
0.9971	0.99728	0.99743	0.99758	0,9977	0.99783	0.99796	0.99808	0.99821		
0.99699	Charles and the same of the same of	The second second	73,152,170,00	0.99755	0.99769	0.99782	0.99796	0.99809	0.99814	0.99820
0.9968			0.0000000000000000000000000000000000000		The state of the s	0.99770	0.99783	0.99797	0.99802	0.99807
0.9967	11355346363	100000000000000000000000000000000000000			7.6	The second second second		0.99782	0.99787	0.99792
0.9965					The state of the s	The state of the s	Title had a			
0.99633		1		11/1/20/20						and the second second second
and the second										The South State of
0.99600	The second second			1			The same of the sa		A PROPERTY OF	50 St 50 St 70 St
0.9957	and the second	1000000		1						
0.9954		1. All control of		A CONTRACTOR OF THE PARTY OF TH	A Control of the Cont					
0.9949		0.000								
0.9945	0.99471	[0.9949]	0.9951	ų 0.9952°	0.9954	N 0.9955	0.99575	0.9959	0.5500	0.99617

*** 921						9			1	
0.99409	0.99430	0.99452	0.99474	0.99491	0.99508	0.99524	0.99541	0.99558	0.99570	0.99583
0.99371	0.99391	0.99412	0.99433	0.99452	0.99471	0.99489	0.99508	0.99527	0.99539	0.99551
0.99328	0.99346	0.99365	0.99383	0.99405	0.99427	0.99448	0.99470	0.99492	0.99505	0.99518
0.99272	0.99290	0.99309	0.99327	0.99351	0,99375	0.99400	0.99424	0.99448	0.99463	0.99477
0.99208	0.99227	0.99247	0.99266	0.99292	0.99318	0.99344	0.99370	0.99396	0.99412	0.99428
0.99150	0.99170	0,99191	0.99212	0.99238	0.99264	0.99289	0.99315	0.99341	0.99357	0.99373
0.99095	0.99116	0.99137	0.99158	0.99183	0.99208	0.99233	0.99258	0.99283	0.99300	0.99316
0.99028	0.99049	0.99070	0.99091	0.99116	0.99141	0.99167	0.99192	0.99217	0.99236	0.99254
0.98935	0.98957	0.98980	0.99003	0.99031	0.99059	0.99088	0.99116	0.99144	0.99167	0.99189
0.98820	0.98847	0.98874	0.98901	0.98933	0.98966	0.98998	0.99031	0.99063	0.99089	0.99116
0.98706	0.98734	0.98762	0.98790	0.98828	0.98865	0.98903	0.98940	0.98978	0.99005	0.99032
0.98601	0.98628	0.98656	0.98683	0.98723	0.98763	0.98802	0.98842	0.98882	0.98906	0.98930
0.98474	0.98505	0.98535	0.98565	0.98605	0.98645	0.98686	0.98726	0.98766	0.98788	0.98811
0.98314	0.98351	0.98389	0.98426	0.98466	0.98507	0.98547	0.98588	0.98628	0.98652	0.98677
0.98135	0.98176	0.98217	0.98258	0.98302	0.98345	0.98389	0.98432	0.98476	0.98506	0.98536
0.97957	0.97993	0.98029	0.98065	0.98112	0.98159	0.98207	0.98254	0.98301	0.98341	0.98381
0.51551	0.21333	Orsenses	0.2000		3.100	The second second				
10/0	1060	1070	1971	1972	1973	1974	1975	1976	1977	1978
1968	1969	1970	The second second			0.99974	0.99975	0.99976	0.99977	0.99978
0.99966	0.99967	0.99968	0.99969	0.99971	0.99972		0.99973	0.99970	0.99974	0.99974
0.99962	0.99962	0.99963	0.99965	0.99967	0.99968	0.99970	0.99972	0.99968	0.99969	0.99970
0.99956	0.99956	0.99957	0.99959	0.99961	0.99963		0.99962	0.99963	0.99965	0.99966
0.99949	0.99950	0.99950	0.99952	0.99955	0.99957	0.99960		0.99958	0.99960	0.99962
0.99943	0.99943	0.99944	0.99946	0.99949	0.99951	0.99954	0.99956	0.99954	0.99957	0.99959
0.99937	0.99938	0.99939	0.99941	0.99944	0.99946	0.99949	0.99951	1002-07-03	0.99954	0.99958
0.99930	0.99932	0.99934	0.99937	0.99940	0.99942	0.99945	0.99948	1	0.99954	0.99956
0.99926	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.99931	0.99934	0.99937	0.99939	0.99942	0.99945		The state of the s	0.99955
0.99922	0.99925	0.99928	0.99931	0.99934	0.99937	0.99940	0.99943	0.99947	0.99951	0.99953
0.99918	0.99921	0.99925	0.99928	0.99931	0.99935	0.99938	0.99941	100	0.99949	0.99950
0.99914	0.99918	0.99922	0.99926	0.99929	0,99933	0.99936	0.99940	0.99943	0.99947	0.99948
0.99910	0.99915	0.99919	0.99923	0.99927	0.99932	0.99936	0.99940	0.99943	0.99944	0.99946
0.99907		0.99916	0.99921	0.99925	0.99930	0,99934	0.99939	100000000000000000000000000000000000000	0.99944	0.99940
0.99905	the colors and	0.99913	0.99918	0.99922	0.99927	0.99931	0.99936	10.00		0.99944
0.99903	The state of the s	0.99912	0.99916	0.99920	0.99924	0.99928	20,000		0.99938	0.99942
0.99899	100000000000000000000000000000000000000	0.99909	0.99913	0.99917	0.99920	0.99924	0.99928	A STATE OF THE PARTY OF THE PAR	0.99935	0.99939
0.99894	0.99899	0.99904	0.99908	0.99912	0.99917	0.99921	0.99925	U. C. C. C. C. C.	0.99932	Charles Commission Commission
0.99888		0.99898		0.99907	0.99912	0.99916			0.99928	
0.99880		100000000000000000000000000000000000000		0.99900	0.99906	The second second		1		
0.99872				0.99894	- 200	The state of the s	100000000000000000000000000000000000000	- management A	214	
0.99863	The second second			0.99887			55/04/0-04/46	The state of the s		1
0.99850			0.77	0.99879	7 (10)	1			A CONTRACTOR OF THE PARTY OF TH	TO STATE OF THE ST
0.9984	A STATE OF THE PARTY OF THE PAR	The state of the state of the state of	A Commence of	0.9987			1000000		1	100000000000000000000000000000000000000
0.9983	The state of the s	The second second second	CONTRACTOR CONTRACTOR	I have been a second	A STATE OF THE STA				- Sec. (1)	
0.9982	0.9983	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	**************************************	The state of the s		2 4 4 4	1			
0.9981	Year and the second second		1	The Control of the Co	A CONTRACTOR OF THE PARTY OF TH		1	A Contractor of	1	
0.9979		1	100000000000000000000000000000000000000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CATAL STATE	45.000	A GROUNTHANNER	The state of the s	-0.000	
0.9978				The state of the s			A 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	The state of the state of		A STATE OF THE PARTY OF THE PAR
0.9976	The second second				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	16 (140%) \$10.000	A 10 CONTRACTOR (1987)		The state of the s	The state of the s
0.9974	0.99750					1000	- EXCUSSION			and the same of th
0.9972	0.99730	0.99740								The second second second
0.9969	5 0.9970	0.99719	100000000000000000000000000000000000000	1		27.11			4	
0.9966	4 0.9967	0.99690	The state of the s	The second second	The second second	111	1			
0.9962	9 0.9964				The same of the same					
0.9959	5 0.9960	0.99620	0.99636	0.9965	0.9966	0.9968	0.9969	0.9970	0.9971	0.99726

								~		· ·
0.99564	0.99576	0.99588	0.99604	0.99621	0.99637	0.99654	0.99670	0.99680	0.99690	0.99701
0.99531	0.99544	0.99557	0.99573	0.99589	0.99606	0.99622	0.99638	0.99650	0.99661	0.99673
0.99492	0.99506	0.99521	0.99538	0.99554	0.99571	0.99587	0.99604	0.99618	0.99632	0.99646
0.99443	0.99459	0.99475	0.99494	0.99513	0.99532	0.99551	0.99570	0.99586	0.99603	0.99619
0.99390	0.99406	0.99422	0.99445	0.99468	0.99490	0.99513	0.99536	0.99554	0.99571	0.99589
0.99333	0.99349	0.99366	0.99393	0.99420	0.99446	0.99473	0.99500	0.99518	0.99536	0.99554
0.99273	0.99291	0.99310	0.99339	0.99368	0.99398	0.99427	0.99456	0.99475	0.99494	0.99514
0.99212	0.99234	0.99257	0.99287	0.99317	0.99346	0.99376	0.99406	0.99427	0.99449	0.99470
0.99142	0.99169	0.99195	0.99226	0.99258	0.99289	0.99321	0.99352	0.99376	0.99400	0.99423
0.99058	0.99085	0.99112	0.99148	0.99184	0.99220	0.99256	0.99292	0.99317	0.99342	0.99368
0.98954	0.98978	0.99002	0.99047	0.99092	0.99138	0.99183	0.99228	0.99254	0.99279	0.99305
0.98833	0.98856	0.98878	0.98933	0.98988	0.99043	0.99098	0.99153	0.99179	0.99205	0.99232
0.98701	0.98726	0.98750	0.98813	0.98875	0.98938	0.99001	0.99064	0.99093	0.99123	0.99152
0.98565	0.98595	0.98625	0.98692	0.98758	0.98825	0.98892	0.98959	0.98993	0.99027	0.99062
0.98421	0.98461	0.98501	0.98568	0.98636	0.98703	0.98771	0.98838	0.98878	0.98918	0.98958
0.90421	0.20401	0.20201	Ciscoli	O. Jelouse	0120100	GIZ GITT	0.70000			
1070	1000	1981	1982	1983	1984	1985	1986	1987	1988	1989
1979	1980				0.99982	0.99982	0.99982	0.99982	0.99983	0.99983
0.99979	0.99980	0.99980	0.99981	0.99981		0.99982	0.99982	0.99979	0.99980	0.99980
0.99975	0.99976	0.99977	0.99977	0.99978	0.99978	16. 518. 539	and the second second	A STATE OF THE STA	0.99976	0.99976
0.99971	0.99972	0.99973	0.99973	0.99974	0.99974	0.99975	0.99975	0.99975	0.99976	0.99973
0.99968	0.99969	0.99970	0.99970	0,99971	0.99971	0.99972	0.99972	0.99972		100000000000000000000000000000000000000
0.99964	0.99966	0.99967	0.99968	0.99968	0.99969	0.99970	0.99970	0.99970	0.99971	0.99971
0.99962	0.99965		0.99967	0.99967	0.99968	0.99969	0.99969	0.99969	0.99970	
0.99961	0.99964	and the state of t	0.99966	0.99967	0.99968	0.99969	0.99969	0.99969	0.99969	0.99969
0.99959	0.99963	0.99964	0.99965	0.99966	0.99967	0.99968		0.99968	0.99968	0.99968
0.99959	0.99963	The second second	0.99965	0.99965	0.99966	0.99967	0.99967	0.99967	0.99967	0.99967
0.99957	0.99961	0.99962	0.99963	0.99963	0.99964	0.99965	A CONTRACTOR OF THE PARTY OF TH	0.99966	0.99966	0.99967
0.99954	0.99957	100 370 200	0.99959	0.99961	0.99962	0.99963	Control of the second	0.99965	0.99965	0.99966
0.99951	0.99954	200	0.99957	0.99959	0,99960	0.99962	1000	0.99964	0,99966	0.99967
0.99949	0.99951	0.99953	0.99955	0.99956	0.99958	0.99960	0.99961	0.99962	0.99964	0.99965
0.99947	0.99950	0.99951	0.99953	0.99954	0.99956	0.99957	100000000000000000000000000000000000000	0.99960	0,99961	0.99963
0.99945	0.99948	100	0.99950	0.99952	0.99953	0.99954		0.99957	0.99958	0.99960
0.99942	0.99946		0.99948	0.99950	0.99951	0.99952		0.99954	0.99956	0.99957
0.99939	0.99943	100000000000000000000000000000000000000	0.99945	0.99947	0.99948	0.99949		0.99952	0.99953	0.99955
0.99935	0.99938		0.99941	0.99943	0.99944	0.99946		0.99950	0.99951	0.99953
0.99930	0.99933		0.99937	0.99938	0.99940	0.99942	- 170 - 100 - 100	0.99946	0.99947	0.99949
0.99925	111111111111111111111111111111111111111		1000				TO THE WAR	0.99942	0.99943	The state of the s
0.99919	0.99923		100	The state of the s	A SAME THE RESERVE OF	7137.00	THE RESERVE TO SERVE	DESCRIPTION OF THE PARTY OF THE	0.99938	0.99940
0.99914	0.99918				1		and the second	0.99932	0.99933	0.99935
0.99907	0.99911							0.99925	0.99928	0.99930
0.99898	STATE OF THE						1	0.99919	0.99922	0.99924
0.99891	0.99896							0.99912	0.99915	0.99918
0.99882	0.99888	A CONTRACTOR AND		The Control	The Parket Co.	120000000000000000000000000000000000000		0.99903	0.99906	0.99908
0.99872	0.99878		0.99882	Can 4 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2	1		A STATE OF THE PARTY OF THE PAR	0.99893	0.99896	0.99898
0.99860	0.99867	The second second	the state of the s	The second second	Parameter Service	#5.500 Sh		0.99883	0.99885	0.99888
0.99847	0.99854		The second second		1-6-62-5910	0.00000000	100000000000000000000000000000000000000	0.99873	0.99876	0.99880
0.99833						100000000000000000000000000000000000000	7-4-3	0.99864		0.99871
0.99818			0.99833						0.99857	0.99862
0.99800			0.99818					7 1 7 2 7 1	0.99845	0.99849
0.99781	0.99789	0.99795	the state of the s	The state of the s	1	5		0.99825		0.99833
0.99759	0.99768	0.99774		1 2 mm (Common	0.99793	0.99799	0.99803	0.99807		
0.99736	0.99745	0.99751	0.99758	0.99764	0.99771	0.99777	0.99782	100000000000000000000000000000000000000	-	
0.99711	0.99721	0.99728	0.99734	0.9974	0.99747	0.99754	0.99760	0.99766	0.99771	0.99777
						1				

0.99744
0.99727
0.99682
0.99654
0.99622
0.99587
0.99548
0.99507
0.99463
0.99414
0.99357
0.99291

1990	1991	1992	1993	1994	1995
0.99983	0.99983	0.99983	().99982	0.99982	0.99982
0.99980	0.99980	0.99980	0.99980	0.99980	0.99980
0.99976	0.99976	0.99976	0.99977	0.99977	0.99977
0.99973	0.99974	0.99974	0.99975	0.99975	0.99976
0.99971	0.99971	0.99972	0.99972	0.99973	0.99973
0.99970	0.99970	0.99970	0.99971	0.99971	0.99971
0.99969	0.99969	0.99969	0.99969	0.99969	0.99969
0.99968	0.99968	0.99968	0.99969	0.99969	0.99969
0.99967	0.99968	0.99968	0.99969	0.99969	0.99970
0.99967	0.99968	0.99969	0.99969	0.99970	0.99971
0.99967	0.99968	0.99968	0.99969	0.99969	0.99970
0.99968	0.99968	0.99968	0.99969	0.99969	0.99969
0.99966	0.99966	0.99966	0.99966	0.99966	0.99966
0.99964	0.99964	0.99964	0.99964	0.99964	0.99964
0.99961	0.99961	0.99961	0.99962	0.99962	0.99962
0.99958	0.99958	0.99959	0.99959	0.99960	0.99960
0.99956	0.99956	0.99956	0.99957	0.99957	0.99957
0.99955	0.99955	0.99954	0.99954	0.99953	0.99953
0.99951	0.99951	0.99951	0.99950	0.99950	0.99950
0.99947	0.99947	0.99947	0.99948	0.99948	0.99948
0.99942	0.99943	0,99944	0.99944	0.99945	0.99946
0.99937	0.99938	0.99939	0.99941	0.99942	
0.99932	0.99933	0.99934	0.99936	The same of the sa	0.99938
0.99927	0.99928	0.99929	0.99929	0.99930	0.99931
0.99921	0.99922	0.99922	0.99923	0.99923	
0.99911	0.99912	0.99913	0.99915	0.99916	0.99917
0.99901	0.99903	0,99905	0.99906	0.99908	
0.99891	0.99893	0.99895	0.99897	0.99899	0.99901
0.99883	0.99884	0.99886	0.99887	0.99889	0.99890
0.99875	0.99875	0.99876	0.99876	0.99877	0.99877
0.99866	0.99865	0.99865	0.99864	0.99864	2 STANFO STAN
0.99853	0.99852	0.99851	0.99850	0.99849	- THE CHECKED (1) THE
0.99837	0.99836	0.99835	0.99835	0.99834	
0.99820	0.99820	0.99820	0.99819	0.99819	0.99819
0.99802	0.99803	0.99803	0.99804	the same that the same of the same	0.99805
0.99783	0.99784	0.99785	0.99787	0.99788	0.99789
0.99766	0.99767	0.99769	0.99770	0.99772	0.99773

0.99752	0.99753	0.99753	0.99754	0.99754	0.99755
0.99736	0.99736	0.99736	0.99737	0.99737	0.99737
0.99715	0.99716	0.99716	0.99717	0.99717	0.99718
0.99691	0.99692	0.99694	0.99695	0.99697	0.99698
0.99662	0.99665	0.99668	0.99670	0.99673	0.99676
0.99631	0.99635	0.99640	0.99644	0.99649	0.99653
0.99597	0.99603	0.99608	0.99614	0.99619	0.99625
0.99559	0.99565	0.99570	0.99576	0.99581	0.99587
0.99519	0.99524	0.99529	0.99533	0.99538	0.99543
0.99478	0.99482	0.99485	0.99489	0.99492	0.99496
0.99433	0.99437	0.99440	0.99444	0.99447	0.99451
0.99381	0.99385	0.99389	0.99394	0.99398	0.99402
0.99319	0.99325	0.99330	0.99336	0.99341	0.99347

Source: Kosesho Daijinkanbo Tokei Johobu (Statistics and Information Department, Minister's Secretariat, Ministry of Health and Welfare), Dai Juhatikai Semehyo (*The 18th Life Tables*), 1998, pp. 60-117.

Table C-5: Estimated Male Probability of Future Survival, Aged 15, 30, 45, and 60

Table C	-5: Esun	IMIGU IVIA	ne Proba	Diffty Or	I deale !					100-	100
Aged 15	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957
15	0.99739	0.99773	0.99808	0.99842	0.99877	0.99885	0.99893	0.99902	0.99910	0.99911	0.99913
16	0.99411	0.99489	0.99566	0.99644	0.99722	0.99741	0.99760	0.99779	0.99798	0.99801	0.99803
17	0.98985	0.99121	0.99257	0.99393	0.99529	0.99560	0.99591	0.99622	0.99653		0.99663
18	0.98440	0.98652	0.98864	0.99077	0.99291	0.99336	0.99382	0.99427	0.99473	0.99483	0.99493
19	0.97776	171	0.98392	0.98701	0.99011	0.99073	0.99136	0,99199	0.99261	0.99278	0.99295
20	0.97025	100000000000000000000000000000000000000	0.97859	0.98278	0.98700	0.98781	0.98861	0.98942	0.99023		0.99076
21	0.96216	- Barrier Control	0.97285	0.97824	0.98365	0.98465	0.98564	0.98664	0.98763	0.98801	0.98838
22	0.95368	The state of the s	0.96677	0.97338	0.98004	0.98125	0.98246	0.98367	0.98488	0.98537	0.98587
23	0.94487	0.95259	0.96039	0.96824	0.97616	0.97763	0.97910	0.98058	0.98205		0.98327
24	0.93584	0.94479	0.95382	0.96294	0.97215	0.97391	0.97567		0.97919		0.98064
25	0.92686		0.94724	0.95760	0.96808	0.97013	0.97219	0.97425	0.97632		0.97800
26	0.91824		0.94082	0.95232	0.96395	0.96632	0.96870	0.97108	0.97347		
27	0.91001			0.94714	0.95985	0.96254	0.96524	0.96795	0.97067		
28	0.90208	- 1		0.94200	0.95569	0.95873	0.96178	0.96484	0.96790		0.97025
29	0.89437	1	C. C	0.93685	0.95146	0.95486	0.95827	0.96170	0.96514	I POTALIST ATTOR	0.96771
30	0.88682	1	0.91656	0.93180	0.94730	0.95104	0.95479	0.95856	0.96235		0.96515
31	0.87933	and the second second	0.91074	0.92687	0.94328	0.94732	0.95138		200000000000000000000000000000000000000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.96259
32	0.87183		0.90492	0.92194	0.93927	0.94360	0.94795	0.95231	0.95670		100 May 100 Ma
33	0.8643		0.89906	0.91696	0.93521	0.93981	0.94443				The state of the s
34	0.85692		The second second	0.91198	0.93110	0.93596	0.94084	0.94575			400000000000000000000000000000000000000
35	0.8496			0.90696	0.92692	0.93204	0.93719	0.94237	0.94758		10.00
36	0.84228				0.92256	0.92798	0.93343	0.93891	0.94442		100
37	0.83492				0.91808	0.92380	0.92955	THE PARTY NAMED IN COLUMN	0.94116	Terrantico Company	
38	0.8275	The state of the s	0.86945	0.89119	0.91348	0.91948	0.92552	The second secon	1.000	0.000000	
39	0.82013	100	0.86327	0.88569	0.90868	0,9149	0.92131	0.92768		And the second	
40	0.8126	0.83450	0.85692	0.8799	0.90359	0.91020	0.91685	0.92356	0.93031	100000000000000000000000000000000000000	The second secon
41	0.8050		0.85038	0.87398	0.89825	0.90518	0.91217	0.91922	0.92632		
42	0.7971			0.86778	0.89267	0.89992	0.90724			7.4 7.15	
43	0.7889				0.88678	0.8943	0.90195	The state of the s			
44	0.7805	0.8044	0.82900	0.8543	0.88048	0.88833	0.89625	A CONTRACTOR OF THE PARTY OF TH			
45	0.7718		100	0.8471	0.87389	0.8820	0.89020	 Interest to the first to the fi	I may make a second		
46	0.7629	0.7877	0.81329	0.8396	0.8669				THE SEASON STREET, SALES	the same of the sa	A CONTRACTOR OF THE PARTY OF TH
47	0.7536	3 0.7787	0.80475	0.8316	0.85934	0.8679	0.8766	0.8853	0.89422	0.89743	0.90064

1 40 1	0.74375	0.76928	0.79568	0.82298	0.85122	0.86006	0.86899	0.87801	0.88712	0.89048	0.89385
48		order of the lateral lateral lateral	111111111111111111111111111111111111111	0.81391	0.84267	0.85174	0.86090	0.87016		0.88301	0.88652
49	0.73339	The second second second		0.80434	0.83363	0.84292	0.85231	0.86181	0.87141	0.87500	0.87860
50	0.72252	The second second		0.79418	0.82401	0.83351	0.84313	0.85286	0.86269	0.86636	0.87005
51	0.71104	0.73774	Mary Section 1	0.78327	0.81366	0.82338	0.83322	0.84317	0.85325	0.85699	0.86075
52	0.69874	0.72585	I STATE OF THE PARTY OF THE PAR	A CONTRACTOR OF THE PARTY OF TH	0.80255	0.81247	0.82251	0.83268	0.84297	0.84679	0.85064
53	0.68569	0.71320	The second second	0.77159		0.80077	0.81101	0.82138	0.83188	0.83578	0.83969
54	0.67211	0.69997	0.72898	0.75920	0.79067	0.78827	0.79874	0.80936	0.82011	0.82402	0.82795
55	0.65784	0,68601	0.71537	0.74600	0.77794		0.78564	0.79657	0.80765	0.81151	0.81539
56	0.64246	0.67095	0.70070	0.73178	0.76423	0.77486	The second second second	0.78274	0.79422	0.79800	0.80179
57	0.62588	0.65468	0.68480	0.71631	0.74926	0.76026	0.77142	0.76756	0.77939	0.78314	0.78690
58	0.60831	0.63736	0.66781	0.69971	0.73313	0.74443	0.75591	0.75112	0.76310	0.76688	0.77068
59	0.58985	0.61919	0.65000	0.68233	0.71628	0.72771	0.73932		0.74558	0.74941	0.75327
60	0.57023	0.59991	0.63113	0.66398	0.69854	0.71001	0.72167	0.73353		0.73080	0.73470
61	0.54933	0.57932	0.61095	0.64430	0.67947	0.69104	0.70280	0.71476	0.72692	0.71098	0.71489
62	0.52732	0.55740	0.58918	0.62278	0.65830	0.67017	0.68226	0.69456	0.70708	0.68983	0.69373
63	0.50439	0.53447	0.56633	0.60010	0.63587	0.64804	0,66044	0.67308	0.68596	Carlo Maria Carlo Carlo	
64	0.48061	0.51058	0.54243	0.57627	0.61221	0.62467	0.63737	0.65034	0.66357	0.66738	0.67121
							10.58	1000	1007	1000	1060
1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
0.99914	0.99916	0.99917	0.99920	0.99923	0.99926	0.99929	0.99932	0.99932	0.99932	0.99931	0.99931
0.99806	0.99808	0.99811	0.99818	0.99826	0.99833	0.99841	0.99848	0.99846	0.99844	0.99842	0.99840
0.99668	0.99673	0.99678	0.99693	0.99707	0.99721	0.99736	0.99750	0.99745	0.99740	0.99735	0.99729
0.99502	0.99512	0.99522	0.99545	0.99569	0.99592	0.99616	0.99639	0.99631	0.99623	0.99614	0.99606
0.99312	0.99329	0.99346	0.99380	0.99415	0.99449	0.99483	0.99518	the same of the same of the same	0.99498	0.99487	0.99477
0.99102	0.99129	0.99155	0.99201	0.99247	0.99293	0.99339	0.99386	the state of the s	0.99366	0.99356	0.99346
0.98876	0.98913	0.98951	0.99009	0.99068	0.99126	0.99185	0.99243	the second second second	0.99228	0.99220	0.99212
0.98636	0.98686	0.98735		0.98878		0.99021	0.99093		0.99085	0.99081	0.99077
0.98389	0.98450	0.98511	0.98596	0.98681	and the state of the state of	0.98852	0.98937	0.98938	The Control of the Co	0.98941	0.98943
0.9813	0.98210	0.98282	THE PERSON NAMED IN COLUMN	0.98481	The same of the	0.98679	0.98779	3.4	0.98793	0.98801	0.98808
0.97884	0.97969	0.98053	97-107-107	0.98280	POWER CONTRACTOR		0.98621	0.98633	0.98646	0.98658	0.98670
0.97634	0.97730	0.97826		0.98080	The state of the s	F1282007 12/2	Management		0.98496	0.98513	0.98529
0.97386	0.97493	0.97600	0.97740	0.97881		The second second			111127	0.98363	0.98383
0.9714	0.97260	0.97377	0.97530	0.97682	100000000000000000000000000000000000000		I waste respected	The second section is	0.98187	0.98210	0.98233
0.96899	0.97028	0.97157	0.97319	0.97482			2000		to ask of the same	0.98053	
0.96650	The state of the s	0.96938				The second second second		The second secon	The second secon		0.97924
0.9641	0.96564	0.96717	0.96894	0.97072					The second secon		
0.9616	0.96324	0.96488	A CONTRACTOR OF THE PARTY OF TH			1		The second second	The Country of the Country	The second secon	The second second second
0.9589	0.96073	0.96249	The second second	1205700000		100	1		51.25		
0.9562	0.9581	0.95998	0.96195	0.96392	and the second second	The state of the s		1			PARTIES AND ADDRESS OF THE PARTIES AND ADDRESS O
0.9534	4 0.95540			The state of the state of the	The state of the state of	The second second	100000000000000000000000000000000000000				
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0.9475	5 0.94969	0.95183	100								
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0.9409			The Park of the Pa	A Company of the Comp					A CONTRACTOR OF THE PARTY OF TH	4	The second second second
0.9374	2 0.93980	CONTRACTOR OF THE	- Contract To 22 Miles	The state of the s	7					The second second	
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0.9253	1 0.9279				52220	Charles and the control of the contr	A STATE OF THE PARTY OF THE PAR		and the same of th		
0.9206	1 0.9234	0.92620	14.31.77							1	
0.9155								1	THE PERSON NAMED IN		A CONTRACTOR OF THE PARTY OF TH
0.9099									The second second		
0.9038	Ul	0.9103	0.91324	0.9161	1 0.9190	0.9219		0.9258			
0.8972	3 0.9006	3 0.90404	4 0.9070	II 0.9100	q 0.9129	9 0.9160	U 0.9190	ц 0.9202	4 0.9214	0.9220	5 0.92386

0.88925 0.88956 0.88951 0.90274 0.90264 0.89956 0.91275 0.91477 0.91814 0.9186 0.88867 0.88867 0.88867 0.88667 0.88667 0.88667 0.88667 0.88667 0.88667 0.88667 0.88667 0.88667 0.88667 0.88667 0.88667 0.88667 0.88667 0.88667 0.88667 0.88667 0.88667 0.88663 0.87144 0.87568 0.87058 0.88704 0.88367 0.88067 0.88567 0.88067 0.88568 0.88676 0.88568 0.88676 0.88568 0.88676 0.88667 0.88668 0.86688 0.96676 0.96668 0.96668 0.96668 0.96668 0.96668 0.96668 0.96668 0.96668 0.96668 0.96668 0.96668 0.96668 0.96668 0.96668 0.96668 0.96668 0.96668 0.96668 0.96669 0.96668 0.96669 0.96668 0.96669 0.96668 0.96669 0.966	20 720	4	190					recensus — i				o o con il
0.87375 0.88737 0.88122 0.88467 0.88316 0.89167 0.89518 0.89871 0.90036 0.90145 0.90345 0.90507 0.85450 0.86833 0.86720 0.86026 0.87013 0.87040 0.87072 0.88025 0.88926 0.89926 0.89924 0.89931 0.99931 0.9993	0.89003	0.89356	0.89710	0.90021	0.90332		200		and the same of	The second second	COLUMN TO THE PARTY OF THE PART	
0.8645 0.8633	0.88222	0.88586	0.88951	0.89278	0.89606				V = 120 120 131	THE REAL PROPERTY AND ADDRESS OF THE PARTY AND	Name of Street of the Owner,	and the same of th
0.85456 0.8538 0.86227 0.86620 0.87013 0.87460 0.87805 0.88807 0.88807 0.88807 0.84757 0.85154 0.85565 0.859	0.87375	0.87747	0.88120	0.88467	0.88816	0.89167	0.89518			The state of the s		A STATE OF THE PARTY OF THE PAR
0.84362 0.84757 0.85154 0.85565 0.85962 0.86005 0.86025 0.87245 0.87465 0.86767 0.86007 0.87067 0.81385 0.82315 0.82712 0.83176 0.83643 0.84112 0.84584 0.85059 0.85312 0.85667 0.85001 0.80767 0.80561 0.80944 0.81329 0.81813 0.82312 0.82805 0.83306 0.83316 0.83066 0.84636 0.84667 0.86007 0.77965 0.77945 0.79931 0.82315 0.87770 0.79851 0.80401 0.80966 0.84363 0.84618 0.84363 0.84618 0.84667 0.85007 0.778714 0.76102 0.76495 0.75323 0.75323 0.78185 0.76402 0.76495 0.79734 0.80067 0.8130 0.80067	0.86453	0.86833	0.87214	0.87584	0.87955	0.88328	0.88702			The state of the s	The same of the sa	AND THE RESERVE OF THE PARTY OF
0.8318S	0.85450	0.85838	0.86227	0.86620	0.87013	0.87409	0.87806		A CONTRACTOR OF THE PARTY OF TH			a contract of the contract of
0.81928 0.82319 0.82712 0.83176 0.83643 0.84112 0.84584 0.85039 0.85312 0.85566 0.8462 0.84676	0.84362	0.84757	0.85154	0.85569	0.85986	0.86405	0.86826	0.87249	Contract of the same		Carlotte Control of the	0.000
0.81000 0.82311 0.82712 0.83176 0.83643 0.84112 0.84584 0.85059 0.853612 0.85566 0.83261 0.84076 0.80076 0.900776 0.900	The state of the s	0.83586	0.83984	0.84423	0.84864	0.85308	0.85754	0.86202	0.86434			
0.8954 0.8954 0.81329 0.81815 0.82312 0.82306 0.83306 0.83816 0.8466 0.8465 0.8465 0.84920 0.77960 0.77945 0.77845 0.78215 0.78755 0.79302 0.7885 0.80401 0.80956 0.81288 0.81622 0.81957 0.82294 0.75714 0.76103 0.76495 0.77655 0.77055 0.77662 0.78185 0.78762 0.79333 0.79702 0.80067 0.80037 0.80027 0.73863 0.74257 0.74654 0.75226 0.75815 0.76402 0.76905 0.77590 0.77963 0.78777 0.79172 0.71882 0.72276 0.72676 0.73266 0.73866 0.74466 0.75076 0.75696 0.77963 0.78777 0.79172 0.66976 0.70155 0.70555 0.71158 0.71767 0.72381 0.79058 0.79077 0.75808 0.79077 0.75809 0.66224 0.68896 0.69515 0.70136 0.70765 0.71399 0.71886 0.72376 0.74995 0.75458 0.99931 0.99934 0.99936 0.99935 0.99941 0.99944 0.99946 0.99948 0.99950 0.99952 0.99955 0.99938 0.99934 0.99936 0.99938 0.99941 0.99946 0.99948 0.99950 0.99952 0.99955 0.99938 0.99947 0.9975 0.99747 0.99777 0.99777 0.99778 0.99778 0.99778 0.99787 0.99887 0.99939 0.99938 0.99944 0.9966 0.99657 0.99686 0.99977 0.99787 0.99787 0.99878 0.99987 0.99939 0.99038 0.99038 0.99938 0.99950 0.99955 0.99955 0.99955 0.99938 0.99648 0.99650 0.99550 0.99957 0.99868 0.99679 0.99798 0.999718 0.99918 0.99814 0.99814 0.99944 0.9948 0.9966 0.99550 0.99957 0.99868 0.99697 0.99978 0.999718 0.99718 0.99918 0.99944 0.9948 0.9966 0.9966 0.99329 0.99354 0.99326 0.99329 0.99354 0.99854 0.9966 0.99672 0.9966 0.99379 0.99879 0.99518 0.9953 0.9953 0.99854 0.9986 0.9968 0.99872 0.99898 0.99959 0.99518 0.9952 0.99553 0.9986 0.9986 0.9986 0.99872 0.99872 0.99873 0.99874 0.99518 0.9953 0.9986 0.99978 0.9998 0.9998 0.99938 0.99938 0.99938 0.99939 0.99938 0.99938 0.99938 0.99938 0.99938 0.99938 0.99938 0.99938	10000000	0.82319	0.82712	0.83176	0.83643	0.84112	0.84584	0.85059	0.85312	THE R. P. LEWIS CO., LANSING		The Labor of the
0.79065 0.79445 0.77831 0.78151 0.80867 0.81396 0.81916 0.82446 0.82249 0.83052 0.83052 0.83057 0.82604 0.75714 0.76103 0.76695 0.77905 0.77620 0.78185 0.78060 0.80956 0.79702 0.80067 0.8033 0.80802 0.75714 0.76103 0.76695 0.77655 0.74654 0.75232 0.75815 0.76072 0.76994 0.75980 0.77980 0.77983 0.78777 0.78774 0.79172 0.69765 0.70555 0.71158 0.71167 0.72380 0.72998 0.75986 0.76072 0.76072 0.76994 0.75985 0.76072 0.76994 0.75985 0.76072 0.76994 0.799		0.80944	0.81329	0.81819	0.82312	0.82808	0.83308	0.83810		STATE OF THE PARTY		The state of the s
0.77455 0.77850 0.78755 0.77862 0.79850 0.88040 0.89056 0.81288 0.81622 0.81951 0.82294 0.75714 0.76103 0.76495 0.77620 0.77862 0.77862 0.77862 0.77863 0.76495 0.77894 0.79393 0.79393 0.78377 0.78774 0.79172 0.71885 0.772676 0.73266 0.73266 0.73266 0.73266 0.73266 0.73266 0.73266 0.73266 0.73266 0.73266 0.73266 0.73266 0.73266 0.73266 0.73266 0.76406 0.75076 0.75086 0.76111 0.76536 0.76953 0.68726 0.68726 0.68726 0.68966 0.69751 0.70136 0.70766 0.70766 0.73266 0.72376 0.72866 0.73236 0.79991 0.99931 0.99934 0.99851 0.99851 0.99851 0.99851 0.99851 0.99851 0.99851 0.99852 0.99851 0.99866 0.99873 0.99974 0.99866 0.99676 0.99978 0.99981 0.99981 0.99981 0.99981 0.99981 0.99938 0.99914 0.99466	Market Committee	0.79449	0.79831	0.80347	0.80867	0.81390	0.81916	0.82446	0.82749	0.83052	Part of the second second	
0.75714 0.76102 0.76695 0.77655 0.77652 0.77658 0.78762 0.78762 0.78933 0.79702 0.80067 0.80367 0.8037 0.80802 0.73866 0.78680 0.77386 0.77586	100000000000000000000000000000000000000	0.77833	0.78219	0.78759	0.79302	0.79850	0.80401	0.80956	0.81288	0.81622	THE RESERVE OF THE PARTY OF THE	A CONTRACTOR OF THE PARTY OF TH
0.73863 0.74257 0.74654 0.75232 0.75815 0.76402 0.76994 0.77590 0.77593 0.78774 0.79172 0.77394 0.77367 0.77367 0.77367 0.77363 0.76674 0.77394 0.66765 0.70155 0.70155 0.71155 0.71167 0.72386 0.72998 0.73622 0.74077 0.74535 0.74995 0.75458 0.67507 0.67894 0.68284 0.68896 0.69513 0.70136 0.70765 0.71399 0.71186 0.72376 0.72366 0.73366 0.99334 0.99934 0.99934 0.99934 0.99934 0.99934 0.99934 0.99934 0.99934 0.99935 0.99934 0.99938 0.99934 0.99935 0.99857 0.99857 0.99857 0.99857 0.99857 0.99857 0.99857 0.99876 0.99954 0.99		THE PROPERTY OF THE PARTY OF TH	0.76495	0.77055	0.77620	0.78189	0.78762	0.79339	0.79702	0.80067	0.80433	
0.71882 0.72278 0.72676 0.73266 0.73366 0.74467 0.72589 0.73622 0.74677 0.74533 0.74967 0.74535 0.74967 0.74673 0.99838 0.99844 0.99851 0.99852 0.99853 0.99853 0.99853 0.99853 0.99954 0.99955 0.99674 0.99964 0.99664 0.99		0.74257	0.74654	0.75232	0.75815	0.76402	0.76994	0.77590	0.77983	0.78377	0.78774	0.79172
0.69765	100000000000000000000000000000000000000	17/14-22			0.73866	0.74469	0.75076	0.75689	0.76111	0.76536		
1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981					0.71767	0.72380	0.72998	0.73622	0.74077	0.74535	0.74995	0.75458
1970	And the second second	The second second second			0.69513	0.70136	0.70765	0.71399	0.71886	0.72376	0.72869	0.73366
1970	U.O.Do.i	010102	0.000									
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1982	0.75924	0.76712	0.77508	0.78313	0.79125	0.79946	0.80356	0.80768	0.81182	0.81598	14 5.6	0.82271
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0.93365	0.93514	0.93662	0.93811	0.93986	0.94162	0.94338	0.94514	0.94691	0.94725	0.94760	0.94795
0.92775	0.92923	0.93072	0.93221	0.93420	0.93620	0.93820	0.94021	0.94222	0.94257	0.94291	0.94325
0.92138	0.92286	0.92433	0.92581	0.92803	0.93026	0.93249	0.93473	0.93697	0.93735	0.93773	0.93811
0.91456	0.91602	0.91747	0.91893	0.92135	0.92377	0.92620	0.92863	0.93107	0.93154	0.93200	0.93247
0.90727	0.90871	0.91016	0.91160	0.91416	0.91672	0.91930	0.92187	0.92446	0.92506	0.92567	0.92627
0.89950	0.90094	0.90238	0.90382	0.90647	0.90913	0.91179	0.91447	0.91715	0.91792	0.91870	0.91947
0.89119	0.89265	0.89412	0.89559	0.89829	0.90099	0.90370	0.90642	0.90914	0.91010	0.91106	0.91202
0.88221	0.88375	0.88530	0.88685	0.88956	0.89227	0.89500	0.89773	0.90047	0.90160	0.90274	0.90387
0.87248	0.87415	0.87583	0.87750	0.88021	0.88292	0.88564	0.88837	0.89110	0.89238	0.89366	0.89494
0.86197	0.86380	0.86563	0.86746	0.87016	0.87286	0.87557	0.87829	0.88102	0.88240	0.88378	0.88516
0.85066	0.85268	0.85470	0.85673	0.85941	0.86209	0.86479	0.86749	0.87020	0.87175	0.87331	0.87488
0.83846	0.84073	0.84300	0.84528	0.84794	0.85062	0.85330	0.85599	0.85868	0.86024	0.86180	0.86336
0.82526	0.82783	0.83040	0.83298	0.83566	0.83835	0.84104	0.84374	0.84646	0.84797	0.84948	0.85100
0.81097	0.81388	0.81679	0.81972	0.82245	0.82519	0.82793	0.83069	0.83346	0.83489	0.83632	0.83776

1994	1995
0.99967	0.99967
0.99922	0.99923
0.99864	0.99868
0.99797	0.99803
0.99723	0.99731
0.99646	0.99656
0.99570	0.99582
0.99496	0.99508
0.99423	0.99435
0.99350	0.99364
0.99280	0.99293
0.99209	0.99223
0.99138	0.99151
0.99064	0.99077
0.98988	0.99001
0.98910	0.98922
0.98832	0.98844
0.98751	0.98764
0.98667	0.98680
0.98577	0.98591
0.98480	0.98494
0.98376	0.98389
0.98264	0.98278
0.98143	0.98159
0.98013	0.98031
0.97869	0.97890
0.97711	0.97734
0.97537	0.97562
0.97344	0.97371
0.97130	0.97158
0.96888	0.96919
0.96618	0.96649
0.96321	0.96354
0.95998	0.96032
0.95645	0.95681
0.95257	0.95293
0.94829	0.94864

0.94360	0.94394
0.93848	0.93886
0.93293	0.93340
0.92688	0.92748
0.92025	0.92103
0.91299	0.91395
0.90501	0.90615
0.89622	0.89750
0.88655	0.88794
0.87644	0.87801
0.86493	0.86650
0.85252	0.85405
0.83920	0.84064

						10.80	40.50	1054	1055	1056	1957
Aged 30	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	
30	0.99156	0.99258	0.99359	0.99461	0.99563	0.99600	0.99637	0.99674	0.99711	0.99724	0.99736
31	0.98318	0.98523	0.98729	0.98935	0.99141	0,99211	0.99281	0.99351	0.99421	0.99446	0.99471
32	0.97479	0.97788	0.98098	0.98408	0.98720	0.98821	0.98922	0.99024	0.99126	0.99163	0.99200
33	0.96639	0.97050	0.97462	0.97876	0.98292	0.98424	0.98555	0.98687	0.98819	0.98868	0.98918
34	0.95813	0.96321	0.96831	0.97345	0.97861	0.98021	0.98181	0.98342	0.98503	117.4	0.98624
35	0.94996	0.95596	0.96201	0.96809	0.97421	0.97611	0.97800	0.97990	0.98181	0.98252	0.98324
36	0.94176	0.94865	0.95559	0.96259	0.96963	0.97185	0.97408	0.97631	0.97854		0.98016
37	0.93353	0.94128	0.94909	0.95697	0.96492	0.96747	0.97002	0.97259	0.97515	The state of the s	0.97696
38	0.92528	0.93386	0.94252	0.95126	0.96009	0.96295	0.96582	0.96870	0.97159	A 11 (4-5 a 1)	0.97359
39	0.91699	0.92636	0.93583	0.94539	0.95505	0.95823	0.96142	0.96463	0.96784	0.96893	0.97001
40	0.90865	0.91874	0.92894	0.93926	0.94969	0.95322	0.95677	0.96034	0.96392		0.96625
41	0.90014	0.91092	0.92184	0.93289	0.94408	0.94798	0.95190	0.95583	0.95978		0.96227
42	0.89133		0.91447	0.92627	0.93821	0.94247	0.94674	0.95103	0.95535	17.1	0.95803
43	0.88217	0.89438	0.90675	0.91930	0.93202	0.93661	0.94122	0.94585	0.95051	100	0.95345
44	0.87272	0.88560	0.89868	0.91194	0.92540	0.93033	0.93528	0.94025	0.94526		0.94846
45	0.86305	0.87658	0.89033	0.90429	0.91847	0.92370	0.92896	0.93425	0.93956	The second second second	0.94306
46	0.85310	0.86725	0.88164	0.89627	0.91114	0.91664	0.92217	0.92774	0.93334		0.93716
47	0.84263	The same of the same of	0.87239	0.88765	0.90319	0.90897	0.91478	0.92063	0.92652	The second second	0.93070
48	0.83159	SUCCESS OF THE PARTY	0.86255	0.87845	0.89465		0.90683	0.91298	0.91917		
49	0.82000	The state of the s	0.85220	0.86877	0.88566		0.89839	0.90482	0.91130	1	A CONTRACTOR OF THE PARTY OF TH
50	0.80785	1	0.84131	0.85856	0.87616	The Control of the Co	0.88942	0.89613			
51	0.79501	0.81221	0.82977	0.84771	0.86605	The state of the s	0.87984	0.88682	0.89386	The second second	0.89908
52	0.78127	0.79912	0.81738	0.83606	0.85517	0.86231	0.86950	0.87675	0.88407	Action to the last	0.88948
53	0.76667	0.78520	0.80417	0.82360	0.84350	0.85088	0.85833		0.87342		0.87902
54	0.75148			0.81037	0.83100	0.83863	0.84633	The second section of the Sales		The second second	200320000
55	0.73554	0.75525	0.77550	0.79628	0.81763		0.83353			Divine Carlo Carlo	
56	0.71833		0.75959	0.78110	0.80322	1000				and the same of th	The state of the s
57	0.69980	0.72076	0.74235	0.76459	0.78749		0.80501	0.81391			The state of the s
58	0.68015	0.70170	0.72393	0.74687	0.77054	Factor 1		1 6 6 5	1		
59	0.65951	0.68169	0.70462	0,72832	0.75282		0.77151		1		THE STATE OF THE S
60	0.63758	0.66047	0.6841	0.70873	0.73418	the state of the s	The second second	The second section is a second	ALTO DESCRIPTION OF	100000000000000000000000000000000000000	
61	0.61421	0.63780	0.66229	0.68773	1200	THE COLOR		A THE RESERVE AND A STATE OF	pro-mode	A SECULAR OF	
62	0.58960	0.61366	0.63870	0.66476	0.69189	0.70185			0.73263	The second second	STATE OF THE CASE OF
63	0.56396	0.58842	0.61393		0.66831	0.67868	The second second		10000000	The second secon	
64	0.5373	0.56212	0.58802	0.6151	0.64345	0.65420	0.66513	0.67624	0.68754	0.69057	0.69361

1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
0.99749	0.99761	0.99774	0.99783	0.99792	0.99800	0.99809	0.99818	0.99824	0.99829	0.99835	0.99840
0.99496	0.99521	0.99547	0.99563	0.99579	0.99596	0.99612	0.99628	0.99640	0.99652	0.99664	0.99675
0.99237	0.99274	0.99312	0.99335	0.99359	0.99382	0.99406	0.99429	0.99447	0.99466	0.99484	0.99502
0.98967	0.99016	0.99065	0.99096	0.99126	0.99157	0.99188	0.99218	0.99243	0.99268	0.99292	0.99317
0.98685	0.98746	0.98807	0.98845	0.98882	0.98920	0.98958	0.98996	0.99026	0.99056	0.99086	0.99116
0.98395	0.98466	0.98538	0.98583	0.98628	0.98673	0.98718	0.98763	0.98797	0.98832	0.98866	0.98900
0.98097	0.98178	0.98259	0.98311	0.98363	0.98415	0.98467	0.98519	0.98556	0.98593	0.98630	0.98667
0.98097	0.97878		0.98027	0.98085	0.98144	0.98203	0.98261	0.98300	0.98339	0.98378	0.98417
0.97459	0.97559	0.97659	0.97724	0.97789	0.97854	0.97919	0.97984	0.98025	0.98066	0.98107	0.98149
0.97439	0.97219	0.97328	0.97400	0.97472	0.97544	0.97616	0.97688	0.97731	0.97774	0.97817	0.97860
0.96741	0.96858	3.3500000	0.97055	0.97135	0.97215	0.97295	0.97375	0.97419	0.97464	0.97508	0.97553
0.96741	STEET STATE	0.96602	0.96690	0.96778	0.96866	0.96954	0.97043	0.97089	0.97135	0.97181	0.97227
2012/09/2013		0.96208	0.96304	0.96399	0.96495	0.96591	0.96688	0.96736	0.96784	0.96832	0.96881
0.95938	0.95639	500000000000000000000000000000000000000	0.95889	0.95993	0.96096	0.96199	0.96303	0.96354	0.96406	0.96458	0.96510
0.95492			0.95440	0.95551	0.95662	0.95773	0.95885	0.95941	0.95998	0.96055	0.96112
0.95007				0.95072	0.95192	0.95312	0.95432	0.95495	0.95558	0.95621	0.95684
0.94481	0.94657	0.94833		0.94550	0.94679	0.94808	0.94938	100000000000000000000000000000000000000	0.95082	0.95153	0.95225
0.93908		0.94292		0.93978	0.94117	0.94257	0.94397	0.94480	0.94564	0.94648	0.94731
0.93280	0.93490		100000000000000000000000000000000000000	0.93351	0.93502	0.93653	0.93805		0.93999	0.94097	0.94194
0.92594	PERSON STREET, CONTRACT.	100 mark = 20		0.93551	0.92832	0.92998	0.93164	The second second	0.93386	- A2775A 3	0.93608
0.9185				0.91921	0.92106	0.92290	0.92476	The second second second second	0.92723	0.92847	0.92971
0.9104	The second second		In the second second	0.91321	0.92100	0.91525	0.91733	670 500-0	0.92006	The second second	0.92280
0.9017				0.90227	0.90459	0.90691	0.90924		0.91227	The state of the s	0.91531
0.89220				0.89261	0.89518	0.89775	0.90033				0.90715
0.8818	The state of the s			100000000000000000000000000000000000000	0.88489	0.88772	0.89056	I The second	0.89438	100	0.89821
0.8706	The state of the s		1 1 7	The state of the s	0.87366	0.8767	0.87988				0.88839
0.8585	The second second	2		Annual State of State	0.86141	0.86480	0.86821	The state of the state of		the second second	
0.8455	1	0.000000	33.53.44.6.6	The state of the s	0.84806			1277	0.86063	A STATE OF THE STA	
0.8313	1		The second second	0.82956						A COLOR OF THE PARTY	0.85300
0.8159				Trefore to	0.81776	0.8220			100000000000000000000000000000000000000	To the British Co.	The state of the s
0.7992			1760	The second second		I continue					
0.7813				0.7902.	The same of the same of	The second second	200	To a second second second			
0.7622				14000000000	San Charles		The same and the				
0.7418	The second second	J11			0.7620	1	The second second	The second second	The state of the s		1
0.7199		No.					\$ \$2.50 miles	The second second	0.7383	0.74316	0.74802
0.6966	7 0.6997	4 0.7028	0.70794	0.71309	4 U. /1020	0.123	U.1201	0.1000	0.7505	or is a	
1000	1071	1070	1072	1074	1975	1976	1977	1978	1979	1980	1981
1970	1971	1972	1973	1974			100000000000000000000000000000000000000	TOTAL VANCAN	A THE STREET, AND		
0.9984	Carlo CV Co		A NEW YORK AND ADDRESS OF THE PARTY AND ADDRES					100000	100		
0.9968		No. of Contract of	20 23 2	The second second	/	- Independent			100000000000000000000000000000000000000		Savara de la constante de la c
0.9952			The state of the s	THE HEAD REAL PROPERTY.	Maria de la constanta de la co						
0.9934			THE STREET	The Charles and	Land Company of Carlo		Colombia Colombia				
0.9914			The second second			The second second second	Carlotte Control				
0.9893	and the second second				1	-	No. of the last of				100
0.9870		100				The Coloredte at	Y STATE OF THE STA		The second second		
0.9845	200	Trumper	Jan Carlotte Company					1	200	and the second	and the state of t
0.9819	350 Section 2	OF CHARLES		The second section is			The state of the s				
0.9790		The second secon	19	TO THE PARTY OF TH							2
0.9759	A STATE OF THE PARTY OF THE PAR		4514	A STATE OF THE STATE OF	Name and the second of the sec	The state of the state of					The charles of the Control of
0.9727			Total Control Control			The Property of the	The second				
0.9692				Carlot Man		THE PARTY OF	100				The second second
0.9650				1000		7.0	Contract Con	The state of the s			5 0.97498
0.9610	59 0.9630	0.9643	0.9656	5 0.9669	0.9683	0.9695	0.9707	2 0.9719	3 0.9731	0.9743	0.27430

3		DESCRIPTION OF		200000000000000000000000000000000000000	·	- 1	1	1	The state of	1		1
1	0.95748	0.95885	0.96024	0.96162	0.96300	0.96439	0.96569	0.96699	0.96830	0.96960	0.97091	
1	0.95298	0.95442	0.95587	0.95732	0.95878	0.96023	0.96159	0.96295	0.96431	0.96567	0.96704	0.96791
1	0.94815	0.94968	0.95121	0.95274	0.95428	0.95582	0.95720	0.95858	0.95997	0.96135	0.96274	0.96377
1	0.94292	0.94455	0.94619	0.94783	0.94948	0.95112	0.95251	0.95390	0.95529	0.95669	0.95808	0.95925
1	0.93720	0.93897	0.94074	0.94252	0.94431	0.94609	0.94749	0.94890	0.95030	0.95171	0.95312	0.95440
1	0.93095	0.93289	0.93483	0.93677	0.93872	0.94067	0.94211	0.94354	0.94498	0.94642	0.94787	0.94922
1	0.92418	0.92630	0.92843	0.93057	0.93271	0.93486	0.93634	0.93782	0.93931	0.94079	0.94228	0.94366
1	0.91684	0.91918	0.92153	0.92389	0.92625	0.92862	0.93015	0.93169	0.93322	0.93476	0.93630	0.93768
1	0.90886	0.91146	0.91406	0.91667	0.91929	0.92191	0.92350	0.92509	0.92668	0.92828	0.92988	0.93125
1	0.90014	0.90302	0.90591	0.90880	0.91171	0.91463	0.91630	0.91797	0.91965	0.92132	0.92301	0.92436
1	0.89053	0.89373	0.89695	0.90017	0.90340	0.90665	0.90845	0.91024	0.91205	0.91385	0.91566	0.91700
1	0.87997	0.88352	0.88708	0.89065	0.89424	0.89785	0.89983	0.90182	0.90381	0.90580	0.90780	0.90914
1	0.86843	0.87235	0.87629	0.88024	0.88421	0.88820	0.89042	0.89264	0.89486	0.89709	0.89932	0.90069
1	0.85589	0.86022	0.86458	0.86895	0.87335	0.87778	0.88022	0.88267	0.88513	0.88760	0.89007	0.89152
1	0.84225	0.84706	0.85190	0.85677	0.86166	0.86659	0.86925	0.87191	0.87459	0.87727	0.87997	0.88154
1	0.82737	0.83273	0.83812	0.84355	0.84901	0.85451	0.85739	0.86028	0.86318	0.86609	0.86901	0.87075
1	0.81107	0.81705	0.82307	0.82914	0.83525	0.84141	0.84454	0.84768	0.85083	0.85400	0.85718	0.85910
1	0.79327	0.79992	0.80663	0.81339	0.82021	0.82709	0.83051	0.83395	0.83740	0.84086	0.84434	0.84651
1	0.77389	0.78126	0.78871	0.79622	0.80381	0.81147	0.81521	0.81898	0.82276	0.82656	0.83037	0.83285
	0.75291	0.76104	0.76925	0.77756	0.78596	0.79444	0.79856	0.80269	0.80684	0.81102	0.81522	0.81803
L	0.75271	0.7010	11. 1 11.0 41.0	OTT TOO	Cr. P.Ca.	0.12.114	0113000	41444		01072 100	0.01024	010,1000
Γ	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
ŀ					72-72-45-74	STORY TO A STORY OF THE STORY	100 March 1980	0.99922	0.99922	0.99922		
1	0.99910	0.99914	0.99917	0.99920	0.99920	0.99921	0.99921	and the same			0.99922	0.99921
1	0.99817	0.99824	0.99830	0.99837	0.99838	0.99839	0.99840	0.99841	0.99842		0.99842	0.99842
1	0.99718	0.99728	0.99738	0.99747	0.99750	0.99752	0.99754	0.99757	0.99759		0.99760	0.99760
1	0.99612	0.99624	0.99636	0.99648	A STATE OF THE STA	0.99658	0.99663	0.99668	0.99672		0.99674	0.99675
1	0.99497	0,99511	0.99526	0.99541	0.99549	0.99557	0.99565	0.99573	0.99581	0.99582	0.99583	0.99584
	0.99371	0.99389	0.99407	0.99424		0.99447	0.99459	0.99471	0.99482	U - Transport Co.	0.99485	0.99486
-	0.99235	0.99256	0.99278	0.99299	0.99314	0.99330	0.99345	0.99360	0.99376		0.99378	0,99380
-	0.99086	0.99111	0.99137	0.99163	7.7	0.99202	0.99221	0.99240	0.99259	0.99262	0.99264	0.99266
1	0.98924	0.98953	0.98983	0.99013	0.99037	0,99061	0.99084	0.99108	0.99131	0.99135	0.99139	0.99143
1	0.98747	0.98781	0,98815	0.98849	0.98878	0.98906	0.98935	0.98964	0.98993	A CONTRACTOR OF THE PARTY OF TH	0.99004	0.99009
1	0.98553	0.98591	0.98630	0.98668	14015071	0.98736	0.98771	0.98805	0.98839	0.98847	0.98855	0.98862
-	0.98340	0.98383	0.98426	0.98469	0.98509	0.98549	0.98589	0.98629	0.98669	0.98679	0.98690	0.98700
-	0.98106	0.98154	0.98202	0.98250	0.98297	0.98343	0.98390	0.98437	0.98484		0.98509	0.98522
1	0.97848	0.97903	0.97958	0.98012	The second second second	The second second	0.98173	100000000000000000000000000000000000000	0.98281		0.98310	0.98324
-	0.97561	The state of the s		Control of the Contro	Charles and Charle	The second secon	The same of the sa	The state of the s				and the second second
	0.97240	0.97314	0.97389		0.97532		THE RESERVE OF THE PARTY OF THE	The same of the same of the same of	Company of the Control of the Contro		The second secon	THE RESERVE THE PARTY OF THE PA
- [0.96879	0.96967	0.97055	to a constitution	0.97220			The second second	0.97530		The second secon	
-	0.96479	0.96582	0.96684	0.96787			1	ALC: THE PARTY OF	The Company of the			0.97285
- [0.96041	0.96158	0.96275	0.96392								0.96956
1	0.95568	0.95696	0.95824	0.95953			0.96297	0.96412	0.96528	110	10/400	0.96599
	0.95057	0.95192	0.95328	0.95463			0.95867	200 3 7 7 5 5	0.96137		1279	0.96207
1	0.94504	0.94642	0.94781	0.94919	The second section is	The second second	0.95392		Control of the Contro		0.95753	
	0.93906	0.94045	0.94183	0.94322	A COLOR DE LA COLO	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A CONTRACT BY SOCIAL CO.		Y 111 (135-15)	The Company of	A CONTRACTOR OF THE PARTY OF TH	0.95302
1	0.93262	0.93400	0.93537	0.93675	and the second second		0.94291	14,000,000,000	0.94704	1000	0.94756	111
	0.92571	0.92707	0.92843	0.92979	and the second second		1000	The second second second				0.94212
1	0.91834	0.91968	0.92102	0.92237		The state of the s			0.93439	The second second second		0.93586
	0.91047	0.91181	0.91315	0.91449	7.11	1777						0.92899
	0.90206	0.90343	0.90480	0.90617						2.7//		
	0.89297	0.89442	0.89587	0.89733	the state of the s					The state of the state of	A Control Line	0.91323
1	0.88312	PROCE - 10 - 3/10	0.88628	90.000.00000000000000000000000000000000	0.89042				The second second	0.90185	A	
1	0.87248	0.87422	0.87597	0.87771	0.88025	0.88280	0.88535	0.88791	0.89048	0.89176	0.89304	0.89432

1	0.86103	0.86297	0.86491	0.86686	0.86938	0.87191	0.87445	0.87699	0.87954	0.88100	0.88247	0.88393
ı	0.84860	0.85088	0.85307	0.85527	0.85778	0.86030	0.86283	0.86536	0.86791	0.86937	0.87083	0.87230
1	0.92522	0.83783	0.84032	0.84282	0.84535	0.84789	0.85043	0.85299	0.85555	0.85697	0.85839	0.85981
١	0.82086	0.82370	0.82655	0.82940	0.83199	0.83458	0.83718	0.83979	0.84241	0.84375	0.84509	0.84643

1994	1995
0.99921	0.99921
0.99842	0.99842
0.99761	0.99761
0.99676	0.99676
0.99585	0.99586
0.99487	0.99488
0.99381	0.99383
0.99268	0.99270
0.99146	0.99150
0.99015	0.99020
0.98870	0.98878
0.98710	0.98721
0.98534	0.98547
0.98339	0.98354
0.98123	0.98139
0.97879	0.97897
0.97600	0.97625
0.97306	0.97327
0.96979	0.97002
0.96623	0.96647
0.9623	0.96254
0.95799	0.95821
0.9532	0.95347
0.9480	0.94834
0.9424	0.94282
0.9363	0.93684
0.9296	0.93032
0.9223	0.92318
0.9142	0.91529
0.9053	0.90656
0.8956	0.89690
0.8854	0.88687
0.8737	0.87524
0.8612	0.86267
0.8477	0.84912

Aged45	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957
45	0.98892	0.98982	0.99071	0.99161	0.99251	0.99288	0.99324	0.99361	0.99398	0.99414	0.99430
46				0.98282	0.98459	0.98529	0.98599	0.98669	0.98739	0.98774	0.98808
47				0.97337				0.97913	0.98018	0.98073	0.98127
48		0.95633	- Liverial	The state of the state of	0,96677	0.96818	0.96958	0.97099	0.97240	0.97313	0.97387
49	0.93959	0.94393	0.94828	0.95266	0.95706	0.95881	0.96056	0.96232	0.96408	0.96498	0.96588
50	0.92567	0.93090	0.93617	0,94146							
51	0.91096	0.91712	0.92333	0.92957	0.93586	0.93829	0.94073	0.94317	0.94563	0.94678	0.94794
52	0.89521	0.90235	0.90954	0,91679	0.92411	0.92688	0.92967	0.93247	0.93527	0.93654	0.93781
53	0.87849	0.88662	0.89484	0.90313	0.91149	0.91460	0.91772	0.92086	0.92400	0.92539	0.92679
54	0.86108	0.87017	0.87934	0.88862	0.89799	0.90144	0.90489	0.90837	0.91185	0.91335	0.91486

55			1411								3	ř.
57	55	0.84281	0.85281	0.86293	0.87317	0.88353	0.88736	0.89121	0.89507	0.89895	0.90051	0.90207
Section Sect	56	0.82310	0.83409	0.84523	0.85653	0.86797	0.87227	0.87659		0.88529	S. C. Stranger	
0.77556 0.7697 0.78407 0.7986 0.8135 0.81919 0.82490 0.83064 0.8364 0.83807 0.82070 0.07070 0.700	57	0.80186	0.81387	0.82605	0.83842	0.85097	0.85583	0.86072	0.86563	0.87057	0.87207	0.87357
60	58	0.77935	0.79234	0.80556	0.81899	0.83265	0.83802	0.84341	0.84885	0.85432	0.85583	0.85735
10.70379 0.72019 0.73697 0.75419 0.77171 0.77794 0.78412 0.76123 0.76814 0.77664 0.77684 0.77885 63 0.66213 0.66422 0.68313 0.70244 0.72215 0.72265 0.73685 0.74336 0.75750 0.77586 0.77585 64 0.61574 0.63474 0.65432 0.67451 0.69531 0.70319 0.7111 0.71921 0.72735 0.72932 0.73336 0.7584 0.85474 0.65432 0.67451 0.69531 0.70319 0.7111 0.71921 0.72735 0.72932 0.73336 0.98481 0.99447 0.99463 0.99445 0.99485 0.99485 0.99577 0.99518 0.99585 0.99535 0.99542 0.99545 0.99565 0.99578 0.99578 0.99578 0.99585 0.99584 0.99678 0.99585 0.9958	59	0.75569	0.76975	0.78407	0.79865	0.81351	0.81919	0.82490	THE PARTY THE PARTY OF THE PART		Trade Control of the	1 1 - 1 - 1 - 1
Control Cont	60	0.73057	0.74578	0.76131	0.77717	0.79336	0.79926	0.80521	0.81121	0.81725	0.81897	
63	61	0.70379	0.72019	0.73697	0.75414	0.77171	0.77790	0.78415	0.79045	0.79680	0.79864	THE RESERVE THE PROPERTY OF THE PARTY OF THE
1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969	62	0.67559	0.69293	0.71071	0.72895	0.74766	0.75442	0.76123	0.76811			
1958	63	0.64621	0.66442	0.68315	0.70240	0.72219	0.72950	0.73689	0.74436		The second second second second	
0.99447 0.99463 0.99479 0.99488 0.99495 0.99508 0.99518 0.99528 0.99535 0.99542 0.99548 0.99555 0.98843 0.98877 0.98991 0.99012 0.99025 0.99045 0.99045 0.99016 0.99076 0.97466 0.97534 0.97608 0.97652 0.97677 0.97741 0.97786 0.97831 0.97874 0.97918 0.97937 0.98660 0.96672 0.96678 0.96683 0.96620 0.96986 0.96986 0.97041 0.97786 0.97831 0.97874 0.97721 0.97721 0.97721 0.97721 0.97721 0.97727 0.97737 0.97337 0.97337 0.97397 0.97377 0.93737 0.97397 0.87397 0.97397 0.97397 0.97397 0.97397 0.97397 0.97397 0.97397 0.97397 0.97397 0.97397 0.97397 0.97397 0.97	64	0.61574	0.63474	0.65432	0,67451	0.69531	0.70319	0.71115	0.71921	0.72735	0.72932	0.73130
0.99447 0.99463 0.99479 0.99488 0.99495 0.99508 0.99518 0.99528 0.99535 0.99542 0.99548 0.99555 0.98843 0.98877 0.98991 0.99012 0.99025 0.99045 0.99045 0.99016 0.99076 0.97466 0.97534 0.97608 0.97652 0.97677 0.97741 0.97786 0.97831 0.97874 0.97918 0.97937 0.98660 0.96672 0.96678 0.96683 0.96620 0.96986 0.96986 0.97041 0.97786 0.97831 0.97874 0.97721 0.97721 0.97721 0.97721 0.97721 0.97727 0.97737 0.97337 0.97337 0.97397 0.97377 0.93737 0.97397 0.87397 0.97397 0.97397 0.97397 0.97397 0.97397 0.97397 0.97397 0.97397 0.97397 0.97397 0.97397 0.97397 0.97												
0.98843 0.98877 0.98912 0.98932 0.98952 0.98972 0.98992 0.99012 0.99025 0.99045 0.99061 0.99065 0.98648 0.98481 0.98481 0.98481 0.98481 0.98481 0.98481 0.98481 0.98481 0.98481 0.98553 0.98605 0.96668 0.96668 0.96668 0.96669 0.96859 0.96850 0.96920 0.96800 0.97741 0.97762 0.97716 0.97781 0.97918 0.97918 0.97937 0.96668 0.96668 0.96698 0.95034 0.96039 0.96120 0.96282 0.96282 0.96363 0.96445 0.95516 0.96588 0.96920 0.99140 0.91464 0.94296 0.94428 0.94561 0.94693 0.94826 0.95576 0.95680 0.95660 0.95732 0.99389 0.94036 0.94164 0.94296 0.94428 0.94561 0.94693 0.94826 0.94528 0.99308 0.993099 0.93258 0.93417 0.99570 0.92596 0.92696 0.92878 0.90676 0.93878 0.94015 0.94693 0.94185 0.94693 0.94693 0.94185 0.94693 0.9	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	
0.98182 0.98236 0.98236 0.98322 0.98354 0.98385 0.98417 0.98448 0.98477 0.98505 0.98535 0.98565 0.99562 0.97608 0.97608 0.97609 0.97764 0.97704 0.97704 0.97831 0.97831 0.97279 0.97279 0.9733 0.97395 0.95830 0.95934 0.96039 0.96120 0.96201 0.96282 0.96363 0.96445 0.96516 0.96588 0.96665 0.96732 0.99910 0.99102 0.95142 0.95237 0.95353 0.95458 0.95656 0.95676 0.95858 0.96665 0.96732 0.99910 0.94036 0.94164 0.94296 0.94428 0.94561 0.94693 0.94826 0.94826 0.94928 0.95034 0.92838 0.92938 0.92938 0.92938 0.92938 0.92938 0.92938 0.92938 0.92938 0.92938 0.92938 0.92938 0.92938 0.92938 0.92938 0.92938 0.92938 0.92338 0.93417 0.93577 0.93737 0.93377 0.93879 0.94019 0.94141 0.94623 0.94828 0.94638 0.95630 0.9516 0.93630 0.9516 0.93638 0.9516 0.92338 0.9417 0.91588 0.9166 0.9316 0.9316 0.9316 0.93358 0.93448 0.9303 0.89551 0.89799 0.90474 0.9027 0.90547 0.90737 0.90928 0.92266 0.92433 0.85878 0.86039 0.86192 0.86818 0.87133 0.87449 0.87138 0.87449 0.87138 0.87449 0.87139 0.86458 0.8737 0.88650 0.83873 0.86192 0.84650 0.8333 0.87449 0.87139 0.82447 0.87566 0.88061 0.88257 0.88061 0.86188 0.87131 0.87508 0.87449 0.87139 0.81147 0.80602 0.80088 0.98097 0.81394 0.81139 0.81149 0.86559 0.89660 0.89671 0.89650 0.89660 0.89660 0.86180	0.99447	0.99463	0.99479	0.99489	0,99499	0.99508		0.99528		COL. TOTAL ST		
0.97466 0.97534 0.97608 0.97652 0.97697 0.97764 0.97784 0.97831 0.97874 0.97981 0.97981 0.98005	0.98843	0.98877	0.98912	0.98932	0.98952	0.98972	0.98992		0.99029			Tax Section 1
0.96678 0.96769 0.96859 0.96920 0.96980 0.97041 0.97102 0.97163 0.97221 0.97279 0.97337 0.97395 0.95330 0.95334 0.96039 0.96120 0.96201 0.96202 0.96536 0.95645 0.95656 0.95656 0.95656 0.95656 0.95660 0.95624 0.96060 0.96021 0.93098 0.94036 0.94164 0.94296 0.94428 0.94561 0.94693 0.94826 0.94928 0.95030 0.95132 0.95234 0.90838 0.91637 0.91788 0.91940 0.92126 0.92314 0.92502 0.92690 0.92878 0.93099 0.94141 0.94263 0.94386 0.94633 0.90515 0.90676 0.90893 0.91110 0.91328 0.91546 0.91765 0.91931 0.92098 0.92166 0.93131 0.93457 0.93578 0.93099 0.90419 0.94141 0.94263 0.94828 0.94	0.98182	0.98236	0.98291	0.98322	0.98354	0.98385			CALL CONTRACTOR OF THE PARTY OF	THE RESERVE OF THE PARTY OF THE		and the second
0.99830 0.95634 0.96039 0.96120 0.96201 0.96282 0.96363 0.96445 0.96516 0.96586 0.96666 0.96732 0.93908 0.94036 0.94164 0.94226 0.94284 0.94561 0.94693 0.94826 0.94567 0.9588 0.95030 0.95132 0.95031 0.99318 0.92958 0.93099 0.93258 0.93471 0.93577 0.93737 0.93897 0.94016 0.94141 0.94263 0.94385 0.91637 0.91788 0.91940 0.92126 0.92314 0.92502 0.92690 0.92878 0.93022 0.93166 0.93310 0.93455 0.90363 0.9615 0.90676 0.90839 0.91110 0.91328 0.91546 0.91765 0.91831 0.9208 0.92266 0.92433 0.85939 0.86148 0.89303 0.89551 0.88999 0.90047 0.90227 0.90547 0.90374 0.90226 0.92433 0.87508 0.87658 0.87659 0.86089 0.88085 0.88370 0.88652 0.88934 0.89218 0.89434 0.89650 0.88671 0.90854 0.82429 0.84145 0.82450 0.84452 0.84794 0.85139 0.85438 0.87133 0.87449 0.87136 0.87766 0.88011 0.88257 0.88503 0.86192 0.84452 0.84794 0.85139 0.85438 0.87137 0.87299 0.82424 0.82417 0.82590 0.82942 0.83333 0.83706 0.84081 0.84458 0.84771 0.85085 0.86707 0.87071 0.78081 0.75821 0.75821 0.75821 0.75821 0.75821 0.75821 0.75825 0.73725 0.74176 0.74629 0.75825 0.75824 0.75824 0.75825 0.73725 0.74176 0.74629 0.75825 0.75824 0.75825 0.99637 0.99647 0.99658 0.99647 0.99658 0.99648 0.99648 0.99649 0.99123 0.99138 0.99152 0.99167 0.99183 0.99200 0.99203 0.99203 0.99233 0.99249 0.99285 0.99569 0.99664 0.99666 0.99675 0.99675 0.99678 0.99678 0.99680 0.99647 0.99657 0.99657 0.99657 0.99658 0.99666 0.99677 0.99679 0.99679 0.99679 0.99680 0.99647 0.99669 0.99667 0.99667 0.99679 0.99667 0.99679 0.99679 0.99679 0.99679 0.99679 0.99679 0.99679 0.99679 0.99679 0.99679 0.99679 0.99679 0.996880 0.99680 0.99667 0.99667 0.99667 0.99667 0.99679 0.99679 0.99679 0.9967	0.97460	0.97534	0.97608	0.97652	0.97697	0.97741			0.97874	A service of the service of		C0000 100 00 10 10 10 10 10 10 10 10 10 1
0.94910 0.95026 0.95142 0.95247 0.95353 0.95458 0.95564 0.95670 0.95756 0.95842 0.95928 0.96013 0.93008 0.94036 0.94164 0.94296 0.94428 0.94561 0.94693 0.94826 0.94928 0.99030 0.95132 0.92958 0.93099 0.93258 0.93417 0.93577 0.93577 0.93887 0.94019 0.94141 0.94263 0.94385 0.91637 0.91788 0.91940 0.92126 0.92314 0.92502 0.92696 0.92878 0.93022 0.93166 0.93310 0.93455 0.90363 0.90519 0.90676 0.90893 0.91110 0.91328 0.91546 0.91765 0.91931 0.92098 0.92266 0.92433 0.87508 0.87658 0.87809 0.88089 0.88370 0.88652 0.88934 0.89218 0.89434 0.89650 0.89867 0.90085 0.82587 0.86035 0.86192 0.86504 0.86818 0.87133 0.87449 0.87766 0.88011 0.88257 0.88503 0.88245 0.84129 0.84452 0.84452 0.84452 0.84974 0.85139 0.85484 0.85831 0.86179 0.86458 0.87707 0.87299 0.80232 0.80417 0.80602 0.80997 0.81394 0.81793 0.82194 0.82597 0.82942 0.83285 0.85400 0.85716 0.75781 0.75975 0.76178 0.76612 0.77048 0.77428 0.77924 0.80147 0.80572 0.80333 0.871618 0.76178 0.76612 0.77048 0.77428 0.77924 0.80572 0.87378 0.79206 0.79626 0.80048 0.99650 0.99566 0.99566 0.99586 0.99586 0.99566 0.99616 0.99627 0.99637 0.99647 0.99659 0.99094 0.99105 0.99123 0.99138 0.99152 0.99167 0.99183 0.99200 0.99216 0.99233 0.99249 0.99275 0.98593 0.98616 0.98646 0.98663 0.98687 0.986711 0.98673 0.98673 0.99661 0.99661 0.99661 0.99667 0.99667 0.99669 0.99694 0.99684 0.99697 0.99667 0.99668 0.99668 0.98673 0.99611 0.99667 0.99668 0.99673 0.99676 0.99667 0.99668 0.99669 0.9966	0.96678	0.96769	0.96859	0.96920	0.96980	0.97041	0.97102	0.97163	0.97221	0.97279	0.97337	
0.93908 0.94036 0.94164 0.94296 0.94428 0.94561 0.94693 0.94826 0.94928 0.95030 0.95132 0.95234 0.92816 0.92958 0.93099 0.93258 0.93417 0.93577 0.93577 0.94019 0.94141 0.94263 0.94382 0.91637 0.91788 0.91940 0.92126 0.92214 0.92502 0.92690 0.92878 0.93022 0.93166 0.93310 0.93455 0.90363 0.90519 0.90676 0.90893 0.91110 0.91328 0.91546 0.91765 0.91931 0.92088 0.92266 0.92433 0.88993 0.89148 0.89303 0.89551 0.89799 0.90047 0.9027 0.90547 0.90737 0.90928 0.92119 0.91311 0.87508 0.87658 0.87809 0.88066 0.88370 0.88652 0.88934 0.89218 0.89434 0.89560 0.89667 0.90085 0.84129 0.84290 0.84452 0.84794 0.85139 0.85484 0.85831 0.86179 0.86458 0.86737 0.87017 0.87299 0.82243 0.82417 0.82590 0.82961 0.83333 0.83706 0.84081 0.84458 0.84771 0.80585 0.85801 0.88257 0.78081 0.78274 0.78467 0.78884 0.79303 0.77924 0.80147 0.80572 0.80952 0.81333 0.8116 0.82100 0.75781 0.75579 0.76178 0.76612 0.77048 0.77487 0.77192 0.78373 0.78081 0.79206 0.79626 0.80048 0.99562 0.99566 0.99576 0.99582 0.99586 0.99596 0.99600 0.99616 0.99627 0.99637 0.99647 0.99659 0.98593 0.98614 0.98640 0.98663 0.98687 0.98716 0.98720 0.99216 0.99213 0.99244 0.99275 0.98593 0.98614 0.98640 0.98663 0.98687 0.98716 0.98720 0.99775 0.99775 0.97752 0.97752 0.97775 0.97779 0.97752 0.97750 0.97524 0.97053 0.99580 0.99600 0.99161 0.99233 0.99249 0.99257 0.99500 0.99641 0.99050 0.99565 0.99565 0.99566 0.99566 0.99567 0.99637 0.99637 0.99637 0.99637 0.99637 0.99500 0.99500 0.99119 0.99125 0.97556 0.97066 0.99714 0.97220 0.99238 0.99249 0.99257 0.90303 0.9586 0.90576 0.99567 0.99568 0.99500 0.99556 0.99500 0.99216 0.99233 0.99249 0.99350 0.99360	0.95830	0.95934	0.96039	0,96120		0.96282	0.96363		0.96516	0,96588		
0.92815 0.92958 0.93099 0.93258 0.93417 0.93577 0.93737 0.93897 0.94019 0.94141 0.94263 0.94385 0.91637 0.91788 0.91940 0.92126 0.92314 0.92502 0.92690 0.92878 0.93022 0.93166 0.93310 0.93455 0.83693 0.89519 0.90676 0.90893 0.91110 0.91358 0.91546 0.93261 0.92331 0.92438 0.88993 0.89148 0.89303 0.89551 0.89799 0.90047 0.90297 0.90547 0.90737 0.90928 0.92111 0.91311 0.87508 0.87508 0.87658 0.87809 0.88089 0.88376 0.88652 0.88934 0.88218 0.89434 0.89650 0.88667 0.90858 0.84129 0.84152 0.84129 0.84545 0.84129 0.84452 0.84749 0.85133 0.85484 0.88713 0.84129 0.86537 0.86033 0.84145 0.82500 0.82961 0.83333 0.83706 0.84081 0.84458 0.84717 0.85085 0.85867 0.88961 0.89032 0.89417 0.80602 0.80997 0.81394 0.81793 0.82144 0.82597 0.82424 0.84452 0.84454 0.78647 0.78647 0.78642 0.75781 0.75778 0.75778 0.75778 0.75778 0.75778 0.75778 0.75785 0.98676 0.99878 0.98899 0.98850 0.98604 0.98640 0.98640 0.98663 0.98667 0.99667 0.99678 0.99775 0.97755 0.97605 0.97605 0.97605 0.97605 0.97605 0.97605 0.97605 0.97605 0.97605 0.97605 0.97605 0.97605 0.97605 0.97605 0.97605 0.97705 0.97775 0.97775 0.97798 0.97881 0.98836 0.98607 0.99667 0.99667 0.99667 0.99678 0.99606 0.99667 0.99667 0.99678 0.99680 0.96678 0.9663 0.96667 0.96667 0.96640 0.96677 0.96059 0.96680 0.96678 0.96678 0.96667 0.96667 0.96667 0.96667 0.96640 0.96677 0.96678 0.96677 0.96678 0.96677 0.96678 0.96677 0.96678 0.96677 0.96678 0.96677 0.966	0.94910	0.95026	0.95142	0.95247	0.95353	0.95458						,
0.91637 0.91788 0.91940 0.92126 0.92314 0.92502 0.92690 0.92878 0.93022 0.93166 0.93310 0.93455 0.90363 0.90519 0.90676 0.90893 0.91111 0.91328 0.91546 0.91765 0.91931 0.92098 0.92266 0.92433 0.88933 0.89148 0.89303 0.89551 0.89799 0.90047 0.90297 0.90547 0.90737 0.90928 0.91119 0.91311 0.87508 0.87658 0.87809 0.88085 0.88370 0.88652 0.88934 0.89218 0.89434 0.89650 0.89867 0.90085 0.85887 0.86039 0.86192 0.86504 0.86818 0.87133 0.87449 0.87766 0.88011 0.88257 0.88503 0.88751 0.84129 0.84290 0.84452 0.84794 0.85133 0.83484 0.88581 0.86179 0.86458 0.86737 0.87017 0.87299 0.82243 0.82417 0.82590 0.82961 0.83333 0.83706 0.84081 0.84058 0.84771 0.85085 0.85401 0.80322 0.80417 0.80602 0.80997 0.81394 0.81793 0.82194 0.82597 0.82942 0.83289 0.83637 0.83018 0.75781 0.75781 0.75797 0.76178 0.76612 0.77048 0.77487 0.77929 0.78373 0.78788 0.79206 0.79626 0.80048 0.73328 0.73526 0.73725 0.74176 0.74629 0.75085 0.75544 0.76006 0.76457 0.76912 0.77626 0.80048 0.99956 0.999569 0.99109 0.99103 0.99138 0.99152 0.99167 0.99138 0.99207 0.99167 0.99216 0.99217 0.99637 0.99647 0.99659 0.99604 0.99109 0.99109 0.99123 0.99138 0.99152 0.99167 0.99183 0.99206 0.99216 0.99216 0.99216 0.99233 0.99154 0.98593 0.98646 0.98664 0.98663 0.98687 0.98711 0.98234 0.98259 0.98589 0.98310 0.98331 0.98386 0.96848 0.98084 0.98119 0.98155 0.98190 0.99264 0.99606 0.99216 0.99227 0.99637 0.99647 0.99659 0.99609 0.99123 0.99138 0.99152 0.99167 0.99130 0.99216 0.99233 0.99249 0.99275 0.97652 0.97554 0.97605 0.97656 0.99647 0.99659 0.99669 0.99647 0.99659 0.99660 0.996	0.93908	0,94036	0.94164	0.94296	0.94428	0.94561	0.94693		0.94928			
0.90363 0.90515 0.90676 0.90893 0.91110 0.91328 0.91546 0.91765 0.91931 0.92098 0.92266 0.92433 0.88933 0.89148 0.89303 0.89551 0.89795 0.90047 0.90297 0.90547 0.90737 0.90928 0.91119 0.91311 0.87508 0.87508 0.87568 0.87809 0.88089 0.88087 0.88652 0.88934 0.89218 0.89434 0.89650 0.89667 0.90085 0.85887 0.866192 0.84590 0.84452 0.84794 0.85133 0.87449 0.87766 0.88011 0.88257 0.88030 0.88751 0.82423 0.82417 0.82590 0.82961 0.83333 0.83706 0.84081 0.84256 0.86737 0.87017 0.87299 0.82243 0.82417 0.80502 0.80997 0.81394 0.81793 0.82194 0.82597 0.82942 0.83289 0.83637 0.88015 0.78081 0.78274 0.78467 0.78884 0.79303 0.79724 0.80147 0.80572 0.80952 0.81333 0.81716 0.82100 0.75781 0.75579 0.76178 0.76612 0.77048 0.77487 0.77929 0.78373 0.780952 0.81333 0.81716 0.82100 0.73328 0.73526 0.73725 0.74176 0.74629 0.75085 0.75544 0.76006 0.76457 0.76912 0.77368 0.77828 0.99594 0.99109 0.99109 0.99123 0.99138 0.99152 0.99167 0.99183 0.99200 0.99216 0.99233 0.99249 0.99275 0.98593 0.98616 0.98640 0.98663 0.98687 0.98226 0.98236 0.98570 0.98589 0.99850 0.99811 0.98155 0.98109 0.98226 0.98247 0.98268 0.98286 0.99586 0.99596 0.99606 0.99616 0.99627 0.99637 0.99637 0.99638 0.97453 0.97504 0.97554 0.97656 0.97706 0.97729 0.97250 0.97775 0.97779 0.97758 0.97858 0.97553 0.96641 0.99647 0.99659 0.99650 0.99660 0.99616 0.99617 0.99130 0.99131 0.99	0.92819	0.92958	0.93099	0.93258	0.93417	0.93577						
0.88993 0.89148 0.89303 0.89551 0.89799 0.90047 0.90297 0.90547 0.90737 0.90928 0.91119 0.91311 0.87508 0.87568 0.87658 0.87809 0.88089 0.88370 0.88652 0.88934 0.89218 0.89434 0.89650 0.89867 0.90085 0.85887 0.86039 0.86192 0.86504 0.8618 0.87133 0.87449 0.87766 0.88011 0.88257 0.88503 0.88751 0.84129 0.82430 0.82417 0.82590 0.82961 0.83333 0.83706 0.84081 0.84458 0.84771 0.85085 0.85400 0.85716 0.80232 0.80417 0.80602 0.80997 0.81394 0.81793 0.82194 0.82597 0.82942 0.83289 0.83637 0.83987 0.75781 0.758274 0.78467 0.78864 0.77048 0.77487 0.77929 0.78373 0.78788 0.79204 0.85139 0.75781 0.75979 0.76178 0.76612 0.77048 0.77487 0.77929 0.78373 0.78788 0.79206 0.79626 0.80048 0.73328 0.73526 0.73725 0.74176 0.74629 0.75085 0.75544 0.76006 0.76457 0.76912 0.77368 0.77828 0.99562 0.99569 0.99576 0.99582 0.99589 0.99596 0.99606 0.99616 0.99627 0.99637 0.99647 0.99659 0.99604 0.99109 0.99123 0.99138 0.99152 0.99167 0.99183 0.99200 0.99216 0.99233 0.99249 0.99275 0.98593 0.98616 0.98640 0.98663 0.98687 0.98711 0.98730 0.98750 0.98769 0.98789 0.98809 0.98850 0.99504 0.99109 0.99123 0.99138 0.99152 0.99167 0.99133 0.99200 0.99216 0.99233 0.99249 0.99275 0.98684 0.98640 0.98664 0.98663 0.98687 0.98711 0.98730 0.98750 0.98769 0.98789 0.98809 0.98850 0.99506 0.9950	0.91637	0.91788	0.91940	0.92126	0.92314	1 A. C. A. C. C. C.	0.92690	0.92878	- 1	0.93166		
0.87508 0.87658 0.87809 0.88089 0.88370 0.88652 0.88944 0.89218 0.89434 0.89650 0.89867 0.90085 0.85887 0.86039 0.86192 0.8604 0.86118 0.87133 0.87449 0.87766 0.88011 0.88257 0.88303 0.88751 0.82243 0.82417 0.82590 0.82961 0.83333 0.83706 0.84081 0.8458 0.84771 0.85085 0.85400 0.85716 0.80232 0.80417 0.80602 0.80997 0.81394 0.81793 0.82194 0.82597 0.82942 0.83333 0.83706 0.84088 0.84771 0.85085 0.85307 0.8017 0.82194 0.82597 0.82942 0.83289 0.83637 0.83987 0.78081 0.78274 0.78467 0.78884 0.79303 0.77924 0.80147 0.80572 0.81333 0.81716 0.8242 0.83289 0.83637 0.83631 0.8242 0.82829 0.83637 0.78626 0.87629 0.75385 0.	0.90363	0.90519	0.90676	0.90893	0.91110	0.91328	0.91546	0.91765		0.92098	0.92266	
0.85887 0.86039 0.86192 0.86504 0.86818 0.87133 0.87449 0.87766 0.88011 0.88257 0.88503 0.88751 0.84129 0.84290 0.84452 0.844794 0.85139 0.85484 0.85831 0.86179 0.86458 0.86737 0.87017 0.87299 0.82243 0.82417 0.82590 0.82961 0.83333 0.83706 0.84081 0.84458 0.84771 0.855085 0.85400 0.85716 0.80232 0.80417 0.80602 0.80997 0.81394 0.81793 0.82194 0.82597 0.82942 0.83289 0.83637 0.83987 0.78081 0.78274 0.78467 0.78884 0.79303 0.79724 0.80147 0.80572 0.80952 0.81333 0.81716 0.82100 0.75781 0.75979 0.76178 0.76612 0.77048 0.77487 0.77929 0.78373 0.78788 0.79206 0.79626 0.80048 0.73328 0.73526 0.73725 0.74176 0.74629 0.75085 0.75544 0.76006 0.76457 0.76912 0.77368 0.77828 0.999562 0.999566 0.99576 0.99582 0.99589 0.99596 0.99606 0.99616 0.99627 0.99637 0.99647 0.99659 0.99904 0.99109 0.99123 0.99138 0.99152 0.99167 0.99183 0.99200 0.99216 0.99233 0.99249 0.99275 0.98593 0.98616 0.98640 0.98663 0.98687 0.98711 0.98730 0.98750 0.98769 0.98789 0.98809 0.98850 0.98048 0.98084 0.98119 0.98155 0.98190 0.98226 0.98247 0.98268 0.98289 0.98310 0.98331 0.98386 0.97453 0.97504 0.97554 0.97609 0.97708 0.97708 0.97714 0.97201 0.97728 0.97798 0.97812 0.9788 0.96804 0.96673 0.96941 0.97009 0.97078 0.97146 0.97174 0.97201 0.97228 0.97255 0.97282 0.97357 0.96609 0.96189 0.96287 0.96567 0.9	0.88993	0.89148	0.89303	0.89551	0.89799	0.90047	0.90297			0.90928	0.91119	
0.84129	0.87508	0.87658	0.87809	0.88089	0.88370	0.88652	0.88934	0.89218	0.89434	10	0.89867	
0.82243	0.85887	0.86039	0.86192	0.86504	0.86818	0.87133	0.87449	0.87766	0.88011	1	0.88503	
0.80232 0.80417 0.80602 0.80997 0.81394 0.81793 0.82194 0.82597 0.82942 0.83285 0.83637 0.83987 0.78081 0.78274 0.78467 0.78884 0.79303 0.79724 0.80147 0.80572 0.80952 0.81333 0.81716 0.82100 0.75781 0.75799 0.76178 0.76612 0.77048 0.77487 0.77929 0.78373 0.78788 0.79206 0.79626 0.80048 0.73328 0.73526 0.73725 0.74176 0.74629 0.75085 0.75544 0.76006 0.76457 0.76912 0.77368 0.77828 0.99562 0.99569 0.99576 0.99582 0.99589 0.99596 0.99606 0.99616 0.99627 0.99637 0.99647 0.99659 0.99094 0.99109 0.99123 0.99138 0.99152 0.99167 0.99183 0.99200 0.99216 0.99233 0.99249 0.99275 0.98593 0.98616 0.98640 0.98663 0.98687 0.98711 0.98730 0.98750 0.98769 0.98789 0.98809 0.98850 0.97453 0.97504 0.97504 0.97605 0.97605 0.97706 0.97702 0.97752 0.97752 0.97798 0.98310 0.98331 0.98386 0.97453 0.95649 0.95649 0.99618 0.96673 0.96681 0.96678 0.96684 0.96673 0.96681 0.97078 0.97146 0.97174 0.97201 0.97228 0.97255 0.97822 0.97357 0.96099 0.96189 0.96576 0.95675 0.95789 0.95902 0.95941 0.95707 0.9618 0.96677 0.96709 0.96788 0.95336 0.95449 0.95562 0.95675 0.95789 0.95902 0.95941 0.95079 0.96611 0.96644 0.96677 0.96709 0.96788 0.95360 0.93712 0.93712 0.93714 0.93600 0.93771 0.93942 0.94131 0.94285 0.94547 0.94511 0.95070 0.95386 0.95247 0.93610 0.93871 0.93712 0.93714 0.93600 0.93771 0.93712 0.93714 0.93600 0.93771 0.93942 0.94131 0.94285 0.94457 0.94511 0.94507 0.94647 0.94787 0.94131 0.94285 0.94457 0.94511 0.94507 0.94647 0.94787 0.9312 0.93218 0.94285 0.94457 0.94511 0.94507 0.94647 0.94787 0.9312 0.93218 0.99274 0.92813 0.92902 0.9291 0.93081 0.93170 0.93247 0.93003 0.90586 0.90870 0.91155 0.91441 0.91728 0.91842 0.91956 0.92071 0.92185 0.92300 0.92380 0.91746 0.93031 0.93842 0.94113 0.94285 0.94457 0.94511 0.94508 0.93091 0.93081 0.93170 0.93247 0.93003 0.90586 0.90870 0.91155 0.91441 0.91728 0.91842 0.91956 0.92071 0.92185 0.92300 0.92380 0.91740 0.93003 0.90586 0.90870 0.91155 0.91441 0.91728 0.91842 0.91956 0.92071 0.92185 0.92300 0.92380 0.88603 0.86472 0.89656 0.88986 0.89060 0.88483 0.88647 0.88656 0.88647 0.88656 0.88647 0.	0.84129	0.84290	0.84452	0.84794	0.85139	0.85484	0.85831	0.86179	0.86458			
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0.78290	0.79027	0.79771	0.80522	0.81280	0.82045	0.82367	0.82690	0.83015	0.83341	0.83668	0.83903
				1005	1000 1	1000	1000	1000	1001	1000	1000
1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
0.99670	0.99682	0.99693	0.99705	0.99713	0.99721	0.99730	0.99738	0.99746	0.99747	0.99749	0.99750
0.99300	0.99326	0.99351	0.99377	0.99394	0.99411	0.99428	0.99446	0.99463	0.99465	0.99468	0.99471
0.98890	0.98931	0.98972	0.99013	0.99040	0.99068	0.99095	0.99122	0.99149	0.99154	0.99159	0.99163
0.98442	0.98498	0.98553	0.98609	0.98649	0.98689	0.98729	0.98768	0.98808	0.98815	0.98821	0.98828
0.97956	0.98024	0.98092	0.98160	0.98216	0.98272	0.98328	0.98384	0.98441	0.98448	0.98456	0.98464
0.97433	0.97508	0.97584	0.97659	0.97736	0.97812	0.97889	0.97965	0.98042	0.98050	0.98057	0.98065
0.96866	0.96945	0.97024	0.97102	0.97203	0.97303	0.97404	0.97504	0.97605	0.97611	0.97618	0.97625
0.96253			0.96492		0.96743	0.96869	0.96995	0.97122	0,97128	0.97135	0.97142
0.95593	0.95672		0.95830		0.96129	0.96280	0.96430	0.96581	0.96591	0.96601	0.96612
0.94885	0.94963		0.95118		0.95459	0.95629	0.95801	0.95972	0,95992	0.96011	0.96031
0.94129	0.94206	0.94282	0.94359		0.94730	0.94917	0.95104	0.95291	0.95325	0.95359	0.95393
0.93323	0.93400	0.93476	0.93553		0.93945	0,94142	0.94339	0.94537	0.94589	0.94641	(),94692
0.92460	0.92541		0.92701		0.93104	0.93306	0.93509	0.93712	0.93783	0.93854	0.93925
0.91529	0.91618		0.91797		0.92204	0.92408	0.92613	0.92818	0.92907	0.92996	0.93086
0.90519	0.90622		0.90829					0.91852	0.91957	0.92061	0.92166
0.89429	0.89549		0.89790			0.90402	0.90607	0.90813	0.90928	0.91043	0.91159
0.88256	0.88397		0.88679		0.89085			0.89698		0.89965	0.90100
0.86990	0.87158		2/					0.88511	9	0.88779	0.88914
0.85621	0.85820		0.86221	0.86426	}	0.86837	0.87043	0.87250		0.87511	0.87641
0.84138						0.000	0.85697				

1994	1995
0.99752	0.99753
0.99473	0.99476
0.99168	0.99172
0.98835	0.98841
0.98472	0.98479
0.98072	0.98079
0.97631	0.97638
0.97148	0.97155
0.96622	0.96632
0.96050	0.96070
0.95427	0.95461
0.94744	0.94796
0.93997	0.94068
0.93175	0.93265
0.92270	0.92375
0.91275	0.91390
0.90234	0.90369
0.89049	0.89184
0.87772	0.87902
0.86400	0.86522

Aged 60	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957
60			0.97098								
61			0.93993								
62			0.90644								
63	0.85513	0.86317	0.87128	0.87948	0.88774	0.89052	0.89331	0.89610	0.89890	0.89953	0.90015
64	0.81480	0.82460	0.83452	0.84455	0.85471	0.85840	0.86210	0.86583	0.86956	0.87025	0.87093

						1051	1065	1000	10/7	1069	1969
1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	
0,97759	0.97777	0.97796	0.97837	0.97879	0.97920	0.97962	0.98003	0.98049	0.98095	0.98141	0.98187
0.95369	0.95405	0.95442	0.95522	0.95602	0.95682	0.95763	0.95843	0.95934	0.96025	0.96116	0.96207
0.92812	0.92863	0.92914	0.93030	0.93145	0.93261	0.93378	0.93494	0.93632	0.93769	0.93907	0.94046
0.90077	0.90140	0.90203	0.90350	0.90497	0,90645	0.90793	0.90942	0.91129	0.91317	0.91505	0.91694
0.87162	0.87230	0.87299	0.87477	0.87656	0.87836	0.88015	0.88195	0.88433	0.88672	0.88911	0.89151
1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
0.98233	0.98308	0.98382	0.98457	0.98532	0.98607	0.98637	0.98666	0.98696	0.98725	0.98755	0.98775
0.96298	0.96457	0.96616	0.96775	0.96935	0.97094	0.97157	0.97220	0.97284	0.97347	0.97410	0.97455
0.94184	0.94434	0.94686	0.94937	0.95190	0.95443	0.95544	0.95646	0.95747	0.95849	0.95951	0.96026
0.91883		0.92582	0.92933	0.93286	0.93640	0.93784	0.93929	0.94074	0.94219	0.94364	0.94476
0.89392	0.89844	0.90299	0.90755	0.91214	0.91675	0.91868	0.92061	0.92254	0.92448	0.92642	0.92796
						7					
1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
0.98795	0.98816	0.98836			0.98861	0,98863	0.98866	0.98868	0.98881	0.98894	0,98908
0.97499	0.97544						0.97650	0.97654	0.97689	0.97723	0.97758
0.96101	0.96177	0.96252		1	0.96341	0.96348	0.96355	0.96362	0.96399	0.96435	0.96472
0.94588			1	0.94939	0.94952	0.94964	0.94977	0.94990	0.95023	0.95057	0.95091
0.92950	0.93105		0.93415	0.93438	0,93461	0,93484	0.93508	0.93531	0.93557	0.93584	0.93611

1994	1995
0.98921	0.98934
0.97793	0.97828
0.96509	0.96545
0.95124	0.95158
0.93637	0.93664

Table C-6: Estimated Female Probability of Future Survival, Aged 15, 30, 45, and 60

Aged 15	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957
15	0.99695	0.99739	0.99783	0.99827	0.99871	0.99885	0.99899	0.99914	0.99928	0.99933	0.99937
16	0.99324	0.99423	0.99522	0.99621	0.99720	0.99751	0.99782	0.99813	0.99844	0.99853	0.99862
17	0.98881	0.99045	0.99210	0.99375	0.99540	0.99590	0.99640	0.99691	0.99741	0.99755	0.99770
18	0.98353	0.98595	0.98837	0.99080	0.99324	0.99396	0.99469	0.99542	0.99615	0.99635	0.99656
19	0.97736	0.98069	0.98402	0.98737	0.99072	0.99171	0.99269	0.99368	0.99466	0.99495	0.99523
20	0.97058	0.97490	0.97924	0.98360	0.98798	0.98923	0.99048	0.99174	0.99299	0.99337	0.99375
21	0.96349	0.96883	0.97421	0.97962	0.98506	0.98658	0.98811	0.98964	0.99117	0.99165	0.99213
22	0.95625	0.96259	0.96897	0.97539	0.98185	0.98369	0.98554	0.98738	0.98923	0.98982	0.99042
23	0.94891	0.95619	0.96353	0.97092	0.97837	0.98057	0.98277	0.98498	0.98719	0.98790	0.98862
24	0.94152	0.94972	0.95799	0.96633	0.97474	0.97732	0.97991	0.98251	0.98511	0.98594	
25	0.93432	0.94337	0.95252	0.96175	0.97106	0.97403	0.97700	0.97999	0.98298		
26	0.92745	0.93726	0.94718	0.95720	0.96733	0.97069	0.97405	0.97742	0.98081		
27	0.92077	0.93127	0.94190	0.95264	0.96351	0.96726	A STATE OF THE PARTY OF THE PAR	The International Control	0.97857	0.97980	0.98103
28	0.91413	0.92532	0.93664	0.94810	0.95971	0.96382	0.96796	0.97211	0.97627	2000	2016/01/2015
29	0.90747	0.91934	0.93137	0.94356	0.95590	0.96037	0.96487	0.96939	0.97393	0.97546	2140
30	0.90089	0.91342	0.92613	0.93902	0.95208	0.95691	0.96176	0.96663	0.97153	100000000000000000000000000000000000000	
31	0.89444	0.90761	0.92097	0.93452	0.94828	0.95343	0.95862	0.96383	0.96908	0.97091	The second second second
32	0.88811	0.90187	0.91585	0.93004	0.94445	0.94994	0.95546	7.7	0.96659	0.96856	
33	0.88186	0.89619	0.91076	0.92556	0.94060	0.94641	0.95225	0.95813	0.96404	0.96616	
34	0.87569	0.89056	0.90568	0.92106	0.93671	0.94283	0.94898	0.95518	0.96142	0.96368	
35	0.86956	0.88494	0.90060	0.91654	0.93275	0.93917	0.94563	0.95213	0.95868	0.96109	Property Control
36	0.86345	0.87933	0.89550	0.91196	0.92873	0.93543	0.94218	0.94898	0.95582	0,95839	0.96096

I 27 I	o occod	o omed	0.89034	0.90733	0.00161	0.93162	0 03865	0.94574	0.95288	0.95559	0.95831
37	STORES TO CONTRACT	0.87368	The second second	0.90753		0.93102	0.93501	0.94240	0.94986	0.95271	0.95556
38	1077-1077-1077	0.86797	0.88510	The state of the s	0.92038	0.92767	0.93301	0.93895	0.94673	0.94970	0.95268
39		0.86219	0.87976	0.89769			0.92734	0.93538	0.94350	0.94659	0.94970
40		0.85626	0.87428	0.89268		0.91937	0.92734	0.93170	0.94015	0.94337	0.94661
41		0.85015	0.86864	0.88752	0.90682	0.91504	ALC: NO SECTION AND ADDRESS OF THE PERSON AN	The second second second second	0.93661	0.93998	0.94336
42	0.82538	0.84392	0.86288	0.88226	0.90208	0.91059	0.91918	0.92786		0.93637	0.93990
43	0.81872	0.83768	0.85708	0.87693	0.89724	0.90602	0.91488	0.92382	0.93286	A CONTRACTOR OF THE PARTY OF TH	0.93620
44	0.81213	0.83146	0.85124	0.87150	0.89224	0.90126	0.91037	0.91958	0.92887	0.93253	0.93020
45	0.80547	0.82512	0.84524	0.86586	0.88697	0.89626	0.90564	0.91512	0.92469	0.92846	
46	0.79861	0,81855	0.83898	0.85993	0.88139	0.89095	0.90060	0.91036	0.92023	0.92411	0.92800
47	0.79145	0.81166	0.83239	0.85366	0.87546	0.88526	0.89517	0.90518	0.91531	0.91933	0.92335
48	0.78383	0.80434	0.82538	0.84697	0.86912	0.87915	0.88929	0.89955	0.90992	0.91409	0.91828
49	0.77569	0.79652	0.81792	0.83989	0.86245	0.87269	0.88305	0.89354	0.90414	0.90849	0.91285
50	0.76707	0.78829	0.81009	0.83249	0.85551	0.86596	0.87654	0.88724	0.89808	0.90258	0.90711
51	0.75809	0.77965	0.80183	0.82464	0.84810	0.85880	0.86963	0.88060	0.89171	0.89635	0.90101
52	0.74876	0.77061	0.79310	0.81625	0.84007	0.85106	0.86219	0.87347	0.88489	0.88966	0.89445
53	0.73910	0.76120	0.78397	0.80742	0.83157	0.84283	0.85424	0.86581	0.87754	0.88244	0.88736
54	0.72908	0.75143	0.77447	0.79821	0.82268	0.83420	0.84587	0.85771	0.86971	0.87475	0.87982
55	0.71859	0.74117	0.76446	0.78848	0.81325	0.82505	0.83702	0.84916	0.86147	0.86665	0.87185
56	0.70735	0.73017	0.75372	0.77803	0.80312	0.81525	0.82756	0.84005	0.85274	0.85804	0.86338
57	0.69535	0.71834	0.74209	0.76662	0.79197	0.80449	0.81721	0.83013	0.84326	0.84870	0.85418
58	0.68260	0.70574	0.72968	0.75442	0.78001	0.79290	0.80600	0.81932	0.83286	0.83846	0.84410
59	0.66899	0.69239	0.71661	0.74168	0.76762	0.78078	0.79416	0.80777	0.82161	0.82738	0.83318
60	0.65423	0.67800	0.70265	0,72818	0.75465	0.76804	0.78167	0.79555	0.80967	0.81557	0.82152
61	0.63822	0.66241	0.68752	0.71358	0.74063	0.75430	0.76822	0.78239	0.79683	0.80288	0.80899
62	0.62115	0.64577	0.67135	0.69796	0.72561	0.73951	0.75366	0.76809	0.78279	0.78904	0.79535
	2.83	The state of the s	DEVISION NEWSFILM	And the second second		CONTRACTOR OF THE PARTY OF THE		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.76755	1 1 1 1 1 1 1 1 1 1	0.78051
62	1 0 602 501	0.62955	0.000	1.1 (53% 1.65 /		11 // 325/	U /38111	11. 1. 2. 2. 12. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2			U. 70U.21
63	0.60359	0.62855	0.65455	0.68162	0.70980	0.72382	0.73811	0.75269			
63 64	0.60359	0.62855 0.61010	0.63627	0.66356	0.70980		0.73811	0.73603	0.75132		0.76457
64	0.58501	0.61010	0.63627	0.66356	0.69202	0.70639	0.72106	The second second			
1958	0.58501	0.61010 1960	0. 63627	0.66356 1962	0.69202	0.70639	0. 7210 6	0.73603	0.75132	0.75791	0.76457
1958 0.99942	0.58501 1959 0.99946	1960 0.99951	0.63627 1961 0.99954	0.66356 1962 0.99956	0.69202 1963 0.99959	0.70639 1964 0.99961	0. 72106 1965 0.99964	0.73603 1966 0.99965	0.75132 1967 0.99966	0.75791 1968	0.76457 1969
1958 0.99942 0.99872	0.58501 1959 0.99946 0.99881	1960 0.99951 0.99890	0.63627 1961 0.99954 0.99897	0.66356 1962 0.99956 0.99904	1963 0,99959 0,99910	0.70639 1964 0.99961 0.99917	0. 72106 1965 0.99964 0.99924	0.73603 1966 0.99965 0.99925	0.75132 1967 0.99966 0.99927	0.75791 1968 0.99966 0.99928	0.76457 1969 0.99967
1958 0.99942 0.99872 0.99784	1959 0.99946 0.99881 0.99798	1960 0.99951 0.99890 0.99812	0.63627 1961 0.99954 0.99897 0.99825	0.66356 1962 0.99956 0.99904 0.99838	1963 0,99959 0,99910 0,99852	1964 0.99961 0.99917 0.99865	0.72106 1965 0.99964 0.99924 0.99878	1966 0.99965 0.99925 0.99880	0.75132 1967 0.99966 0.99927 0.99882	0.75791 1968 0.99966 0.99928 0.99884	0.76457 1969 0.99967 0.99930 0.99886
1958 0.99942 0.99872 0.99784 0.99676	0.58501 1959 0.99946 0.99881 0.99798 0.99697	1960 0.99951 0.99890 0.99812 0.99717	0.63627 1961 0.99954 0.99897 0.99825 0.99739	0.66356 1962 0.99956 0.99904 0.99838 0.99761	1963 0.99959 0.99910 0.99852 0.99783	0.70639 1964 0.99961 0.99917 0.99865 0.99804	0. 72106 1965 0.99964 0.99924 0.99878 0.99826	0,73603 1966 0,99965 0,99925 0,99880 0,99829	1967 0.99966 0.99927 0.99882 0.99831	0.75791 1968 0.99966 0.99928 0.99884 0.99833	0.76457 1969 0.99967 0.99930 0.99886 0.99836
1958 0.99942 0.99872 0.99784 0.99676 0.99552	0.58501 1959 0.99946 0.99881 0.99798 0.99697 0.99580	1960 0.99951 0.99812 0.99717 0.99609	0.63627 1961 0.99954 0.99897 0.99825 0.99739 0.99640	0.66356 1962 0.99956 0.99904 0.99838 0.99761 0.99672	1963 0,99959 0,99910 0,99852 0,99783 0,99704	1964 0.99961 0.99965 0.99804 0.99735	0.72106 1965 0.99964 0.99924 0.99878 0.99826 0.99767	0.73603 1966 0.99965 0.99925 0.99880 0.99829 0.99770	1967 0.99966 0.99927 0.99882 0.99831 0.99773	0.75791 1968 0.99966 0.99928 0.99884 0.99833 0.99776	0.76457 1969 0.99967 0.99930 0.99886 0.99836 0.99779
1958 0.99942 0.99872 0.99784 0.99676 0.99552 0.99412	0.58501 1959 0.99946 0.99881 0.99697 0.99580 0.99450	1960 0.99951 0.99890 0.99812 0.99717 0.99609 0.99488	0.63627 1961 0.99954 0.99897 0.99825 0.99739 0.99640 0.99530	0.66356 1962 0.99956 0.99904 0.99838 0.99761 0.99672 0.99573	1963 0.99959 0.99910 0.99852 0.99783 0.99704 0.99615	0,70639 1964 0,99961 0,99917 0,99865 0,99804 0,99735 0,99658	0.72106 1965 0.99964 0.99924 0.99878 0.99826 0.99767 0.99700	0.73603 1966 0.99965 0.99925 0.99880 0.99829 0.99770 0.99705	1967 0.99966 0.99927 0.99882 0.99831 0.99773 0.99709	0.75791 1968 0.99966 0.99928 0.99884 0.99833 0.99776 0.99713	0.76457 1969 0.99967 0.99930 0.99886 0.99836 0.99779 0.99717
1958 0.99942 0.99872 0.99784 0.99676 0.99552 0.99412 0.99261	0.58501 1959 0.99946 0.99881 0.99798 0.99697 0.99580 0.99450 0.99310	1960 0.99951 0.99890 0.99812 0.99717 0.99609 0.99488 0.99358	0.63627 1961 0.99954 0.99897 0.99825 0.99739 0.99640 0.99530 0.99411	0.66356 1962 0.99956 0.99904 0.99838 0.99761 0.99672 0.99573 0.99465	0.69202 1963 0.99959 0.99910 0.99852 0.99704 0.99615 0.99518	0,70639 1964 0,99961 0,99917 0,99865 0,99735 0,99658 0,99572	0.72106 1965 0.99964 0.99924 0.99878 0.99826 0.99767 0.99700 0.99626	0.73603 1966 0.99965 0.99925 0.99829 0.99770 0.99705 0.99632	1967 0.99966 0.99927 0.99831 0.99773 0.99709 0.99638	0.75791 1968 0.99966 0.99928 0.99833 0.99776 0.99713 0.99644	0.76457 1969 0.99967 0.99930 0.99886 0.99836 0.99779 0.99717 0.99650
1958 0.99942 0.99872 0.99784 0.99676 0.99552 0.99412 0.99261 0.99101	0.58501 1959 0.99946 0.99881 0.99798 0.99697 0.99580 0.99450 0.99310 0.99160	0.61010 1960 0.99951 0.99890 0.99812 0.99717 0.99609 0.99488 0.99358 0.99220	0.63627 1961 0.99954 0.99897 0.99825 0.99739 0.99640 0.99530 0.99411 0.99284	0.66356 1962 0.99956 0.99904 0.99838 0.99761 0.99573 0.99465 0.99349	0.69202 1963 0.99959 0.99910 0.99852 0.99783 0.99704 0.99615 0.99518 0.99414	0,70639 1964 0,99961 0,99917 0,99865 0,99735 0,99658 0,99572 0,99479	0.72106 1965 0.99964 0.99924 0.99878 0.99826 0.99767 0.99700 0.99626 0.99544	0.73603 1966 0.99965 0.99925 0.99880 0.99829 0.99705 0.99632 0.99552	0.75132 1967 0.99966 0.99927 0.99882 0.99831 0.99773 0.99709 0.99638 0.99561	0.75791 1968 0.99966 0.99928 0.99884 0.99833 0.99776 0.99713 0.99644 0.99570	0.76457 1969 0.99967 0.99930 0.99886 0.99836 0.99717 0.99650 0.99578
1958 0.99942 0.99872 0.99784 0.99676 0.99552 0.99412 0.99261 0.99101 0.98933	0.58501 1959 0.99946 0.99881 0.99798 0.99697 0.99580 0.99450 0.99160 0.99004	0.61010 1960 0.99951 0.99890 0.99812 0.99717 0.99609 0.99488 0.99358 0.99220 0.99076	0.63627 1961 0.99954 0.99897 0.99825 0.99739 0.99640 0.99530 0.99411 0.99284 0.99152	0.66356 1962 0.99956 0.99904 0.99838 0.99761 0.99573 0.99465 0.99349 0.99228	0.69202 1963 0.99959 0.99910 0.99852 0.99783 0.99704 0.99615 0.99518 0.99414 0.99304	0,70639 1964 0,99961 0,99917 0,99865 0,99735 0,99658 0,99572 0,99479 0,99380	0.72106 1965 0.99964 0.99924 0.99878 0.99826 0.99767 0.99700 0.99626 0.99544 0.99456	0.73603 1966 0.99965 0.99829 0.99829 0.99770 0.99705 0.99632 0.99552 0.99468	0.75132 1967 0.99966 0.99927 0.99882 0.99831 0.99773 0.99709 0.99638 0.99561 0.99480	0.75791 1968 0.99966 0.99928 0.99884 0.99833 0.99776 0.99713 0.99644 0.99570 0.99492	1969 0.99967 0.99930 0.99886 0.99836 0.99779 0.99717 0.99650 0.99578 0.99503
1958 0.99942 0.99872 0.99784 0.99676 0.99552 0.99412 0.99261 0.99101 0.98933 0.98762	0.58501 1959 0.99946 0.99881 0.99697 0.99580 0.99450 0.99310 0.99160 0.99004 0.98845	1960 0.99951 0.99890 0.99812 0.99717 0.99609 0.99488 0.99358 0.99220 0.99076 0.98929	1961 0.99954 0.99825 0.99739 0.99640 0.99530 0.99411 0.99284 0.99152 0.99016	0.66356 1962 0.99956 0.99904 0.99838 0.99761 0.99672 0.99573 0.99465 0.99349 0.99228 0.99103	1963 0.99959 0.99910 0.99852 0.99783 0.99704 0.99615 0.99518 0.99414 0.99304 0.99190	0.70639 1964 0.99961 0.99917 0.99865 0.99804 0.99735 0.99572 0.99479 0.99380 0.99277	0.72106 1965 0.99964 0.99924 0.99878 0.99826 0.99767 0.99700 0.99626 0.99544 0.99456 0.99364	0.73603 1966 0.99965 0.99829 0.99829 0.99770 0.99705 0.99632 0.99552 0.99468 0.99379	1967 0.99966 0.99927 0.99882 0.99831 0.99773 0.99709 0.99638 0.99561 0.99480 0.99394	0.75791 1968 0.99966 0.99928 0.99884 0.99833 0.99776 0.99713 0.99644 0.99570 0.99492 0.99410	1969 0.99967 0.99930 0.99886 0.99836 0.99779 0.99717 0.99650 0.99578 0.99503 0.99425
1958 0.99942 0.99872 0.99784 0.99676 0.99552 0.99412 0.99261 0.99101 0.98933 0.98762 0.98587	0.58501 1959 0.99946 0.99881 0.99697 0.99580 0.99450 0.99310 0.99160 0.99004 0.98845 0.98885	1960 0.99951 0.99890 0.99812 0.99717 0.99609 0.99488 0.99358 0.99220 0.99076 0.98929 0.98780	1961 0.99954 0.99825 0.99739 0.99640 0.99530 0.99411 0.99284 0.99152 0.99016 0.98877	0.66356 1962 0.99956 0.99904 0.99838 0.99761 0.99672 0.99573 0.99465 0.99349 0.99228 0.99103 0.98975	1963 0.99959 0.99910 0.99852 0.99783 0.99704 0.99615 0.99518 0.99414 0.99304 0.99190 0.99072	0.70639 1964 0.99961 0.99917 0.99865 0.99804 0.99735 0.99572 0.99479 0.99380 0.99277 0.99170	0.72106 1965 0.99964 0.99924 0.99826 0.99826 0.99767 0.99700 0.99626 0.99456 0.99456 0.99364 0.99267	0.73603 1966 0.99965 0.99829 0.99829 0.99770 0.99705 0.99632 0.99552 0.99468 0.99379 0.99287	1967 0.99966 0.99927 0.99882 0.99831 0.99773 0.99709 0.99638 0.99561 0.99480 0.99394 0.99394	0.75791 1968 0.99966 0.99928 0.99884 0.99833 0.99776 0.99713 0.99644 0.99570 0.99492 0.99410 0.99325	0.76457 1969 0.99967 0.99930 0.99886 0.99836 0.99779 0.99717 0.99650 0.99578 0.99503 0.99425 0.99344
1958 0.99942 0.99872 0.99784 0.99676 0.99552 0.99412 0.99261 0.99101 0.98933 0.98762 0.98409	0.58501 1959 0.99946 0.99881 0.99798 0.99697 0.99580 0.99450 0.99310 0.99160 0.99004 0.98845 0.98883 0.98518	1960 0.99951 0.99890 0.99812 0.99717 0.99609 0.99488 0.99358 0.99220 0.99076 0.98929 0.98780 0.98628	1961 0.99954 0.99897 0.99825 0.99739 0.99640 0.99530 0.99411 0.99284 0.99152 0.99016 0.98877 0.98735	0.66356 1962 0.99956 0.99904 0.99838 0.99761 0.99672 0.99573 0.99465 0.99349 0.99228 0.99103 0.98975 0.98842	1963 0.99959 0.99910 0.99852 0.99783 0.99704 0.99615 0.99518 0.99414 0.99304 0.99190 0.99072 0.98950	0.70639 1964 0.99961 0.99917 0.99865 0.99804 0.99735 0.99572 0.99479 0.99380 0.99277 0.99170 0.99057	0.72106 1965 0.99964 0.99924 0.99826 0.99767 0.99700 0.99626 0.99544 0.99456 0.99364 0.99267 0.99165	0.73603 1966 0.99965 0.99829 0.99829 0.99770 0.99705 0.99632 0.99552 0.99468 0.99379 0.99287 0.99189	1967 0.99966 0.99927 0.99882 0.99831 0.99773 0.99709 0.99638 0.99561 0.99480 0.99394 0.99396 0.99212	0.75791 1968 0.99966 0.99928 0.99884 0.99833 0.99776 0.99713 0.99644 0.99570 0.99410 0.99325 0.99235	0.76457 1969 0.99967 0.99930 0.99886 0.99836 0.99779 0.99717 0.99650 0.99578 0.99503 0.99425 0.99344 0.99259
1958 0.99942 0.99872 0.99784 0.99676 0.99552 0.99412 0.99261 0.99101 0.98933 0.98762 0.98587 0.98409 0.98226	0.58501 1959 0.99946 0.99881 0.99798 0.99580 0.99450 0.99310 0.99160 0.99004 0.98845 0.98845 0.98845 0.988518 0.98349	0.61010 1960 0.99951 0.99890 0.99812 0.99717 0.99609 0.99488 0.99358 0.99220 0.99076 0.98929 0.98780 0.98628 0.98473	0.63627 1961 0.99954 0.99897 0.99825 0.99739 0.99640 0.99530 0.99411 0.99284 0.99152 0.99016 0.98877 0.98735 0.98590	0.66356 1962 0.99956 0.99904 0.99838 0.99761 0.99672 0.99573 0.99465 0.99349 0.99228 0.99103 0.98975 0.98842 0.98707	1963 0.99959 0.99910 0.99852 0.99783 0.99704 0.99615 0.99518 0.99304 0.99190 0.99072 0.98950 0.98825	0,70639 1964 0,99961 0,99917 0,99865 0,99735 0,99572 0,99479 0,99380 0,99277 0,99170 0,99057 0,98942	0.72106 1965 0.99964 0.99924 0.99826 0.99767 0.99700 0.99626 0.99544 0.99456 0.99364 0.99267 0.99165 0.99060	0.73603 1966 0.99965 0.99925 0.99829 0.99770 0.99705 0.99632 0.99552 0.99468 0.99379 0.99287 0.99189 0.99088	1967 0.99966 0.99927 0.99831 0.99773 0.99709 0.99638 0.99561 0.99480 0.99394 0.99394 0.99312	0.75791 1968 0.99966 0.99928 0.99833 0.99776 0.99713 0.99644 0.99570 0.99410 0.99325 0.99235 0.99143	0.76457 1969 0.99967 0.99930 0.99886 0.99836 0.99779 0.99717 0.99650 0.99578 0.99503 0.99425 0.99344 0.99259 0.99171
1958 0.99942 0.99872 0.99784 0.99676 0.99552 0.99412 0.99261 0.99101 0.98933 0.98762 0.98587 0.98409 0.98226 0.98040	0.58501 1959 0.99946 0.99881 0.99798 0.99580 0.99450 0.99310 0.99160 0.99004 0.98845 0.98683 0.98518 0.98349 0.98178	0.61010 1960 0.99951 0.99890 0.99812 0.99717 0.99609 0.99488 0.99358 0.99220 0.99076 0.98929 0.98628 0.98628 0.98473 0.98316	0.63627 1961 0.99954 0.99897 0.99825 0.99739 0.99640 0.99530 0.99411 0.99284 0.99152 0.99016 0.98877 0.98735 0.98590 0.98443	0.66356 1962 0.99956 0.99904 0.99838 0.99761 0.99573 0.99465 0.99349 0.99228 0.99103 0.98975 0.98842 0.98707 0.985707	1963 0.99959 0.99910 0.99852 0.99783 0.99704 0.99615 0.99518 0.99414 0.99304 0.99190 0.99072 0.98950 0.98825 0.98698	0,70639 1964 0,99961 0,99917 0,99865 0,99735 0,99658 0,99572 0,99479 0,99380 0,99277 0,99170 0,99057 0,98842 0,98825	0.72106 1965 0.99964 0.99924 0.99826 0.99767 0.99700 0.99626 0.99544 0.99456 0.99364 0.99267 0.99165 0.99060 0.98953	0.73603 1966 0.99965 0.99829 0.99770 0.99705 0.99632 0.99552 0.99468 0.99379 0.99189 0.99189 0.99088 0.98985	1967 0.99966 0.99927 0.99882 0.99831 0.99773 0.99709 0.99638 0.99561 0.99480 0.99394 0.99394 0.99316 0.99116	0.75791 1968 0.99966 0.99928 0.99884 0.99833 0.99776 0.99713 0.99644 0.99570 0.99492 0.99410 0.99325 0.99143 0.99049	0.76457 1969 0.99967 0.99930 0.99836 0.99779 0.99717 0.99650 0.99578 0.99503 0.99425 0.99344 0.99259 0.99171 0.99081
1958 0.99942 0.99872 0.99784 0.99676 0.99552 0.99412 0.99261 0.99101 0.98933 0.98762 0.98409 0.98226 0.98040 0.9785	0.58501 1959 0.99946 0.99881 0.99697 0.99580 0.99450 0.99310 0.99160 0.99004 0.98845 0.98683 0.98518 0.98349 0.98178 0.98004	1960 0.99951 0.99890 0.99812 0.99717 0.99609 0.99488 0.99220 0.99076 0.98929 0.98780 0.98628 0.98473 0.98316 0.98158	0.63627 1961 0.99954 0.99825 0.99739 0.99640 0.99530 0.99411 0.99284 0.99152 0.99016 0.98877 0.98735 0.98590 0.98443 0.98295	0.66356 1962 0.99956 0.99904 0.99838 0.99761 0.99672 0.99573 0.99465 0.99349 0.99228 0.99103 0.988707 0.988707 0.98842 0.98707 0.988431	1963 0.99959 0.99910 0.99852 0.99783 0.99704 0.99615 0.99414 0.99304 0.99190 0.99072 0.98825 0.98698 0.98569	0.70639 1964 0.99961 0.99917 0.99865 0.99804 0.99735 0.99479 0.99380 0.99277 0.99170 0.99057 0.98942 0.98825 0.98706	0.72106 1965 0.99964 0.99924 0.99878 0.99826 0.99767 0.99700 0.99626 0.99544 0.99456 0.99364 0.99267 0.99165 0.99060 0.98953 0.98843	0.73603 1966 0.99965 0.99829 0.99770 0.99705 0.99632 0.99552 0.99468 0.99379 0.99287 0.99189 0.99088 0.98885 0.98886	1967 0.99966 0.99927 0.99882 0.99831 0.99773 0.99709 0.99638 0.99561 0.99480 0.99394 0.99394 0.99316 0.99116 0.99017 0.98916	0.75791 1968 0.99966 0.99928 0.99884 0.99833 0.99776 0.99713 0.99644 0.99570 0.99492 0.99410 0.99325 0.99143 0.99049 0.98953	1969 0.99967 0.99980 0.99886 0.99836 0.99779 0.99717 0.99650 0.99578 0.99503 0.99425 0.99344 0.99259 0.99171 0.99081 0.98989
1958 0.99942 0.99872 0.99784 0.99676 0.99552 0.99412 0.99261 0.99101 0.98933 0.98762 0.98409 0.98226 0.98040 0.97855 0.97658	0.58501 1959 0.99946 0.99881 0.99697 0.99580 0.99450 0.99310 0.99160 0.98845 0.98683 0.98518 0.98349 0.98178 0.98004 0.98004	1960 0.99951 0.99890 0.99812 0.99717 0.99609 0.99488 0.99358 0.99220 0.99076 0.9829 0.98780 0.98473 0.98316 0.98158 0.97996	0.63627 1961 0.99954 0.99825 0.99739 0.99640 0.99530 0.99411 0.99284 0.99152 0.99016 0.98877 0.98735 0.98590 0.98443 0.98295 0.98142	0.66356 1962 0.99956 0.99904 0.99838 0.99761 0.99672 0.99573 0.99465 0.99349 0.99228 0.99103 0.98975 0.98842 0.98707 0.98431 0.98289	1963 0.99959 0.99910 0.99852 0.99783 0.99704 0.99615 0.99518 0.99414 0.99304 0.99190 0.99072 0.98698 0.98698 0.98435	0.70639 1964 0.99961 0.99917 0.99865 0.99804 0.99735 0.99479 0.99380 0.99277 0.99170 0.99057 0.98942 0.98825 0.98706 0.98582	0.72106 1965 0.99964 0.99924 0.99878 0.99826 0.99767 0.99700 0.99626 0.99544 0.99456 0.99364 0.99267 0.99165 0.99060 0.98953 0.98843 0.98730	0.73603 1966 0.99965 0.99829 0.99829 0.99770 0.99705 0.99552 0.99468 0.99379 0.99287 0.99189 0.99885 0.98886 0.98771	1967 0.99966 0.99927 0.99882 0.99831 0.99773 0.99709 0.9968 0.99561 0.99480 0.99394 0.99394 0.99316 0.99116 0.99017 0.98916	0.75791 1968 0.99966 0.99928 0.99884 0.99833 0.99776 0.99713 0.99644 0.99570 0.99492 0.99410 0.99325 0.99143 0.99049 0.98953 0.98853	1969 0.99967 0.99930 0.99886 0.99836 0.99779 0.99717 0.99650 0.99578 0.99503 0.99425 0.99344 0.99259 0.99171 0.99081 0.98989 0.98894
1958 0.99942 0.99872 0.99784 0.99676 0.99552 0.99412 0.99261 0.98933 0.98762 0.98409 0.98226 0.98409 0.97851 0.97658	0.58501 1959 0.99946 0.99881 0.99798 0.99697 0.99580 0.99310 0.99160 0.99004 0.98845 0.98845 0.98518 0.98349 0.98178 0.98004 0.97827 0.97643	1960 0.99951 0.99890 0.99812 0.99717 0.99609 0.99488 0.99358 0.99220 0.99076 0.98929 0.98780 0.98473 0.98316 0.98158 0.97996 0.97827	1961 0.99954 0.99825 0.99739 0.99640 0.99530 0.99411 0.99284 0.99152 0.99016 0.98877 0.98735 0.98590 0.98443 0.98295 0.98142 0.97984	0.66356 1962 0.99956 0.99904 0.99838 0.99761 0.99672 0.99573 0.99465 0.99349 0.99228 0.99103 0.98875 0.98842 0.98707 0.98431 0.98288 0.98140	1963 0.99959 0.99910 0.99852 0.99783 0.99704 0.99615 0.99518 0.99190 0.99072 0.98698 0.98698 0.98435 0.98297	0.70639 1964 0.99961 0.99917 0.99865 0.99804 0.99735 0.99479 0.99380 0.99277 0.99170 0.99057 0.98942 0.98825 0.98582 0.98454	0.72106 1965 0.99964 0.99924 0.99878 0.99826 0.99767 0.99700 0.99626 0.99456 0.99364 0.99364 0.99364 0.99364 0.99860 0.98953 0.98843 0.98611	0.73603 1966 0.99965 0.99829 0.99829 0.99770 0.99705 0.99632 0.99552 0.99468 0.99379 0.99287 0.99189 0.99088 0.98985 0.98880 0.98771 0.98657	1967 0.99966 0.99927 0.99882 0.99831 0.99773 0.99709 0.99638 0.99561 0.99480 0.99394 0.99394 0.99394 0.99394 0.99316 0.99017 0.98816 0.98812 0.98703	0.75791 1968 0.99966 0.99928 0.99884 0.99833 0.99776 0.99713 0.99644 0.99570 0.99492 0.99410 0.99325 0.99143 0.99049 0.98953 0.98853 0.98749	1969 0.99967 0.99930 0.99886 0.99836 0.99779 0.99717 0.99650 0.99503 0.99425 0.99425 0.99344 0.99259 0.99171 0.99081 0.98989 0.98894 0.98794
1958 0.99942 0.99872 0.99784 0.99676 0.99552 0.99412 0.99261 0.98933 0.98762 0.98409 0.98226 0.98409 0.98226 0.98040 0.97855	0.58501 1959 0.99946 0.99881 0.99798 0.99697 0.99580 0.99310 0.99160 0.99004 0.98845 0.98845 0.98845 0.98518 0.98518 0.98349 0.98178 0.98044 0.97827 0.97643 0.97452	1960 0.99951 0.99890 0.99812 0.99717 0.99609 0.99488 0.99358 0.99220 0.98780 0.98628 0.98473 0.98158 0.97996 0.97827 0.97651	0.63627 1961 0.99954 0.99897 0.99825 0.99739 0.99640 0.99530 0.99411 0.99284 0.99152 0.98016 0.98877 0.98735 0.98590 0.98443 0.98295 0.97818	0.66356 1962 0.99956 0.99904 0.99838 0.99761 0.99672 0.99573 0.99465 0.99349 0.99228 0.99103 0.98875 0.98842 0.98707 0.98431 0.98289 0.997984	1963 0.99959 0.99910 0.99852 0.99783 0.99704 0.99615 0.99518 0.99190 0.99072 0.98950 0.98825 0.98698 0.98569 0.98435 0.98151	0.70639 1964 0.99961 0.99917 0.99865 0.99804 0.99735 0.99479 0.99380 0.99277 0.99170 0.99057 0.98942 0.98825 0.98706 0.98582 0.98454 0.98318	0.72106 1965 0.99964 0.99924 0.99878 0.99826 0.99767 0.99700 0.99626 0.99364 0.99456 0.99364 0.99364 0.99364 0.99364 0.99860 0.98953 0.98843 0.98843 0.98843	0.73603 1966 0.99965 0.99829 0.99829 0.99770 0.99705 0.99632 0.99552 0.99468 0.99379 0.99287 0.99189 0.99088 0.98985 0.98880 0.988871 0.988571 0.98537	1967 0.99966 0.99927 0.99882 0.99831 0.99773 0.99709 0.99688 0.99561 0.99480 0.99394 0.99394 0.99316 0.99212 0.99116 0.98812 0.98703 0.98587	0.75791 1968 0.99966 0.99928 0.99884 0.99833 0.99776 0.99713 0.99644 0.99570 0.99410 0.99325 0.99435 0.99143 0.99049 0.98953 0.98853 0.98749 0.98638	0.76457 1969 0.99967 0.99930 0.99886 0.99836 0.99779 0.99717 0.99650 0.99503 0.99425 0.99425 0.99425 0.99171 0.99081 0.98989 0.98894 0.98794 0.98689
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0.95568	0.95868	0.96169	0.96410	0.96651	0.96893	0.97135	0.97378	0.97465	0.97551	0.97638	0.97724
0.95282	0.95595	0.95908	0.96161	0.96415	0.96670	0.96925	0.97181	0.97272	0.97363	0.97455	0.97546
0.94986	0.95312	0.95639	0.95903	0.96169	0.96435	0.96701	0.96969	0.97065	0.97161	0.97257	0.97353
0.94675	0.95016	0.95358	0.95633	0.95908	0.96185	0.96462	0.96740	0.96841	0.96942	0.97043	0.97144
0.94345	0.94700	0.95057	0.95342	0.95628	0.95915	0.96202	0.96490	0.96597	0.96704	0.96811	0.96918
0.93988	0.94358	0.94729	0.95025	0.95321	0.95619	0.95917	0.96216	0.96331	0.96446	0.96560	0.96675
0.93605	0.93987	0.94370	0.94678	0.94986	0.95295	0.95606	0.95917	0.96041	0.96165	0.96290	0,96414
0.93191	0.93584	0.93979	0.94299	0.94620	0.94942	0.95265	0.95589	0.95724	0.95860	0.95996	0.96131
0.92740	0.93147	0.93555	0.93888	0.94222	0.94557	0.94894	0.95232	0.95379	0.95526	0.95673	0.95821
0.92250	0.92672	0.93097	0.93444	0.93791	0.94140	0.94491	0.94842	0.95001	0.95160	0.95319	0.95478
0.91724	0.92165	0.92608	0.92968	0.93329	0.93693	0.94057	0.94423	0.94593	0.94763	0.94933	0.95104
0.91166	0.91623	0.92083	0.92458	0.92835	0.93214	0.93594	0.93976	0.94157	0.94337	0.94519	0.94700
0.90570	0.91041	0.91514	0.91908	0.92303	0.92700	0.93099	0.93499	0.93691	0.93883	0.94075	0.94268
0.89927	0.90411	0.90899	0.91312	0.91727	0.92143	0.92562	0.92983	0.93187	0.93392	0.93597	0.93803
0.89232	0.89730	0.90231	0.90665	0.91101	0.91539	0.91979	0.92421	0.92639	0.92857	0.93076	0.93296
0.88492	0.89004	0.89520	0.89974	0.90430	0.90888	0.91349	0.91812	0.92044	0.92276	0.92508	0.92741
0.87709	0.88236	0.88767	0.89239	0.89714	0.90191	0.90671	0.91154	0.91399	0.91645	0.91891	0.92138
0.86875	0.87416	0.87960	0.88450	0.88944	0.89440	0.89938	0.90440	0.90700	0.90961	0.91223	0.91485
0.85969	0.86524	0.87983	0.87593	0.88107	0.88624	0.89143	0.89666	0.89944	0.90224	0.90504	0.90785
	0.85550		0.86659	0.87196	0.87736	0.88279	0.88826	0.89125	0.89426	0.89727	0.90030
0.84978		0.86126	The state of the s	STATE OF THE STATE OF	0.86773	0.86279	0.8820	0.88238	0.88560	0.88882	0.89206
0.83902	0.84491	0.85084	0.85643	0.86206	The state of the s				17.7.4		0.88295
0.82751	0.83355	0.83963	0.84549	0.85139	0.85734	0.86332	0.86935		0.87612	0.87953	The second second
0.81514	0.82134	0.82758	0.83370	0.83986	0.84607	0.85232	0.85862	0.86215	0.86570	0.86926	0.87284
0.80170	0.80810	0.81455	0.82091	0.82732	0.83378	0.84028	0.84684	0.85054	0.85425	0.85797	0.86172
0.78708	0.79369	0.80037	0.80697	0.81363	0.82034	0.82711	0.83394	Service a SUL	0.84174	0.84567	0.84961
									61 52 752 1 1	(1) 52 4 7 4 11	
0.77128	0.77805	0.78488	0.79174	0.79865	0.80563	0.81267	0.81977	0.82393	0.82811	0.83231	0.83654
0.77128	0.77805	0.78488	0.79174	0.79603		U.01207	0.81977				
1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
1970 0.99968	1971 0.99969	1972 0.99971	1973 0.99972	1974 0.99974	1975 0.99975	1976 0.99976	1977 0.99977	1978 0.99978	1979 0.99979	1980 0.99980	1981 0.99980
1970 0.99968 0.99931 0.99888	1971 0.99969 0.99934 0.99893	1972 0.99971 0.99937 0.99898	1973 0.99972 0.99941 0.99904	1974 0.99974 0.99944 0.99909	1975 0.99975 0.99947	1976 0.99976 0.99949 0.99917	1977 0,99977 0,99951	1978 0.99978 0.99952 0.99922	1979 0.99979 0.99954	1980 0.99980 0.99956	1981 0.99980 0.99957
1970 0.99968 0.99931 0.99888 0.99838	1971 0.99969 0.99934 0.99893 0.99846	1972 0.99971 0.99937 0.99898 0.99853	1973 0.99972 0.99941 0.99904 0.99861	1974 0.99974 0.99944 0.99909 0.99868	1975 0.99975 0.99947 0.99914 0.99876	1976 0.99976 0.99949 0.99917 0.99880	1977 0,99977 0,99951 0,99920 0,99884	1978 0.99978 0.99952 0.99922 0.99889	1979 0.99979 0.99954 0.99925 0.99893	1980 0.99980 0.99956 0.99928	1981 0.99980 0.99957 0.99930 0.99899
1970 0.99968 0.99931 0.99888 0.99838 0.99782	1971 0.99969 0.99934 0.99893 0.99846 0.99792	1972 0.99971 0.99937 0.99898 0.99853 0.99802	1973 0.99972 0.99941 0.99904 0.99861 0.99812	1974 0.99974 0.99944 0.99909 0.99868 0.99822	1975 0.99975 0.99947 0.99914 0.99876 0.99832	1976 0.99976 0.99949 0.99917	1977 0,99977 0,99951 0,99920 0,99884 0,99844	1978 0.99978 0.99952 0.99922 0.99889 0.99851	1979 0.99979 0.99954 0.99925 0.99893 0.99857	1980 0.99980 0.99956 0.99928 0.99897 0.99863	1981 0.99980 0.99957 0.99930 0.99899 0.99866
1970 0.99968 0.99931 0.99888 0.99838 0.99782 0.99721	1971 0.99969 0.99934 0.99893 0.99846 0.99792 0.99734	1972 0.99971 0.99937 0.99898 0.99853 0.99802 0.99746	1973 0.99972 0.99941 0.99904 0.99861 0.99812 0.99758	1974 0.99974 0.99944 0.99909 0.99868 0.99822 0.99771	1975 0.99975 0.99947 0.99914 0.99876 0.99832 0.99783	1976 0.99976 0.99949 0.99917 0.99880 0.99838 0.99792	1977 0.99977 0.99951 0.99920 0.99884 0.99844 0.99801	1978 0.99978 0.99952 0.99922 0.99889 0.99851 0.99810	1979 0.99979 0.99954 0.99925 0.99893 0.99857 0.99819	1980 0.99980 0.99956 0.99928 0.99897 0.99863 0.99828	1981 0.99980 0.99957 0.99930 0.99899 0.99866 0.99832
1970 0.99968 0.99931 0.99888 0.99838 0.99782 0.99721 0.99656	1971 0.99969 0.99934 0.99893 0.99846 0.99792 0.99734 0.99671	1972 0.99971 0.99937 0.99898 0.99853 0.99802 0.99746 0.99686	1973 0.99972 0.99941 0.99904 0.99861 0.99812 0.99758 0.99701	1974 0.99974 0.99944 0.99909 0.99868 0.99822 0.99771 0.99716	1975 0.99975 0.99947 0.99914 0.99876 0.99832 0.99783 0.99731	1976 0.99976 0.99949 0.99917 0.99880 0.99838 0.99792 0.99743	1977 0.99977 0.99951 0.99920 0.99884 0.99801 0.99756	1978 0.99978 0.99952 0.99922 0.99889 0.99851 0.99810 0.99768	1979 0.99979 0.99954 0.99925 0.99893 0.99857 0.99819 0.99780	1980 0.99980 0.99956 0.99928 0.99897 0.99863 0.99828 0.99792	1981 0.99980 0.99957 0.99930 0.99899 0.99866 0.99832 0.99797
1970 0.99968 0.99931 0.99888 0.99838 0.99782 0.99721 0.99656 0.99587	1971 0.99969 0.99934 0.99893 0.99846 0.99792 0.99734 0.99671 0.99605	1972 0.99971 0.99937 0.99898 0.99853 0.99802 0.99746 0.99686 0.99623	1973 0.99972 0.99941 0.99904 0.99861 0.99812 0.99758 0.99701 0.99641	1974 0.99974 0.99944 0.99909 0.99868 0.99822 0.99771 0.99716 0.99659	1975 0.99975 0.99947 0.99914 0.99876 0.99832 0.99783 0.99731 0.99676	1976 0.99976 0.99949 0.99917 0.99880 0.99838 0.99792 0.99743 0.99692	1977 0,99977 0,99951 0,99920 0,99884 0,99801 0,99756 0,99708	1978 0.99978 0.99952 0.99922 0.99889 0.99851 0.99810 0.99768 0.99724	1979 0.99979 0.99954 0.99925 0.99893 0.99857 0.99819 0.99780	1980 0.99980 0.99956 0.99928 0.99897 0.99863 0.99828 0.99792 0.99755	1981 0.99980 0.99957 0.99930 0.99899 0.99866 0.99832 0.99797 0.99761
1970 0.99968 0.99931 0.99888 0.99838 0.99782 0.99721 0.99656 0.99587 0.99515	1971 0.99969 0.99934 0.99893 0.99846 0.99792 0.99734 0.99671 0.99605 0.99536	1972 0.99971 0.99937 0.99898 0.99853 0.99802 0.99746 0.99686 0.99623 0.99557	1973 0.99972 0.99941 0.99904 0.99861 0.99812 0.99758 0.99701 0.99641 0.99578	1974 0.99974 0.99944 0.99909 0.99868 0.99822 0.99771 0.99716 0.99659	1975 0.99975 0.99947 0.99914 0.99876 0.99832 0.99783 0.99731 0.99676 0.99620	1976 0.99976 0.99949 0.99917 0.99880 0.99838 0.99792 0.99743 0.99692 0.99639	1977 0.99977 0.99951 0.99920 0.99884 0.99801 0.99756 0.99708 0.99659	1978 0.99978 0.99952 0.99922 0.99889 0.99851 0.99810 0.99768 0.99724 0.99679	1979 0.99979 0.99954 0.99925 0.99893 0.99857 0.99819 0.99780 0.99739	1980 0.99980 0.99956 0.99928 0.99897 0.99863 0.99828 0.99792 0.99755 0.99718	1981 0.99980 0.99957 0.99930 0.99899 0.99866 0.99832 0.99797 0.99761
1970 0.99968 0.99931 0.99888 0.99838 0.99782 0.99721 0.99656 0.99587 0.99515	1971 0.99969 0.99934 0.99893 0.99846 0.99792 0.99734 0.99605 0.99536 0.99464	1972 0.99971 0.99937 0.99898 0.99853 0.99802 0.99746 0.99623 0.99557 0.99489	1973 0.99972 0.99941 0.99904 0.99861 0.99758 0.99701 0.99641 0.99578 0.99513	1974 0.99974 0.99944 0.99909 0.99868 0.99822 0.99771 0.99716 0.99659 0.99599	1975 0.99975 0.99947 0.99914 0.99876 0.99832 0.99783 0.99731 0.99676 0.99620 0.99561	1976 0.99976 0.99949 0.99917 0.99880 0.99838 0.99792 0.99692 0.99639 0.99585	1977 0.99977 0.99951 0.99920 0.99884 0.99801 0.99756 0.99708 0.99659 0.99608	1978 0.99978 0.99952 0.99922 0.99889 0.99851 0.99768 0.99724 0.99679 0.99632	1979 0.99979 0.99954 0.99925 0.99893 0.99857 0.99780 0.99739 0.99699 0.99656	1980 0.99980 0.99956 0.99928 0.99897 0.99863 0.99828 0.99792 0.99755 0.99718 0.99679	1981 0.99980 0.99957 0.99930 0.99899 0.99866 0.99832 0.99797 0.99761 0.99725 0.99687
1970 0.99968 0.99931 0.99888 0.99838 0.99782 0.99721 0.99656 0.99587 0.99515 0.99440 0.99363	1971 0.99969 0.99934 0.99893 0.99846 0.99792 0.99734 0.99671 0.99605 0.99536 0.99464 0.99390	1972 0.99971 0.99937 0.99898 0.99853 0.99802 0.99746 0.99686 0.99623 0.99557 0.99489 0.99418	1973 0.99972 0.99941 0.99904 0.99861 0.99812 0.99758 0.99701 0.99641 0.99578 0.99513	1974 0.99974 0.99909 0.99868 0.99822 0.99771 0.99716 0.99659 0.99537 0.99473	1975 0.99975 0.99947 0.99914 0.99876 0.99832 0.99783 0.99731 0.99676 0.99620 0.99561 0.99501	1976 0.99976 0.99949 0.99917 0.99838 0.99792 0.99743 0.99692 0.99639 0.99585 0.99528	1977 0.99977 0.99951 0.99920 0.99884 0.99844 0.99801 0.99756 0.99708 0.99659 0.99608 0.99555	1978 0.99978 0.99952 0.99889 0.99851 0.99810 0.99768 0.99724 0.99679 0.99632 0.99582	1979 0.99979 0.99954 0.99925 0.99893 0.99857 0.99819 0.99739 0.99699 0.99656 0.99609	1980 0.99980 0.99956 0.99897 0.99863 0.99828 0.99792 0.99755 0.99718 0.99679 0.99637	1981 0.99980 0.99957 0.99930 0.99899 0.99866 0.99832 0.99797 0.99761 0.99725 0.99687 0.99645
1970 0.99968 0.99931 0.99888 0.99782 0.99721 0.99656 0.99587 0.99515 0.99440 0.99363 0.99282	1971 0.99969 0.99934 0.99893 0.99846 0.99792 0.99734 0.99605 0.99536 0.993464 0.99390 0.99314	1972 0.99971 0.99937 0.99898 0.99853 0.99802 0.99746 0.99623 0.99557 0.99489 0.99418 0.99346	1973 0.99972 0.99941 0.99904 0.99861 0.99812 0.99758 0.99701 0.99641 0.99578 0.99513 0.99446 0.99378	1974 0.99974 0.99909 0.99868 0.99822 0.99771 0.99716 0.99659 0.99537 0.99473 0.99410	1975 0.99975 0.99947 0.99914 0.99876 0.99832 0.99783 0.99731 0.99676 0.99620 0.99561 0.99501 0.99441	1976 0.99976 0.99949 0.99917 0.99880 0.99838 0.99792 0.99643 0.99692 0.99585 0.99528 0.99471	1977 0.99977 0.99951 0.99920 0.99884 0.99844 0.99801 0.99756 0.99659 0.99659 0.99555 0.99501	1978 0.99978 0.99952 0.99989 0.99851 0.99810 0.99768 0.99724 0.99632 0.99632 0.99582 0.99531	1979 0.99979 0.99954 0.99825 0.99857 0.99857 0.99780 0.99739 0.99656 0.99669 0.99561	1980 0.99980 0.99956 0.99928 0.99863 0.99828 0.99792 0.99755 0.99718 0.99679 0.99637 0.99591	1981 0.99980 0.99957 0.99930 0.99899 0.99866 0.99832 0.99797 0.99761 0.99725 0.99687 0.99645 0.99601
1970 0.99968 0.99931 0.99888 0.99782 0.99721 0.99656 0.99587 0.99515 0.99440 0.99363 0.99282 0.99199	1971 0.99969 0.99934 0.99893 0.99846 0.99734 0.99671 0.99605 0.99536 0.99464 0.99390 0.99314 0.99235	1972 0.99971 0.99937 0.99898 0.99802 0.99746 0.99623 0.99557 0.99489 0.99418 0.99346 0.99272	1973 0.99972 0.99941 0.99904 0.99861 0.99758 0.99701 0.99641 0.99578 0.99513 0.99446 0.99378 0.99308	1974 0.99974 0.99909 0.99868 0.99822 0.99771 0.99716 0.99659 0.99537 0.99473 0.99410 0.99344	1975 0.99975 0.99947 0.99914 0.99876 0.99832 0.99783 0.99731 0.99676 0.99620 0.99561 0.99501 0.99441 0.99381	1976 0.99976 0.99949 0.99917 0.99880 0.99792 0.99743 0.99692 0.99639 0.99528 0.99528 0.99471	1977 0.99977 0.99951 0.99920 0.99884 0.99801 0.99756 0.99608 0.99659 0.99555 0.99501 0.99445	1978 0.99978 0.99952 0.99922 0.99889 0.99851 0.99768 0.99724 0.99679 0.99632 0.99582 0.99581 0.99477	1979 0.99979 0.99954 0.99925 0.99893 0.99857 0.99819 0.99780 0.99699 0.99660 0.99660 0.99561 0.99510	1980 0.99980 0.99956 0.99928 0.99863 0.99828 0.99792 0.99755 0.99718 0.99637 0.99637 0.99591	1981 0.99980 0.99957 0.99930 0.99899 0.99866 0.99832 0.99797 0.99761 0.99725 0.99687 0.99645 0.99601 0.99554
1970 0.99968 0.99931 0.99888 0.99782 0.99721 0.99656 0.99587 0.99515 0.99440 0.99363 0.99282 0.99199 0.99113	1971 0.99969 0.99934 0.99893 0.99846 0.99792 0.99734 0.99605 0.99536 0.99464 0.99390 0.99314 0.99235 0.99154	1972 0.99971 0.99937 0.99898 0.99802 0.99746 0.99686 0.99623 0.99557 0.99489 0.99418 0.99346 0.99272 0.99194	1973 0.99972 0.99941 0.99904 0.99812 0.99758 0.99701 0.99641 0.99578 0.99513 0.99446 0.99378 0.99308 0.99235	1974 0.99974 0.99909 0.99868 0.99822 0.99771 0.99716 0.99659 0.99537 0.99473 0.99473 0.99410 0.99344 0.99276	1975 0.99975 0.99947 0.99914 0.99876 0.99832 0.99783 0.99731 0.99676 0.99620 0.99561 0.99501 0.99441 0.99381 0.99317	1976 0.99976 0.99949 0.99917 0.99880 0.99792 0.99743 0.99692 0.99639 0.99585 0.99528 0.99528 0.99471 0.99413	1977 0.99977 0.99951 0.99920 0.99844 0.99801 0.99756 0.99659 0.99659 0.99555 0.99501 0.99445 0.99387	1978 0.99978 0.99952 0.99922 0.99889 0.99851 0.99768 0.99724 0.99679 0.99632 0.99582 0.99581 0.99477 0.99422	1979 0.99979 0.99954 0.99925 0.99857 0.99819 0.99780 0.99739 0.99699 0.99666 0.99609 0.99561 0.99510 0.99457	1980 0.99980 0.99956 0.99928 0.99863 0.99828 0.99792 0.99755 0.99718 0.99637 0.99637 0.99591 0.99542 0.99492	1981 0.99980 0.99957 0.99930 0.99899 0.99866 0.99832 0.99797 0.99761 0.99725 0.99687 0.99645 0.99601 0.99554 0.99506
1970 0.99968 0.99931 0.99888 0.99782 0.99721 0.99656 0.99587 0.99515 0.99440 0.99363 0.99282 0.99199 0.99113 0.99025	1971 0.99969 0.99934 0.99893 0.99846 0.99792 0.99734 0.9965 0.99536 0.99464 0.99390 0.99314 0.99235 0.99154 0.99070	1972 0.99971 0.99937 0.99898 0.99802 0.99746 0.99686 0.99623 0.99557 0.99489 0.99418 0.99346 0.99272 0.99194 0.99115	1973 0.99972 0.99941 0.99904 0.99861 0.99758 0.99701 0.99641 0.99578 0.99513 0.99446 0.99378 0.99308 0.99235 0.99160	1974 0.99974 0.99909 0.99868 0.99822 0.99771 0.99716 0.99659 0.99537 0.99473 0.99410 0.99344 0.99276 0.99205	1975 0.99975 0.99947 0.99914 0.99876 0.99832 0.99783 0.99731 0.99676 0.99620 0.99561 0.99501 0.99441 0.99381 0.99317 0.99250	1976 0.99976 0.99949 0.99917 0.99880 0.99838 0.99792 0.99692 0.99639 0.99585 0.99528 0.99413 0.99413 0.99352 0.99288	1977 0.99977 0.99951 0.99920 0.99844 0.99801 0.99756 0.99659 0.99659 0.99608 0.99555 0.99501 0.99445 0.99387 0.99326	1978 0.99978 0.99952 0.99922 0.99889 0.99810 0.99768 0.99724 0.99679 0.99632 0.99582 0.99531 0.99477 0.99422 0.99364	1979 0.99979 0.99954 0.99925 0.99857 0.99819 0.99780 0.99739 0.99699 0.99666 0.99609 0.99561 0.99510 0.99457 0.99402	1980 0.99980 0.99956 0.99928 0.99897 0.99863 0.99792 0.99755 0.99718 0.99679 0.99637 0.99591 0.99542 0.99492 0.99440	1981 0.99980 0.99957 0.99930 0.99899 0.99866 0.99832 0.99797 0.99761 0.99725 0.99687 0.99645 0.99506 0.99554
1970 0.99968 0.99931 0.99888 0.99782 0.99721 0.99656 0.99587 0.99515 0.99440 0.99363 0.99282 0.99199 0.99113 0.99025 0.98935	1971 0.99969 0.99934 0.99893 0.99846 0.99792 0.99734 0.99605 0.99536 0.99464 0.99390 0.99314 0.99235 0.99154 0.99070 0.98984	1972 0.99971 0.99937 0.99853 0.99802 0.99746 0.99686 0.99557 0.99489 0.99418 0.99272 0.99194 0.99115 0.99032	1973 0.99972 0.99941 0.99861 0.99861 0.99758 0.99701 0.99641 0.99578 0.99513 0.99446 0.99378 0.99308 0.99235 0.99160 0.99081	1974 0.99974 0.99909 0.99868 0.99822 0.99771 0.99716 0.99537 0.99537 0.99473 0.99410 0.99344 0.99276 0.99205 0.99130	1975 0.99975 0.99947 0.99914 0.99876 0.99832 0.99783 0.99731 0.99620 0.99561 0.99501 0.99317 0.99317 0.99250 0.99178	1976 0.99976 0.99949 0.99917 0.99880 0.99838 0.99792 0.99639 0.99639 0.99585 0.99528 0.99471 0.99413 0.99352 0.99288 0.99220	1977 0.99977 0.99951 0.99920 0.99884 0.99844 0.99756 0.99708 0.99659 0.99608 0.99555 0.99501 0.99445 0.99387 0.99326	1978 0.99978 0.99952 0.99889 0.99851 0.99810 0.99768 0.99724 0.99679 0.99632 0.99582 0.99531 0.99477 0.99422 0.99364 0.99303	1979 0.99979 0.99954 0.99925 0.99893 0.99857 0.99780 0.99739 0.99699 0.99666 0.99609 0.99561 0.99510 0.99457 0.99457 0.99402 0.99345	1980 0.99980 0.99956 0.99928 0.99897 0.99863 0.99792 0.99718 0.99679 0.99637 0.99591 0.99542 0.99492 0.99440 0.99387	1981 0.99980 0.99957 0.99930 0.99899 0.99866 0.99832 0.99797 0.99761 0.99725 0.99687 0.99645 0.99554 0.99506 0.99455 0.99402
1970 0.99968 0.99931 0.99888 0.99782 0.99721 0.99656 0.99515 0.99440 0.99363 0.99282 0.99199 0.99113 0.99025 0.98935 0.98840	1971 0.99969 0.99934 0.99893 0.99846 0.99792 0.99734 0.99605 0.99536 0.99464 0.99390 0.99314 0.99235 0.99154 0.99070 0.988984 0.98893	1972 0.99971 0.99937 0.99898 0.99853 0.99802 0.99746 0.99623 0.99557 0.99489 0.99418 0.99272 0.99194 0.99115 0.99032 0.98946	1973 0.99972 0.99941 0.99861 0.99861 0.99758 0.99701 0.99641 0.99578 0.99513 0.99446 0.99378 0.99378 0.99308 0.99235 0.99160 0.99081 0.98998	1974 0.99974 0.99909 0.99868 0.99822 0.99771 0.99716 0.99537 0.99537 0.99473 0.99410 0.99205 0.99205 0.99130 0.99051	1975 0.99975 0.99947 0.99914 0.99876 0.99832 0.99783 0.99731 0.99620 0.99561 0.99501 0.99441 0.99381 0.99317 0.99250 0.99178 0.99178	1976 0.99976 0.99949 0.99917 0.99880 0.99838 0.99792 0.99639 0.99639 0.99585 0.99528 0.99471 0.99413 0.99352 0.99288 0.99220 0.99149	1977 0.99977 0.99951 0.99920 0.99884 0.99841 0.99756 0.99708 0.99659 0.99608 0.99555 0.99501 0.99445 0.99326 0.99262 0.99194	1978 0.99978 0.99952 0.99889 0.99851 0.99810 0.99768 0.99724 0.99679 0.99632 0.99582 0.99531 0.99477 0.99422 0.99364 0.99303 0.99240	1979 0.99979 0.99954 0.99893 0.99857 0.99819 0.99739 0.99699 0.99656 0.99609 0.99561 0.99457 0.99402 0.99345 0.99285	1980 0.99980 0.99956 0.99928 0.99897 0.99863 0.99792 0.99718 0.99679 0.99637 0.99591 0.99542 0.99440 0.99387 0.99330	1981 0.99980 0.99957 0.99930 0.99899 0.99866 0.99832 0.99761 0.99761 0.99687 0.99645 0.99601 0.99554 0.99506 0.99455 0.99402 0.99347
1970 0.99968 0.99931 0.99888 0.99782 0.99721 0.99656 0.99587 0.99515 0.99440 0.99363 0.99282 0.99199 0.99113 0.99025 0.98935	1971 0.99969 0.99934 0.99846 0.99792 0.99734 0.99605 0.99464 0.99390 0.99314 0.99235 0.99154 0.99070 0.98893 0.98893	1972 0.99971 0.99937 0.99853 0.99802 0.99746 0.99686 0.99557 0.99489 0.99418 0.99272 0.99194 0.99115 0.99032	1973 0.99972 0.99941 0.99861 0.99812 0.99758 0.99701 0.99641 0.99578 0.99513 0.99446 0.99378 0.99308 0.99235 0.99160 0.99081 0.98998 0.98911	1974 0.99974 0.99909 0.99868 0.99822 0.99771 0.99716 0.99537 0.99537 0.99473 0.99410 0.99205 0.99205 0.99130 0.99051 0.98968	1975 0.99975 0.99947 0.99914 0.99876 0.99832 0.99783 0.99731 0.99676 0.99561 0.99501 0.99501 0.99381 0.99317 0.99250 0.99178 0.99178 0.99104 0.99025	1976 0.99976 0.99949 0.99917 0.99880 0.99838 0.99792 0.99639 0.99585 0.99528 0.99471 0.99413 0.99352 0.99220 0.99149 0.99074	1977 0.99977 0.99951 0.99920 0.99884 0.99844 0.99756 0.99708 0.99659 0.99608 0.99555 0.99501 0.99445 0.99387 0.99326 0.99262 0.99194 0.99123	1978 0.99978 0.99952 0.99889 0.99851 0.99810 0.99768 0.99724 0.99632 0.99632 0.99582 0.99581 0.99477 0.99422 0.99364 0.99303 0.99240 0.99171	1979 0.99979 0.99954 0.99893 0.99857 0.99819 0.99780 0.99739 0.99656 0.99609 0.99561 0.99457 0.99402 0.99345 0.99285 0.99220	1980 0.99980 0.99956 0.99928 0.99863 0.99828 0.99755 0.99718 0.99679 0.99637 0.99591 0.99542 0.99440 0.99387 0.99387 0.99330 0.99269	1981 0.99980 0.99957 0.99930 0.99899 0.99866 0.99832 0.99761 0.99761 0.99687 0.99645 0.99601 0.99554 0.99506 0.99455 0.99402 0.99347 0.99287
1970 0.99968 0.99931 0.99888 0.99782 0.99721 0.99656 0.99515 0.99440 0.99363 0.99282 0.99199 0.99113 0.99025 0.98935 0.98840	1971 0.99969 0.99934 0.99893 0.99846 0.99792 0.99734 0.99605 0.99536 0.99464 0.99390 0.99314 0.99235 0.99154 0.99070 0.988984 0.98893	1972 0.99971 0.99937 0.99898 0.99853 0.99802 0.99746 0.99623 0.99557 0.99489 0.99418 0.99272 0.99194 0.99115 0.99032 0.98946	1973 0.99972 0.99941 0.99861 0.99861 0.99758 0.99701 0.99641 0.99578 0.99513 0.99446 0.99378 0.99378 0.99308 0.99235 0.99160 0.99081 0.98998	1974 0.99974 0.99909 0.99868 0.99822 0.99771 0.99716 0.99537 0.99537 0.99473 0.99410 0.99205 0.99205 0.99130 0.99051	1975 0.99975 0.99947 0.99914 0.99876 0.99832 0.99783 0.99731 0.99676 0.99561 0.99501 0.99501 0.99381 0.99317 0.99250 0.99178 0.99178 0.99104 0.99025 0.98942	1976 0.99976 0.99949 0.99917 0.99838 0.99792 0.99743 0.99639 0.99528 0.99528 0.99471 0.99413 0.99352 0.99220 0.99149 0.99074 0.98994	1977 0.99977 0.99951 0.99920 0.99884 0.99801 0.99756 0.99608 0.99555 0.99501 0.99445 0.99387 0.99326 0.99262 0.99194 0.99123 0.99046	1978 0.99978 0.99952 0.99922 0.99889 0.99851 0.99768 0.99724 0.99632 0.99582 0.99581 0.99477 0.99422 0.99364 0.99303 0.99240 0.99171 0.99098	1979 0.99979 0.99954 0.99857 0.99857 0.99819 0.99780 0.99656 0.99669 0.99661 0.99510 0.99457 0.99402 0.99345 0.99285 0.99285 0.99220 0.99150	1980 0.99980 0.99956 0.99928 0.99863 0.99828 0.99792 0.99755 0.99637 0.99637 0.99591 0.99542 0.99440 0.99387 0.99330 0.99269 0.99202	1981 0.99980 0.99957 0.99930 0.99899 0.99866 0.99832 0.99761 0.99761 0.99687 0.99645 0.99601 0.99554 0.99506 0.99455 0.99402 0.99347
1970 0.99968 0.99931 0.99838 0.99782 0.99721 0.99656 0.99587 0.99515 0.99440 0.99363 0.99282 0.99199 0.99113 0.99025 0.98840 0.98740	1971 0.99969 0.99934 0.99893 0.99846 0.99792 0.99734 0.99605 0.99464 0.99390 0.99314 0.99235 0.99154 0.99070 0.98893 0.98893 0.98797 0.98693	1972 0.99971 0.99937 0.99898 0.99853 0.99802 0.99746 0.99623 0.99557 0.99489 0.99418 0.99346 0.99272 0.99194 0.99115 0.99032 0.98854	1973 0.99972 0.99941 0.99861 0.99812 0.99758 0.99701 0.99641 0.99578 0.99513 0.99446 0.99378 0.99308 0.99235 0.99160 0.99081 0.98998 0.98911	1974 0.99974 0.99909 0.99868 0.99822 0.99771 0.99716 0.99537 0.99537 0.99473 0.99410 0.99205 0.99205 0.99130 0.99051 0.98968	1975 0.99975 0.99947 0.99914 0.99876 0.99832 0.99783 0.99731 0.99676 0.99561 0.99501 0.99501 0.99381 0.99317 0.99250 0.99178 0.99178 0.99104 0.99025	1976 0.99976 0.99949 0.99917 0.99880 0.99838 0.99792 0.99639 0.99585 0.99528 0.99471 0.99413 0.99352 0.99220 0.99149 0.99074	1977 0.99977 0.99951 0.99920 0.99884 0.99844 0.99756 0.99708 0.99659 0.99608 0.99555 0.99501 0.99445 0.99387 0.99326 0.99262 0.99194 0.99123	1978 0.99978 0.99952 0.99889 0.99851 0.99810 0.99768 0.99724 0.99632 0.99632 0.99582 0.99581 0.99477 0.99422 0.99364 0.99303 0.99240 0.99171	1979 0.99979 0.99954 0.99893 0.99857 0.99819 0.99780 0.99739 0.99656 0.99609 0.99561 0.99457 0.99402 0.99345 0.99285 0.99220	1980 0.99980 0.99956 0.99928 0.99863 0.99828 0.99755 0.99718 0.99679 0.99637 0.99591 0.99542 0.99440 0.99387 0.99387 0.99330 0.99269	1981 0.99980 0.99957 0.99930 0.99899 0.99866 0.99832 0.99761 0.99761 0.99687 0.99645 0.99601 0.99554 0.99506 0.99455 0.99402 0.99347 0.99287
1970 0.99968 0.99931 0.99888 0.99782 0.99721 0.99656 0.99587 0.99515 0.99440 0.99363 0.99282 0.99199 0.99113 0.99025 0.98840 0.98740 0.98631	1971 0.99969 0.99934 0.99893 0.99846 0.99792 0.99734 0.99605 0.99464 0.99390 0.99314 0.99235 0.99154 0.99070 0.98893 0.98893 0.98797 0.98693	1972 0.99971 0.99937 0.99898 0.99802 0.99746 0.99623 0.99557 0.99418 0.99346 0.99272 0.99194 0.99115 0.99032 0.98854 0.98755	1973 0.99972 0.99941 0.99904 0.99861 0.99758 0.99701 0.99641 0.99578 0.99513 0.99446 0.99378 0.99308 0.99235 0.99160 0.99081 0.98998 0.98911 0.98818	1974 0.99974 0.99909 0.99868 0.99822 0.99771 0.99716 0.99537 0.99537 0.99473 0.99410 0.99205 0.99205 0.99205 0.99051 0.98968 0.98880	1975 0.99975 0.99947 0.99914 0.99876 0.99832 0.99783 0.99731 0.99676 0.99561 0.99501 0.99501 0.99381 0.99317 0.99250 0.99178 0.99178 0.99104 0.99025 0.98942	1976 0.99976 0.99949 0.99917 0.99838 0.99792 0.99743 0.99639 0.99528 0.99528 0.99471 0.99413 0.99352 0.99220 0.99149 0.99074 0.98994	1977 0.99977 0.99951 0.99920 0.99884 0.99801 0.99756 0.99608 0.99555 0.99501 0.99445 0.99387 0.99326 0.99262 0.99194 0.99123 0.99046	1978 0.99978 0.99952 0.99922 0.99889 0.99851 0.99768 0.99724 0.99632 0.99582 0.99581 0.99477 0.99422 0.99364 0.99303 0.99240 0.99171 0.99098	1979 0.99979 0.99954 0.99857 0.99857 0.99819 0.99780 0.99656 0.99669 0.99661 0.99510 0.99457 0.99402 0.99345 0.99285 0.99285 0.99220 0.99150	1980 0.99980 0.99956 0.99928 0.99863 0.99828 0.99792 0.99755 0.99637 0.99637 0.99591 0.99542 0.99440 0.99387 0.99330 0.99269 0.99202	1981 0.99980 0.99957 0.99930 0.99899 0.99866 0.99832 0.99761 0.99725 0.99687 0.99645 0.99601 0.99554 0.99506 0.99455 0.99402 0.99347 0.99287 0.99222 0.99153
1970 0.99968 0.99931 0.99888 0.99782 0.99721 0.99656 0.99587 0.99515 0.99440 0.99363 0.99282 0.99199 0.99113 0.99025 0.98840 0.98740 0.98631 0.98515	1971 0.99969 0.99934 0.99846 0.99792 0.99734 0.99605 0.99536 0.99390 0.99314 0.99235 0.99154 0.99070 0.98893 0.98893 0.98582	1972 0.99971 0.99937 0.99898 0.99802 0.99746 0.99686 0.99623 0.99557 0.99418 0.99346 0.99272 0.99194 0.99115 0.99032 0.98854 0.98755 0.98650	1973 0.99972 0.99941 0.99904 0.99812 0.99758 0.99701 0.99641 0.99578 0.99513 0.99446 0.99378 0.99378 0.99398 0.99235 0.99160 0.99081 0.98998 0.98911 0.98818 0.98718	1974 0.99974 0.99909 0.99868 0.99822 0.99771 0.99716 0.99659 0.99537 0.99473 0.99473 0.99470 0.99276 0.99205 0.99205 0.99205 0.998880 0.98786	1975 0.99975 0.99947 0.99914 0.99832 0.99783 0.99731 0.99676 0.99501 0.99501 0.99501 0.99381 0.99317 0.99250 0.99178 0.99104 0.99025 0.98854	1976 0.99976 0.99949 0.99917 0.99838 0.99792 0.99743 0.99692 0.99528 0.99528 0.99471 0.99413 0.99352 0.99288 0.99220 0.99149 0.99074 0.98994	1977 0.99977 0.99951 0.99920 0.99844 0.99801 0.99756 0.99659 0.99659 0.99551 0.99445 0.99387 0.99326 0.99262 0.99194 0.99123 0.99046 0.98965	1978 0.99978 0.99952 0.99922 0.99889 0.99851 0.99768 0.99724 0.99679 0.99632 0.99582 0.99581 0.99477 0.99422 0.99364 0.99303 0.99240 0.99171 0.99098 0.99020	1979 0.99979 0.99954 0.99925 0.99857 0.99819 0.99780 0.99609 0.99609 0.99561 0.99510 0.99457 0.99402 0.99345 0.99285 0.99285 0.99220 0.99150 0.99075	1980 0.99980 0.99956 0.99928 0.99863 0.99828 0.99792 0.99755 0.99718 0.99637 0.99591 0.99542 0.99440 0.99387 0.99330 0.99269 0.99202 0.99131	1981 0.99980 0.99957 0.99930 0.99899 0.99866 0.99832 0.99761 0.99725 0.99687 0.99645 0.99601 0.99554 0.99506 0.99455 0.99402 0.99347 0.99287 0.99222 0.99153
1970 0.99968 0.99931 0.99888 0.99782 0.99721 0.99656 0.99587 0.99515 0.99440 0.99363 0.99282 0.99199 0.99113 0.99025 0.98935 0.98840 0.98631 0.98515 0.98391	1971 0.99969 0.99934 0.99893 0.99846 0.99792 0.99734 0.9965 0.99536 0.99464 0.99390 0.99314 0.99235 0.99154 0.992970 0.98893 0.98893 0.98797 0.98693 0.98465	1972 0.99971 0.99937 0.99898 0.99802 0.99746 0.99686 0.99623 0.99557 0.99418 0.99346 0.99272 0.99194 0.99115 0.99032 0.98854 0.98854 0.98855 0.98650	1973 0.99972 0.99941 0.99904 0.99861 0.998758 0.99701 0.99641 0.99578 0.99513 0.99446 0.99378 0.99308 0.9935 0.99160 0.99081 0.98981 0.98911 0.98818 0.98718 0.98613	1974 0.99974 0.99909 0.99868 0.99822 0.99771 0.99716 0.99659 0.99537 0.99473 0.99410 0.99344 0.99276 0.99205 0.99205 0.99868 0.98880 0.98886 0.98686	1975 0.99975 0.99947 0.99914 0.99876 0.99832 0.99783 0.99731 0.99676 0.99501 0.99501 0.99541 0.99381 0.99317 0.99250 0.99178 0.99178 0.99104 0.99025 0.98854 0.98760	1976 0.99976 0.99949 0.99917 0.99880 0.99792 0.99743 0.99692 0.99639 0.99585 0.99528 0.99528 0.99471 0.99413 0.99352 0.99288 0.99220 0.99149 0.98909 0.98819	1977 0.99977 0.99951 0.99920 0.99844 0.99801 0.99756 0.99659 0.99659 0.99501 0.99445 0.99387 0.99262 0.99194 0.99123 0.99046 0.98965 0.98785	1978 0.99978 0.99952 0.99989 0.99851 0.99810 0.99768 0.99724 0.99679 0.99632 0.99581 0.99581 0.99477 0.99422 0.99364 0.99303 0.99240 0.99171 0.99098 0.99020 0.98937	1979 0.99979 0.99954 0.99925 0.99857 0.99819 0.99780 0.99739 0.99669 0.99561 0.99510 0.99457 0.99402 0.99345 0.99285 0.99285 0.99285 0.99275 0.99075 0.98995 0.98910	1980 0.99980 0.99956 0.99928 0.99863 0.99828 0.99792 0.99755 0.99637 0.99637 0.99542 0.99542 0.99440 0.99387 0.99387 0.99269 0.99269 0.99202 0.99131 0.99054	1981 0.99980 0.99957 0.99930 0.99899 0.99866 0.99832 0.99761 0.99725 0.99687 0.99645 0.99554 0.99506 0.99455 0.99402 0.99347 0.99222 0.99153 0.99078 0.98999
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1 0 97811	0.97910	0.08008	0.08107	0.98206	0.98305	0.98381	0.98457	0.98534	0.98610	0.98686	0.98718
0.97638		0.97849	0.97955	0.98060	0.98166	0.98248	0.98330	0.98412	0.98494	0.98576	0.98610
0.97450	0.97562	0.97675	0.97788	0.97902	0.98015	0.98103	0.98191	0.98279	0.98367	0.98456	0.98492
0.97245	MALKEY STATE	0.97487	0.97608	0.97729	0.97850	0.97945	0.98040	0.98135	0.98230	0.98325	0.98363
0.97025		0.97284	0.97414	0.97543	0.97673	0.97775	0.97876	0.97978	0.98079	0.98181	0.98221
0.96790	0.96929	0.97067	0.97206	0.97345	0.97484	0.97592	0.97699	0.97808	0.97916	0.98024	0.98067
	The second second	0.96834	0.96982	0.97131	0.97279	0.97393	0.97508	0.97623	0.97737	0.97852	0.97899
0.96539	0.96686		The same of the sa		0.97279	0.97177	0.97308	0.97420	0.97542	0.97664	0.97716
0.96267	1.11.170.00	0.96582	0.96739	0.96897			0.97069	0.97420	0.97328	0.97458	0.97710
0.95969		0.96304	0.96473	0.96641	0.96810	0.96939		0.96955	0.97094	0.97232	0.97313
0.95638		0.95998	0.96179	0.96360	0.96542	0.96679	0.96817			/	0.97293
0.95275	120,000,000,000	0.95664	0.95859	0.96054	0.96250	0.96396	0.96543	0.96690	0.96837 0.96557	0.96984	
0.94882	19,000,000	0.95301	0.95511	0.95721	0.95932	0.96088	0.96244	0.96400		0.96714	0.96789 0.96502
0.94462	100000000000000000000000000000000000000	0.94909	0.95134	0.95359	0.95585	0.95752	0.95918	0.96085	0.96252	0.96420	N. A. S. S. L. S.
0.94009		0.94486	0.94726	0.94966	0.95207	0.95386	0.95565	0.95745	0.95925	0.96105	0.96194
0.93516		0.94026	0.94283	0.94540	0.94797	0.94991	0.95186	0.95380	0.95575	0.95771	0.95866
0.92975		0.93526	0.93802	0.94079	0.94357	0.94567	0.94777	0.94988	0.95199	0.95411	0.95515
0.92386		0.92983	0.93283	0.93584	0.93886	0.94111	0.94338	0.94564	0.94792	0.95020	0.95134
0.91748		0.92395	0.92721	0.93047	0.93375	0.93617	0.93861	0.94104	0.94349	0.94594	0.94721
0.91067	and the second second second second	0.91764	0.92115	0.92467	0.92820	0.93081	0.93343	0.93606	0.93869	0.94133	0.94274
0.90333		0.91083	0.91460	0.91839	0.92219	0.92500	0.92783	0.93066	0.93350	0.93635	0.93790
0.89531	100000000000000000000000000000000000000	0.90340	0.90747	0.91155	0.91566	0.91869	0.92173	0.92478	0.92784	0.93090	0.93261
0.88638	7	0.89520	0.89964	0.90410	0.90859	0.91183	0.91508	0.91835	0.92162	0.92491	0.92679
0.87643	77 (+11,11-1)	0.88614	0.89103	0.89595	0.90089	0.90435	0.90781	0.91129	0.91478	0.91829	The second secon
0.86548	100 M (C M (C TO	0.87617	0.88157	0.88700	0.89246	0.89615	0.89985	0.90356	0.90729	0.91104	
0.85358		0.86529	0.87121	0.87717	0.88317	0.88712	0.89110	0.89508	0.89909	0.90312	0.90564
0.84078	0.84711	0,85349	0.85991	0.86639	0.87291	0.87717	0.88145	0.88576	0.89008	0.89443	0.89718
											1000
1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
0.99981	0.99981	0.99982	0.99982	0.99982	0.99982	0.99983	0,99983	0.99983	0.99983	0.99983	0.99982
0.99981 0.99958	0.99981 0.99959	0.99982 0.99960	0.99982 0.99961	0.99982 0.99961	0.99982 0.99962	0.99983 0.99962	0,99983	0.99983 0.99963	0.99983 0.99963	0,99983 0,99963	0.99982 0.99962
0.99981 0.99931	0.99981 0.99959 0.99933	0.99982 0.99960 0.99934	0.99982 0.99961 0.99936	0.99982 0.99961 0.99937	0.99982 0.99962 0.99937	0.99983 0.99962 0.99938	0,99983 0,99963 0,99938	0.99983 0.99963 0.99939	0.99983 0.99963 0.99939	0.99983 0.99963 0.99939	0.99982 0.99962 0.99939
0.99981 0.99958 0.99931 0.99901	0.99981 0.99959 0.99933 0.99904	0.99982 0.99960 0.99934 0.99906	0.99982 0.99961 0.99936 0.99908	0.99982 0.99961 0.99937 0.99909	0.99982 0.99962 0.99937 0.99910	0.99983 0.99962 0.99938 0.99910	0,99983 0,99963 0,99938 0,99911	0.99983 0.99963 0.99939 0.99912	0,99983 0,99963 0,99939 0,99913	0.99983 0.99963 0.99939 0.99913	0.99982 0.99962 0.99939 0.99914
0.99981 0.99958 0.99931 0.99901 0.99869	0.99981 0.99959 0.99933 0.99904 0.99872	0.99982 0.99960 0.99934 0.99906 0.99875	0.99982 0.99961 0.99936 0.99908 0.99878	0.99982 0.99961 0.99937 0.99909 0.99879	0.99982 0.99962 0.99937 0.99910 0.99880	0.99983 0.99962 0.99938 0.99910 0.99881	0,99983 0,99963 0,99938 0,99911 0,99882	0.99983 0.99963 0.99939 0.99912 0.99883	0,99983 0,99963 0,99939 0,99913 0,99884	0.99983 0.99963 0.99939 0.99913 0.99885	0.99982 0.99962 0.99939 0.99914 0.99886
0.99981 0.99958 0.99931 0.99901 0.99869 0.99836	0.99981 0.99959 0.99933 0.99904 0.99872 0.99840	0.99982 0.99960 0.99934 0.99906 0.99875 0.99843	0.99982 0.99961 0.99936 0.99908 0.99878 0.99847	0.99982 0.99961 0.99937 0.99909 0.99879 0.99848	0.99982 0.99962 0.99937 0.99910 0.99880 0.99849	0.99983 0.99962 0.99938 0.99910 0.99881 0.99851	0,99983 0,99963 0,99938 0,99911 0,99882 0,99852	0.99983 0.99963 0.99939 0.99912 0.99883 0.99853	0.99983 0.99963 0.99939 0.99913 0.99884 0.99854	0.99983 0.99963 0.99939 0.99913 0.99885 0.99855	0.99982 0.99962 0.99939 0.99914 0.99886 0.99857
0.99981 0.99958 0.99931 0.99901 0.99869 0.99836	0.99981 0.99959 0.99933 0.99904 0.99872 0.99840 0.99807	0.99982 0.99960 0.99934 0.99906 0.99875 0.99843 0.99811	0.99982 0.99961 0.99936 0.99908 0.99878 0.99847 0.99816	0.99982 0.99961 0.99937 0.99909 0.99879 0.99848 0.99817	0.99982 0.99962 0.99937 0.99910 0.99880 0.99849 0.99819	0.99983 0.99962 0.99938 0.99910 0.99881 0.99851 0.99820	0,99983 0,99963 0,99938 0,99911 0,99882 0,99852 0,99821	0.99983 0.99963 0.99939 0.99912 0.99883 0.99853 0.99822	0.99983 0.99963 0.99939 0.99913 0.99884 0.99854 0.99823	0.99983 0.99963 0.99939 0.99913 0.99885 0.99855 0.99825	0.99982 0.99962 0.99939 0.99914 0.99886 0.99857 0.99826
0.99981 0.99958 0.99931 0.99901 0.99869 0.99836 0.99802 0.99767	0.99981 0.99959 0.99933 0.99904 0.99872 0.99840 0.99807 0.99773	0.99982 0.99960 0.99934 0.99906 0.99875 0.99843 0.99811 0.99778	0.99982 0.99961 0.99936 0.99908 0.99878 0.99847 0.99816 0.99784	0.99982 0.99961 0.99937 0.99909 0.99879 0.99848 0.99817 0.99785	0.99982 0.99962 0.99937 0.99910 0.99880 0.99849 0.99819 0.99787	0.99983 0.99962 0.99938 0.99910 0.99881 0.99851 0.99820 0.99788	0,99983 0,99938 0,99911 0,99882 0,99852 0,99821 0,99789	0.99983 0.99939 0.99912 0.99883 0.99853 0.99822 0.99790	0.99983 0.99963 0.99939 0.99913 0.99884 0.99854 0.99823 0.99792	0.99983 0.99939 0.99913 0.99885 0.99855 0.99825 0.99793	0.99982 0.99962 0.99939 0.99914 0.99886 0.99857 0.99826 0.99794
0.99981 0.99931 0.99901 0.99869 0.99802 0.99767 0.997732	0.99981 0.99959 0.99933 0.99904 0.99872 0.99840 0.99807 0.99773 0.99738	0.99982 0.99960 0.99934 0.99906 0.99875 0.99843 0.99811 0.99778 0.99745	0.99982 0.99961 0.99936 0.99908 0.99847 0.99816 0.99784 0.99751	0.99982 0.99961 0.99937 0.99909 0.99879 0.99848 0.99817 0.99785	0.99982 0.99962 0.99937 0.99910 0.99880 0.99849 0.99819 0.99787 0.99754	0.99983 0.99962 0.99938 0.99910 0.99881 0.99851 0.99788 0.99755	0,99983 0,99938 0,99911 0,99882 0,99852 0,99821 0,99789 0,99756	0.99983 0.99939 0.99912 0.99883 0.99853 0.99822 0.99790 0.99757	0.99983 0.99939 0.99913 0.99884 0.99854 0.99823 0.99792 0.99759	0.99983 0.99939 0.99913 0.99885 0.99855 0.99825 0.99793 0.99761	0.99982 0.99962 0.99939 0.99914 0.99886 0.99857 0.99826 0.99794 0.99763
0.99981 0.99931 0.99901 0.99869 0.99836 0.99802 0.99767 0.99732	0.99981 0.99959 0.99933 0.99904 0.99872 0.99807 0.99807 0.99773 0.99738 0.99702	0.99982 0.99960 0.99934 0.99906 0.99875 0.99811 0.99778 0.99745 0.99709	0.99982 0.99961 0.99936 0.99908 0.99878 0.99847 0.99816 0.99784 0.99751 0.99716	0.99982 0.99961 0.99937 0.99909 0.99879 0.99848 0.99817 0.99785 0.99752	0.99982 0.99937 0.99910 0.99880 0.99849 0.99819 0.99787 0.99754	0.99983 0.99962 0.99938 0.99910 0.99881 0.99851 0.99788 0.99755 0.99721	0,99983 0,99938 0,99911 0,99882 0,99852 0,99821 0,99789 0,99756	0.99983 0.99939 0.99912 0.99883 0.99853 0.99822 0.99790 0.99757 0.99724	0.99983 0.99939 0.99913 0.99884 0.99854 0.99823 0.99759 0.99727	0.99983 0.99939 0.99913 0.99885 0.99855 0.99825 0.99793 0.99761	0.99982 0.99962 0.99939 0.99914 0.99886 0.99857 0.99826 0.99794 0.99763 0.997733
0.99981 0.99931 0.99901 0.99869 0.99836 0.99802 0.99767 0.99732 0.99694 0.99654	0.99981 0.99959 0.99933 0.99904 0.99872 0.99840 0.99807 0.99773 0.99738 0.99702 0.99662	0.99982 0.99960 0.99934 0.99906 0.99875 0.99843 0.99718 0.99778 0.99709 0.99671	0.99982 0.99961 0.99936 0.99908 0.99878 0.99847 0.99784 0.99784 0.99751 0.99716	0.99982 0.99961 0.99937 0.99909 0.99879 0.99848 0.99817 0.99785 0.99752 0.99718 0.99682	0.99982 0.99937 0.99910 0.99880 0.99849 0.99819 0.99787 0.99754 0.99720 0.99684	0.99983 0.99962 0.99938 0.99910 0.99851 0.99850 0.99788 0.99755 0.99721	0,99983 0,99938 0,99911 0,99882 0,99852 0,99789 0,99789 0,99723 0,99689	0.99983 0.99939 0.99912 0.99883 0.99853 0.99822 0.99790 0.99757 0.99724 0.99691	0.99983 0.99939 0.99913 0.99884 0.99854 0.99823 0.99792 0.99759 0.99727	0.99983 0.99963 0.99939 0.99913 0.99885 0.99855 0.99825 0.99761 0.99730 0.99698	0.99982 0.99962 0.99939 0.99914 0.99886 0.99857 0.99826 0.99763 0.99763 0.99702
0.99981 0.99958 0.99931 0.99901 0.99869 0.99802 0.99767 0.99732 0.99694 0.99654	0.99981 0.99959 0.99933 0.99904 0.99872 0.99840 0.99807 0.99773 0.99702 0.99662 0.99662	0.99982 0.99960 0.99934 0.99906 0.99843 0.99811 0.99778 0.99709 0.99671 0.99631	0.99982 0.99961 0.99936 0.99908 0.99847 0.99816 0.99784 0.99751 0.99679 0.99679	0.99982 0.99961 0.99937 0.99909 0.99848 0.99817 0.99785 0.99718 0.99682 0.99682	0.99982 0.99937 0.99910 0.99880 0.99849 0.99819 0.99787 0.99754 0.99720 0.99684 0.99684	0.99983 0.99962 0.99938 0.99910 0.99851 0.99820 0.99788 0.99755 0.99721 0.99687 0.99652	0,99983 0,99938 0,99911 0,99852 0,99852 0,99789 0,99756 0,99723 0,99689 0,99656	0.99983 0.99939 0.99912 0.99853 0.99853 0.99822 0.99790 0.99757 0.99724 0.99691 0.99660	0.99983 0.99963 0.99939 0.99913 0.99884 0.99823 0.99792 0.99759 0.99727 0.99695	0.99983 0.99963 0.99939 0.99913 0.99855 0.99855 0.99761 0.99761 0.99730 0.99698 0.99667	0.99982 0.99962 0.99939 0.99914 0.99886 0.99857 0.99826 0.99794 0.99763 0.99702 0.99670
0.99981 0.99931 0.99901 0.99869 0.99802 0.99767 0.99732 0.99694 0.99654 0.99611	0.99981 0.99959 0.99904 0.99872 0.99840 0.99807 0.99773 0.99702 0.99662 0.99662 0.99578	0.99982 0.99960 0.99934 0.99906 0.99843 0.99811 0.99778 0.99709 0.99671 0.99631 0.99590	0.99982 0.99961 0.99936 0.99908 0.99847 0.99816 0.99784 0.99751 0.99679 0.99642 0.99602	0.99982 0.99961 0.99937 0.99909 0.99848 0.99817 0.99785 0.99718 0.99682 0.99645 0.99607	0.99982 0.99937 0.99910 0.99880 0.99849 0.99819 0.99787 0.99754 0.99720 0.99684 0.99649	0.99983 0.99962 0.99938 0.99910 0.99851 0.99820 0.99788 0.99755 0.99721 0.99687 0.99652 0.99616	0,99983 0,99963 0,99911 0,99852 0,99851 0,99789 0,99756 0,99723 0,99689 0,99656 0,99621	0.99983 0.99939 0.99912 0.99853 0.99853 0.99822 0.99757 0.99754 0.99691 0.99660 0.99626	0.99983 0.99939 0.99913 0.99884 0.99823 0.99792 0.99759 0.99727 0.99663 0.99663	0.99983 0.99939 0.99913 0.99855 0.99855 0.99825 0.99793 0.99761 0.99730 0.99698 0.99667 0.99633	0.99982 0.99962 0.99939 0.99914 0.99886 0.99857 0.99826 0.99794 0.99763 0.99702 0.99670 0.99636
0.99981 0.99931 0.99901 0.99869 0.99802 0.99767 0.99732 0.99694 0.99654 0.99566 0.99519	0.99981 0.99959 0.99904 0.99872 0.99840 0.99807 0.99773 0.99702 0.99662 0.99662 0.99578 0.99532	0.99982 0.99960 0.99934 0.99906 0.99875 0.99811 0.99778 0.99745 0.99709 0.99631 0.99590 0.99546	0.99982 0.99961 0.99936 0.99908 0.99847 0.99816 0.99784 0.99751 0.99679 0.99642 0.99602 0.99559	0.99982 0.99961 0.99937 0.99909 0.99848 0.99817 0.99785 0.99752 0.99718 0.99682 0.99645 0.99667	0.99982 0.99937 0.99910 0.99880 0.99849 0.99819 0.99754 0.99754 0.99684 0.99649 0.99611 0.99571	0.99983 0.99962 0.99938 0.99910 0.99851 0.99820 0.99788 0.99755 0.99721 0.99687 0.99652 0.99616 0.99577	0,99983 0,99938 0,99911 0,99882 0,99821 0,99789 0,99756 0,99723 0,99689 0,99656 0,99621 0,99584	0.99983 0.99939 0.99912 0.99883 0.99853 0.99822 0.99790 0.99757 0.99724 0.99691 0.99660 0.99626 0.99590	0.99983 0.99939 0.99913 0.99884 0.99854 0.99823 0.99792 0.99759 0.99727 0.99663 0.99629 0.99593	0.99983 0.99963 0.99913 0.99855 0.99855 0.99825 0.99793 0.99761 0.99730 0.99667 0.99633 0.99597	0.99982 0.99962 0.99939 0.99914 0.99886 0.99857 0.99826 0.99794 0.99763 0.99702 0.99670 0.99636 0.99601
0.99981 0.99931 0.99901 0.99869 0.99802 0.99767 0.99732 0.99694 0.99654 0.99566 0.99519	0.99981 0.99959 0.99933 0.99904 0.99872 0.99807 0.99773 0.99702 0.99662 0.99621 0.99578 0.99532 0.99484	0.99982 0.99960 0.99934 0.99906 0.99875 0.99811 0.99778 0.99745 0.99709 0.99631 0.99590 0.99590 0.99546	0.99982 0.99961 0.99936 0.99908 0.99847 0.99816 0.99784 0.99751 0.99679 0.99642 0.99602 0.99559 0.99513	0.99982 0.99961 0.99937 0.99909 0.99879 0.99817 0.99785 0.99752 0.99718 0.99682 0.99645 0.99607 0.99565 0.995521	0.99982 0.99937 0.99910 0.99880 0.99849 0.99819 0.99754 0.99720 0.99684 0.99649 0.99611 0.99571 0.99528	0.99983 0.99962 0.99938 0.99910 0.99851 0.99820 0.99755 0.99751 0.99687 0.99616 0.99577 0.99536	0,99983 0,99938 0,99911 0,99882 0,99821 0,99789 0,99756 0,99723 0,99689 0,99656 0,99621 0,99584 0,99584	0.99983 0.99939 0.99912 0.99883 0.99822 0.99790 0.99757 0.99724 0.99691 0.99660 0.99626 0.99551	0.99983 0.99939 0.99913 0.99884 0.99853 0.99792 0.99759 0.99663 0.99663 0.99555	0.99983 0.99963 0.99913 0.99885 0.99825 0.99793 0.99761 0.99730 0.99698 0.99667 0.99633 0.99597	0.99982 0.99962 0.99939 0.99914 0.99886 0.99826 0.99794 0.99763 0.99702 0.99670 0.99636 0.99601 0.99562
0.99981 0.99931 0.99901 0.99869 0.99802 0.99767 0.99732 0.99654 0.99611 0.99566 0.99470 0.99418	0.99981 0.99959 0.99933 0.99904 0.99872 0.99807 0.99773 0.99773 0.99702 0.99662 0.99662 0.99578 0.99578 0.99582 0.99484	0.99982 0.99960 0.99934 0.99906 0.99875 0.99811 0.99778 0.99745 0.99709 0.99671 0.99631 0.99590 0.99590 0.99499 0.99450	0.99982 0.99961 0.99936 0.99908 0.99878 0.99816 0.99751 0.99751 0.99679 0.99602 0.99559 0.99513 0.99465	0.99982 0.99961 0.99937 0.99909 0.99879 0.99817 0.99785 0.99752 0.99718 0.99682 0.99645 0.99607 0.995521 0.99474	0.99982 0.99937 0.99910 0.99880 0.99849 0.99754 0.99754 0.99720 0.99684 0.99611 0.99571 0.99528 0.99483	0.99983 0.99962 0.99938 0.99910 0.99881 0.99820 0.99788 0.99755 0.99721 0.99687 0.99652 0.99616 0.99577 0.99536 0.99492	0,99983 0,99938 0,99911 0,99882 0,99821 0,99756 0,99723 0,99689 0,99656 0,99621 0,99584 0,99543 0,99500	0.99983 0.99939 0.99912 0.99883 0.99822 0.99757 0.99724 0.99691 0.99660 0.99626 0.99551 0.99551	0.99983 0.99939 0.99913 0.99884 0.99854 0.99759 0.99759 0.99663 0.99629 0.99555 0.99555	0.99983 0.99939 0.99913 0.99885 0.99825 0.99793 0.99761 0.99698 0.99667 0.99633 0.99559 0.99559	0.99982 0.99939 0.99914 0.99886 0.99857 0.99826 0.99794 0.99763 0.99702 0.99670 0.99636 0.99601 0.99562 0.99522
0.99981 0.99931 0.99901 0.99869 0.99836 0.99869 0.99767 0.99664 0.99664 0.99519 0.99470 0.99418 0.99364	0.99981 0.99959 0.99933 0.99904 0.99872 0.99807 0.99773 0.99738 0.99702 0.99662 0.99662 0.99578 0.99532 0.99484 0.99434 0.99381	0.99982 0.99960 0.99934 0.99906 0.99875 0.99811 0.99778 0.99745 0.99709 0.99671 0.99631 0.99590 0.99546 0.99499 0.99450 0.99398	0.99982 0.99961 0.99936 0.99908 0.99878 0.99816 0.99751 0.99751 0.99679 0.99642 0.99602 0.99559 0.99513 0.99465 0.99415	0.99982 0.99961 0.99937 0.99909 0.99879 0.998817 0.99785 0.99752 0.99718 0.99682 0.99645 0.99607 0.99565 0.99521 0.99474 0.99425	0.99982 0.99937 0.99910 0.99880 0.99849 0.99754 0.99754 0.99720 0.99684 0.99649 0.99611 0.99571 0.99528 0.99483 0.99483	0.99983 0.99962 0.99938 0.99910 0.99881 0.99851 0.99755 0.99721 0.99687 0.99652 0.99616 0.99577 0.99536 0.99492 0.99445	0,99983 0,99938 0,99911 0,99882 0,99852 0,99756 0,99756 0,99723 0,99689 0,99656 0,99621 0,99584 0,99543 0,99500 0,99455	0.99983 0.99939 0.99912 0.99883 0.99853 0.998757 0.99757 0.99724 0.99691 0.99660 0.99660 0.99551 0.99550 0.99509	0.99983 0.99939 0.99913 0.99884 0.99854 0.99759 0.99759 0.99727 0.99663 0.99663 0.99553 0.995513 0.99470	0.99983 0.99939 0.99913 0.99885 0.99855 0.99793 0.99761 0.99730 0.99667 0.99633 0.99597 0.99559 0.99559	0.99982 0.99962 0.99939 0.99914 0.99886 0.99857 0.99794 0.99763 0.99702 0.99670 0.99636 0.99601 0.99562 0.99522 0.99478
0.99981 0.99931 0.99901 0.99869 0.99836 0.99767 0.99732 0.99654 0.99654 0.99566 0.99519 0.99470 0.99418 0.99364 0.99305	0.99981 0.99959 0.99933 0.99904 0.99872 0.99877 0.99773 0.99738 0.99702 0.99662 0.99662 0.99532 0.99532 0.99484 0.99434 0.99381 0.99324	0.99982 0.99960 0.99934 0.99906 0.99875 0.99843 0.99745 0.99709 0.99671 0.99631 0.99590 0.99499 0.99499 0.99450 0.99398 0.99342	0.99982 0.99961 0.99936 0.99908 0.99878 0.99847 0.99751 0.99751 0.99679 0.99642 0.99602 0.99559 0.99513 0.99465 0.99415 0.99361	0.99982 0.99961 0.99937 0.99909 0.99879 0.99881 0.99785 0.99752 0.99718 0.99682 0.99645 0.99607 0.99565 0.99521 0.99474 0.99425 0.99373	0.99982 0.99962 0.99937 0.99910 0.99880 0.99849 0.99787 0.99754 0.99720 0.99684 0.99649 0.99611 0.99571 0.99528 0.99483 0.99483 0.99435	0.99983 0.99962 0.99938 0.99910 0.99881 0.99851 0.99755 0.99721 0.99687 0.99652 0.99616 0.99577 0.99536 0.99492 0.99445 0.99397	0,99983 0,99938 0,99911 0,99882 0,99852 0,99789 0,99756 0,99723 0,99689 0,99656 0,99621 0,99584 0,99543 0,99543 0,99500 0,99455 0,99409	0.99983 0.99939 0.99912 0.99883 0.99853 0.99852 0.99757 0.99724 0.99691 0.99660 0.99660 0.99551 0.99509 0.99465 0.99421	0.99983 0.99939 0.99913 0.99884 0.99854 0.99759 0.99759 0.99727 0.99663 0.99663 0.99555 0.99513 0.99470 0.99425	0.99983 0.99939 0.99913 0.99885 0.99855 0.99761 0.99730 0.99667 0.99633 0.99597 0.99559 0.99517 0.99474 0.99429	0.99982 0.99939 0.99914 0.99886 0.99857 0.99826 0.99794 0.99763 0.99702 0.99670 0.99636 0.99601 0.99562 0.99522 0.99478 0.99433
0.99981 0.99931 0.99901 0.99869 0.99836 0.99869 0.99767 0.99664 0.99664 0.99519 0.99470 0.99418 0.99364	0.99981 0.99959 0.99933 0.99904 0.99872 0.99877 0.99773 0.99738 0.99702 0.99662 0.99662 0.99532 0.99532 0.99484 0.99434 0.99381 0.99324	0.99982 0.99960 0.99934 0.99906 0.99875 0.99811 0.99778 0.99745 0.99709 0.99671 0.99631 0.99590 0.99546 0.99499 0.99450 0.99398	0.99982 0.99961 0.99936 0.99908 0.99878 0.99816 0.99751 0.99751 0.99679 0.99642 0.99602 0.99559 0.99513 0.99465 0.99415	0.99982 0.99961 0.99937 0.99909 0.99848 0.99817 0.99785 0.99718 0.99682 0.99645 0.99607 0.99565 0.99521 0.99474 0.99425 0.99373 0.99317	0.99982 0.99962 0.99937 0.99910 0.99889 0.99819 0.99787 0.99754 0.99720 0.99684 0.99611 0.99571 0.99528 0.99483 0.99483 0.99385 0.99331	0.99983 0.99962 0.99938 0.99910 0.99851 0.99820 0.99788 0.99755 0.99721 0.99687 0.99652 0.99616 0.99577 0.99536 0.99492 0.99445 0.99397 0.99344	0,99983 0,99938 0,99911 0,99882 0,99852 0,99821 0,99789 0,99756 0,99723 0,99689 0,99656 0,99621 0,99584 0,99543 0,99543 0,99500 0,99455 0,99409 0,99358	0.99983 0.99939 0.99912 0.99883 0.99853 0.99852 0.99757 0.99754 0.99691 0.99660 0.99660 0.99551 0.99509 0.99465 0.99421 0.99372	0.99983 0.99939 0.99913 0.99884 0.99854 0.99759 0.99759 0.99727 0.99663 0.99663 0.99553 0.995513 0.99470	0.99983 0.99939 0.99913 0.99885 0.99855 0.99793 0.99761 0.99730 0.99667 0.99633 0.99597 0.99559 0.99559	0.99982 0.99962 0.99939 0.99914 0.99886 0.99857 0.99826 0.99763 0.99763 0.99702 0.99670 0.99636 0.99601 0.99562 0.99522 0.99478 0.99433 0.99383
0.99981 0.99931 0.99901 0.99869 0.99836 0.99767 0.99732 0.99654 0.99654 0.99566 0.99519 0.99470 0.99418 0.99364 0.99305	0.99981 0.99959 0.99904 0.99872 0.99840 0.99807 0.99773 0.99702 0.99662 0.99662 0.99578 0.99578 0.99532 0.99484 0.99434 0.99434 0.99324 0.99324	0.99982 0.99960 0.99934 0.99906 0.99875 0.99843 0.99745 0.99709 0.99671 0.99631 0.99590 0.99499 0.99499 0.99450 0.99398 0.99342	0.99982 0.99961 0.99936 0.99908 0.99878 0.99847 0.99751 0.99751 0.99679 0.99642 0.99602 0.99559 0.99513 0.99465 0.99415 0.99361	0.99982 0.99961 0.99937 0.99909 0.99879 0.99881 0.99785 0.99752 0.99718 0.99682 0.99645 0.99607 0.99565 0.99521 0.99474 0.99425 0.99373	0.99982 0.99962 0.99937 0.99910 0.99880 0.99849 0.99754 0.99754 0.99649 0.99641 0.99641 0.99571 0.99571 0.99528 0.99483 0.99483 0.99331 0.99273	0.99983 0.99962 0.99938 0.99910 0.99851 0.99820 0.99755 0.99755 0.99652 0.99616 0.99577 0.99536 0.99492 0.99445 0.99344 0.99288	0,99983 0,99938 0,99911 0,99882 0,99821 0,99789 0,99756 0,99723 0,99656 0,99621 0,99584 0,99543 0,99500 0,99455 0,99409 0,99358 0,99304	0.99983 0.99939 0.99912 0.99883 0.99853 0.99822 0.99790 0.99757 0.9960 0.99660 0.99626 0.99551 0.99590 0.99421 0.99372 0.99319	0.99983 0.99939 0.99913 0.99884 0.99854 0.99759 0.99759 0.99727 0.99663 0.99663 0.99555 0.99513 0.99470 0.99425	0.99983 0.99939 0.99913 0.99885 0.99855 0.99761 0.99730 0.99667 0.99633 0.99597 0.99559 0.99517 0.99474 0.99429	0.99982 0.99939 0.99914 0.99886 0.99857 0.99826 0.99794 0.99763 0.99702 0.99670 0.99636 0.99601 0.99562 0.99522 0.99478 0.99433
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0.99981 0.99931 0.99901 0.99869 0.99836 0.99869 0.99767 0.99664 0.99664 0.99566 0.99519 0.9947(0.99418 0.99364 0.99305 0.99243 0.99103 0.99103 0.99025 0.98941 0.98850	0.99981 0.99959 0.99933 0.99904 0.99872 0.99807 0.99773 0.99738 0.99702 0.99662 0.99662 0.99532 0.99538 0.99484 0.99434 0.99381 0.99384 0.99384 0.99384 0.99384 0.99384 0.99384 0.99384 0.99384 0.99384 0.99384 0.99384 0.99384 0.99384 0.99384 0.99384 0.99384	0.99982 0.99960 0.99934 0.99906 0.99875 0.99843 0.99745 0.99769 0.99671 0.99546 0.99546 0.99499 0.99450 0.99398 0.99342 0.99219 0.99219 0.99151 0.99078 0.98997 0.98910	0.99982 0.99961 0.99936 0.99988 0.99878 0.99816 0.99751 0.99716 0.99679 0.99602 0.99559 0.99513 0.99465 0.99415 0.99303 0.99242 0.99175 0.99104 0.99026 0.999026	0.99982 0.99961 0.99937 0.99909 0.99879 0.99881 0.99752 0.99752 0.9967 0.99665 0.99565 0.99521 0.99474 0.99425 0.99373 0.99317 0.99257 0.99193 0.99123 0.99047 0.98964	0.99982 0.99962 0.99937 0.99910 0.99880 0.99849 0.99754 0.99754 0.99720 0.99684 0.99611 0.99571 0.99528 0.99483 0.99435 0.99385 0.99331 0.99273 0.99210 0.99142 0.99068 0.98988	0.99983 0.99962 0.99938 0.99910 0.99881 0.99851 0.99755 0.99721 0.99687 0.99536 0.99577 0.99536 0.99445 0.99397 0.99344 0.99288 0.99227 0.99161 0.99089 0.99012	0,99983 0,99911 0,99882 0,99852 0,99821 0,99756 0,99723 0,99689 0,99656 0,99543 0,99584 0,99543 0,99540 0,99455 0,99409 0,99358 0,99304 0,99244 0,99180 0,99110	0.99983 0.99963 0.99912 0.99883 0.99853 0.998757 0.99757 0.99724 0.99660 0.99551 0.99551 0.99509 0.99465 0.99421 0.99372 0.99372 0.99319 0.99262 0.99199 0.99132 0.99059	0.99983 0.99963 0.99913 0.99884 0.99854 0.998792 0.99759 0.99727 0.99663 0.99629 0.99553 0.99553 0.99553 0.99533 0.99470 0.99425 0.99323 0.99266 0.99205 0.99139	0.99983 0.99963 0.99913 0.99885 0.99855 0.99825 0.99761 0.99730 0.99667 0.99633 0.99559 0.99559 0.99517 0.99474 0.99429 0.99379 0.99379 0.99271 0.99271 0.99146 0.99075	0.99982 0.99962 0.99939 0.99914 0.99886 0.99857 0.99826 0.99703 0.99702 0.99670 0.99636 0.99601 0.99562 0.99522 0.99478 0.99433 0.99331 0.99217 0.99217 0.99153 0.99083

I	0.98644	0.98678	0.98712	0.98747	0.98776	0.98805	0.98834	0.98864	0.98893	0.98903	0.98912	0.98922
١	0.98528	0.98564	0.98600	0.98636	0.98668	0.98700	0.98731	0.98763	0.98795	0.98806	0.98818	0.98829
١	0.98401	0.98439	0.98477	0.98515	0.98549	0.98584	0.98618	0.98653	0.98687	0.98701	0.98714	0.98728
l	0.98262	0.98302	0.98342	0.98383	0.98420	0.98458	0.98496	0.98534	0.98572	0.98587	0.98601	0.98616
١	0.98111	0.98154	0.98198	0.98241	0.98282	0.98324	0.98366	0.98407	0.98449	0.98464	0.98479	0.98494
١	0.97946	0.97993	0.98041	0.98088	0.98133	0.98179	0.98225	0.98271	0.98317	0.98331	0.98346	0.98360
١	0.97768	0.97819	0.97871	0.97923	0.97973	0.98023	0.98072	0.98122	0.98172	0.98186	0.98199	0.98213
١	0.97572	0.97629	0.97687	0.97744	0.97797	0,97851	0.97905	0.97958	0.98012	0.98025	0.98038	0.98050
١	0.97358	0.97421	0.97484	0.97547	0.97605	0.97663	0.97720	0.97778	0.97836	0.97848	0.97861	0.97873
l	0.97122	0.97191	0.97261	0.97330	0.97392	0.97455	0.97517	0.97579	0.97642	0.97655	0.97668	0.97681
١	0.96864	0.96940	0.97015	0.97090	0.97158	0.97226	0.97294	0.97362	0.97430	0.97444	0.97459	0.97473
١	0.96583	0.96665	0.96747	0.96829	0.96904	0.96978	0.97053	0.97127	0.97202	0.97218	0.97233	0.97249
١	0.96282	0.96371	0.96460	0.96548	0.96631	0.96713	0.96796	0.96878	0.96961	0.96977	0.96993	0.97009
١	0.95962	0.96058	0.96153	0.96249	0.96340	0.96431	0.96522	0.96614	0.96705	0.96721	0.96738	0.96754
١	0.95619	0.95723	0.95827	0.95931	0.96031	0.96130	0.96230	0.96330	0.96430	0.96446	0.96463	0.96480
١	0.95249	0.95364	0.95479	0.95594	0.95701	0.95808	0.95916	0.96024	0.96132	0.96150	0.96168	0.96186
١	0.94848	0.94976	0.95104	0.95231	0.95346	0.95461	0.95576	0.95691	0.95807	0.95827	0.95848	0.95869
١	0.94415	0.94556	0.94697	0.94838	0.94961	0.95084	0.95207	0.95330	0.95453	0.95478	0.95503	0.95528
١	0.93945	0.94100	0.94255	0.94410	0.94542	0.94673	0.94805	0.94936	0.95068	0.95099	0.95129	0.95159
ı	0.93431	0.93602	0.93773	0.93944	0.94085	0.94225	0.94366	0.94508	0.94649	0.94684	0.94720	0.94755
١	0.92867	0.93056	0.93245	0.93435	0.93586	0.93738	0.93890	0.94042	0.94194	0.94234	0.94273	0.94313
١	0.92247	0.92456	THE RESERVE	0.92877	0.93041	0,93206	0,93371	0.93537	0.93702	0.93745	0.93788	0.93831
1	0.91565	0.91797	0.92029	0.92261	0.92442	0.92624	0.92806	0.92988	0.93171	0.93217	0.93263	0.93309
	0.90817	0.91071	0.91325	0.91580	0.91782	0.91985	C. CONTRACTOR CO.		Contraction of the Contraction o	0.92644	0.92693	0.92743
١	0.89994	0.90272	0.90550			0.91281		0.91735	0.91964	0.92018	0.92073	0.92127
-1	A STATE OF THE STA	THE RESERVE AND ADDRESS OF THE PARTY OF THE		777								

1994	1995				
0.99982	0.99982				
0.99962	0.99962				
0.99939	0.99939				
0.99914	0.99915				
0.99887	0.99888				
0.99858	0.99859				
0.99827	0.99828				
0.99796	0.99797				
0.99765	0.99767				
0.99736	0.99738				
0.99705	0.99708				
0.99674	0.99677				
0.99640	0.99644				
0.99604	0.99608				
0.99566	0.99570				
0.99526	0.99530				
0.99483	0.99487				
0.99437	0.99440				
0.99387	0.99391				
0.99335	0.99339				
0.99281	0.99285				
0.99223	0.99229				
0.99160	0.99167				
0.99091	0.99099				
0.99015	0.99024				
0.98932	0.98941				

0.98841	0.98852
0.98741	0.98754
0.98631	0.98646
0.98509	0.98525
0.98375	0.98390
0.98226	0.98240
0.98063	0.98076
0.97886	0.97898
0.97694	0.97708
0.97487	0.97501
0.97264	0.97280
0.97026	0.97042
0.96770	0.96786
0.96497	0.96514
0.96204	0.96222
0.95890	0.95910
0.95553	0.95577
0.95189	0.95219
0.94790	0.94826
0.94353	0.94392
0.93874	0.93917
0.93355	0.93401
0.92793	0.92843
0.92182	0.92236

Aged30	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957
30	0.99274	0.99356	0.99437	0.99519	0.99601	0.99639	0.99677	0.99716	0.99754	0.99770	0.99786
31	0.98564	0.98723	0.98883	0.99043	0.99203	0.99277	0.99352	0.99427	0.99502	0.99534	0.99566
32	0.97866	0.98100	0.98333	0.98568	0.98803	0.98913	0.99024	0.99135	0.99246	0.99293	0.99341
33	0.97177	0.97482	0.97787	0.98093	0.98400	0.98546	0.98692	0.98838	0.98985	0.99047	0.99109
34	0.96497	0.96869	0.97242	0.97616	0.97992	0.98173	0.98353	0.98534	0.98716	0.98793	0.98870
35	0.95822	0.96258	0.96696	0.97137	0.97579	0.97792	0.98006	0.98220	0.98434	0.98527	0.98620
36	0.95149	0.95647	0.96148	0.96652	0.97158	0.97403	0.97648	0.97894	0.98141	0.98250	0.98360
37	0.94473	0.95033	0.95595	0.96161	0.96730	0.97006	0.97283	0.97560	0.97839	0.97964	0.98089
38	0.93795	0.94411	0.95032	0.95656	0.96285	0.96594	0.96905	0.97216	0.97529	0.97668	0.97807
39	0.93111	0.93783	0.94459	0.95140	0.95826	0.96169	0.96514	0.96860	0.97207	0.97360	0.97513
40	0.92412	0.93138	0.93870	0.94608	0.95351	0.95730	0.96110	0.96492	0.96875	0.97041	0.97208
41	0.91689	0.92473	0.93264	0.94062	0.94866	0.95280	0.95695	0.96112	0.96531	0.96711	0.96891
42	0.90954	0.91796	0.92646	0.93504	0.94370	0.94816	0.95265	0.95716	0.96168	0.96363	0.96559
43	0.90220	0.91118	0.92024	0.92939	0.93864	0.94340	0.94818	0.95299	0.95783	0.95993	0.96205
44	0.89494		0.91397	0.92363	0.93340	0.93844	0.94351	0.94861	0.95374	0.95599	0.95825
45	0.88760	0.89751	0.90752	0.91765	0.92789	0.93324	0.93861	0.94401	0.94945	0.95183	0.95421
46	0.88004	0.89036	0.90080	0.91137	0.92206	0.92771	0.93339	0.93911	0.94486	0.94736	0.94987
47	0.87214	0.88287	0.89373	0.90472	0.91585	0.92178	0.92776	0.93377	0.93981	0.94246	0.94511
48	0.86375	1 10 TO TO THE REAL PROPERTY.	0.88620	0.89763	0.90922	0.91542	0.92166	0.92795	0.93428	0.93709	0.93992
49	0.85478	0.86640	0.87819	0.89013	0.90224	0.90870	0.91520	0.92175	0.92835	0.93135	0.93436
50	0.84528	0.85744	0.86978	0.88229	0.89498	0.90169	0.90845	0.91526	0.92212	0.92529	0.92848
51	0.83538	0.84805	0.86091	0.87397	0.88723	0.89423	0.90129	0.90841	0.91558	0.91890	0.92224
52	0.82510	0.83822	0.85154	0.86508	0.87883	0.88618	0.89358	0.90105	0.90857		
53	0.81446	0.82799	0.84174	0.85572	0.86994	0.87761	0.88534	0.89315	0.90102	0.90464	The Labour St.
54	0.80342	0.81736	0.83154	0.84596	0.86064	0.86861	0.87666	0.88479	0.89299	70 30 30 40 40	0.90055
55	0.79186	0.80619	0.82079	0.83565	0.85078	0.85909	0.86749	0.87597	0.88453	0.88845	0.89240
56	0.77947	0.79423	0.80926	0.82457	0.84017	0.84889	0.85769	0.86658	0.87556	0.87963	0.88372

i i		o moved	o mis com	o or o and	0.00050	() ontro	0.84696	0.85635	0.86583	0.97004	0.87431
57	0.76625	0.78136	A CHARLES AND A STATE OF	0.81248				0.84519	0.85515	0.85956	0.86399
58	0.75219	0.76766	0.78345	0.79955	0.81599	0.82561	0.83534			0.84819	0.85281
59	0.73720	0.75314	0.76942	0.78605	0.80304	0.81299	0.82307	0.83327	0.84361		0.84088
60	0.72093	0.73749	0.75442	0.77174	0.78947	0.79973	0.81013	0.82067	0.83134		0.82805
61	0.70329	0.72053	0.73818	0.75627	0.77480	0.78542	0.79618	0.80709	0.81815	0.82309	A COLUMN TO THE REAL PROPERTY OF THE PARTY O
62	0.68449	0.70242	0.72082	0.73971	0.75909	0.77002	0.78110	0.79234	0.80375	0.80890	0.81408
63	0.66514	0.68370	0.70278	0.72239	0.74255	0.75368	0.76499	0.77646	0.78810	0.79348	0.79890
64	0.64466	0.66363	0.68315	0.70326	0.72395	0.73554	0.74731	0.75928	0.77143	0.77698	0.78258
									10.7	10.00	1070
1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
0.99803	0.99819	0.99835	0.99845	0.99855	0.99865	0.99875	0.99885	0.99890	0.99895	0.99899	0.99904
0.99599	0.99631	0.99663	0.99684	0.99704	0.99724	0.99745	0.99765	0.99775	0.99784	0.99794	0.99803
0.99389	0.99436	0.99484	0.99515	0.99546	0.99577	0.99608	0.99638	0.99653	0.99668	0.99682	0,99697
0.99171	0.99234	0.99296	0.99337	0.99379	0.99420	0.99461	0.99503	0.99523	0.99542	0.99562	0.99582
0.98947	0.99024	0.99101	0.99153	0.99205	0,99256	0.99308	0.99360	0.99385	0.99409	0.99434	0.99459
0.98713	0.98806	0.98899	0.98961	0.99023	0.99085	0.99147	0.99210	0.99240	0.99270	0.99300	0.99330
0.98469	0.98579	0.98688	0.98761	0.98833	0.98906	0.98978	0.99051	0.99086	0.99122	0.99157	0.99192
0.98214	0.98340	0.98465	0.98549	0.98632	0.98716	0.98800	0.98883	0.98924	0.98965	0.99005	0.99046
0.97947	0.98087	0.98227	0.98323	0.98419	0.98514	0.98610	0.98706	0.98752	0.98798	0.98844	0.98890
0.97666	0.97820	0.97974	0.98082	0.98191	0.98300	0.98409	0.98518	0.98569	0.98620	0.98671	0.98723
0.97374	0.97541	0.97708	0.97830	0.97952	0.98074	0.98196	0.98318	0.98374	0.98430	0.98486	0.98543
0.97072	0.97252	0.97434	0.97567	0.97701	0.97835	0.97969	0.98104	0.98165	0.98226	0.98287	0.98348
0.96754	0.96951	0.97147	0.97292	0.97436	0.97581	0.97727	0.97872	0.97938	0.98004	0.98070	0.98136
0.96416	0.96629	0.96841	0.96996	0.97152	0.97307	0.97463	0.97620	0.97692	0.97764	0.97836	0.97908
0.96052		0.96507		0.96840	0.97007	0.97175	0.97342	0.97422	0.97502	0.97583	0.97663
0.95661	0.95901	0.96141		0.96500	0.96679	0.96859	0.97040	0.97129	0.97219	0.97309	0.97399
0.95238	The state of the s	0.95742	400000000000000000000000000000000000000	0.96127	0.96320	0.96514	0.96708	0.96809	0.96910	0.97012	0.97113
0.94777	0.95043	0.95310	0.95517	0.95723	0.95930	0.96138	0.96346	0.96459	0.96573	0.96686	0.96800
0.94275		0.94844	I The Acres A.	0.95286	0.95507	0.95729	0.95952	0.96077	0.96202	0.96328	0.96453
0.93738		0.94346	2000 A CO.	0.94817	0.95053	0.95290	0.95528	0.95664	0.95801	0.95938	0.96075
0.93168		0.93811	0.94062	0.94315	0,94568	0,94822	0.95076	0.95224	0.95371	0,95519	0.95667
0.92559		0.93232	27 THE R. P. LEWIS CO., LANSING	0.93774	To the state of the state of	0.94319	0.94593	0.94752	0.94912	0.95071	0.95231
0.91902		0.92604		0.93188		0.93776		0.94243	0.94415	0.94588	0.94761
0.9119	The state of the s	0.91925	2000/200	0.92553			0.93503	100000000000000000000000000000000000000	0.93875		0.94249
0.9043:	100000000000000000000000000000000000000	0.91200		0.91871	0.92208	0.92547		0.93086	0.93287	0.93487	0.93689
0.8963		- 5155				100			0.92649	0.92864	0.93079
0.88783					0.90738						
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0.9936	0.99389	0.99419	0.99448	0.99478	0.99507	0.99528	0.99549	0.99570	0.9959	II 0.99012	0.99621

0.99228	0.00263	0.00000	0.99334	0.99370	0.99404	0.90430	0.99455	0.99480	0.99505	0.99530	0.99542
0.99087	0.99129	0.99170	0.99212	0.99254	0.99296	0.99325	0.99354	0.99383	0.99412	0.99441	0.99455
0.98936	0.98984	0.99032	0.99081	0.99129	0.99177	0.99211	0.99244	0.99278	0.99311	0.99345	0.99361
0.98930	0.98829	0.98883	0.98938	0.98993	0.99048	0.99087	0.99125	0.99164	0.99203	0.99242	0.99259
0.98774	0.98661	0.98723	0.98785	0.98846	0.98908	0.98953	0.98997	0.99042	0.99086	0.99130	0.99150
	matter and another the first	The second secon	0.98617	0.98687	0.98906	0.98807	0.98857	0.98908	0.98959	0.99009	0.99031
0.98409	0.98478	0.98547		The second second second		0.98648	0.98705	0.98763	0.98820	0.98878	0.98902
0.98202	0.98280	0.98357	0.98435	0.98512	0.98590			100 PM 100 PM	100000000000000000000000000000000000000	0.98733	0.98760
0.97980	0.98066	0.98153	0.98239	0.98325	0.98412	0.98476	0.98540	0.98605	0.98669 0.98504	- in the state of	0.98605
0.97743	0.97838	0.97934	0.98029	0.98125	0.98221		0.98363	0.98433	0.98304	0.98575	0.98436
0.97489	0.97594	0.97699	0.97804	0.97909	0.98015	0.98092	0.98170	0.98247	1 1 1 1 1 1 1 1 1 1 1 1 1	0.98403	
0.97215	0.97329	0.97444	0.97559	0.97674	0.97789	0.97874	0.97959	0.98044	0.98129	0.98214	0.98252
0.96914	0.97039	0.97164	0.97290	0.97416	0.97542	0.97635	0.97727	0.97821	0.97914	0.98007	0.98050
0.96579	0.96717	0.96856	0.96994	0.97133	0.97272	0.97373	0.97474	0.97576	0.97678	0.97779	0.97828
0.96212	0.96365	0.96518	0.96671	0.96824	0.96978	0.97088	0.97198	0.97309	0.97419	0.97530	0.97585
0.95816	0.95984	0.96152	0.96320	0.96489	0.96658	0.96778	0.96897	0.97017	0.97138	0.97258	0.97319
0.95391		0.95757	0.95940	0.96124	0.96308	0.96438	0.96569	0.96700	0.96831	0.96962	0.97030
0.94934		0.95330	0.95528	0.95727	0.95926	0.96070	0.96214	0.96358	0.96502	0.96646	0.96721
0.94436	The same of the sa	0.94866	0.95081	0.95297	0.95514	0.95673	0.95832	0.95991	0.96150	0.96310	0.96392
0.93890	0.94125	0.94361	0.94597	0.94833	0.95071	0.95246	0.95421	0.95596	0.95772	0.95948	The second secon
0.93295	0.93554	0.93813	0.94073	0.94334	0.94595	0.94786	0.94978	0.95170	0.95362	0.95554	The second secon
0.92651	0.92935	0.93220	0.93506	0.93793	0.94081	0.94289	0.94498	0.94707	0.94916	0.95126	0.95240
0.91963	The second second second	0.92583	0.92895	0.93208	0.93522	0.93749	0.93977	0.94205	0.94434	0.94663	the second second second second
0.91222	0.91559	0.91896	0.92235	0.92575	0.92916	0.93164	0.93413	0.93662	0.93912	0.94162	0.94304
0.90412	0.90779	0.91146	0.91515	0.91886	0.92258		0.92798	0.93069	0.93341	0.93614	0.93772
0.89510	0.89914	0.90319	0.90726	0.91135	0.91546	0.91837	0.92129	0.92422	0.92716	0.93011	0.93187
0.88506	0.88954	0.89405	0.89858	0.90313	0.90771	0.91083	0.91397	0.91712	0.92028	0.92345	0.92542
0.87399	0.87898	0.88399	0.88904	0.89411	0.89921	0.90258	0.90595	0.90935	0.91275	0.91617	0.91835
0.07555	0.07090	0.00399	0.00304	0.05711	0.02721	Contractor	O. J. O. L.	(VIII CESTICAL	O I S A S I S	017 2021	013 100
0.86198	11 min 1 min	0.87302	0.87859	0.88420	0.88985	0.89349	0.89714	0.90081	0.90450	0.90820	0.91060
CONTRACTOR (1)	0.86748	100000000000000000000000000000000000000					0.89714	100000000000000000000000000000000000000	0.90450		0.91060
0.86198	0.86748	0.87302	0.87859	0.88420	0.88985	0.89349	0.89714	0.90081	0.90450	0.90820	0.91060
0.86198	0.86748	0.87302	0.87859	0.88420	0.88985	0.89349	0.89714	0.90081	0.90450	0.90820	0.91060
0.86198 0.84906	0.86748 0.85506	0. 873 02 0.86111	0.87859 0.86720	0.88420 0.87333	0.88985 0.87951	0.89349 0.88346	0.89714 0.88744	0.90081 0.89143	0.90450 0.89543	0.90820 0.89946	0.91060 0.90210
0.86198 0.84906	0.86748 0.85506 1983	0. 873 02 0.86111 1984	0.87859 0.86720 1985	0.88420 0.87333 1986	0.88985 0.87951 1987	0.89349 0.88346 1988	0.89714 0.88744 1989	0.90081 0.89143 1990	0.90450 0.89543 1991	0,90820 0.89946 1992	0.91060 0.90210
0.86198 0.84906 1982 0.99948	0.86748 0.85506 1983 0.99950	0.87302 0.86111 1984 0.99951	0.87859 0.86720 1985 0.99952	0.88420 0.87333 1986 0.99953	0.88985 0.87951 1987 0.99954	0.89349 0.88346 1988 0.99956	0.89714 0.88744 1989 0.99957	0.90081 0.89143 1990 0.99958	0.90450 0.89543 1991 0.99958	0,90820 0.89946 1992 0,99959	0.91060 0.90210 1993 0.99959
0.86198 0.84906 1982 0.99948 0.99894	0.86748 0.85506 1983 0.99950 0.99896	0.87302 0.86111 1984 0.99951 0.99899	0.87859 0.86720 1985 0.99952 0.99901	0.88420 0.87333 1986 0.99953 0.99904	0.88985 0.87951 1987 0.99954 0.99906	0.89349 0.88346 1988 0.99956 0.99909	0.89714 0.88744 1989 0.99957 0.99911	0.90081 0.89143 1990 0.99958 0.99914	0.90450 0.89543 1991 0.99958 0.99915	0.90820 0.89946 1992 0.99959 0.99915	0.91060 0.90210 1993 0.99959 0.99916
0.86198 0.84906 1982 0.99948 0.99894 0.99835	0.86748 0.85506 1983 0.99950 0.99896 0.99839	0.87302 0.86111 1984 0.99951 0.99899 0.99843	0.87859 0.86720 1985 0.99952 0.99901 0.99847	0.88420 0.87333 1986 0.99953 0.99904 0.99851	0.88985 0.87951 1987 0.99954 0.99906 0.99856	0.89349 0.88346 1988 0.99956 0.99909 0.99860	0.89714 0.88744 1989 0.99957 0.99911 0.99865	0.90081 0.89143 1990 0.99958 0.99914 0.99869	0.90450 0.89543 1991 0.99958 0.99915 0.99869	0.90820 0.89946 1992 0.99959 0.99915 0.99869	0.91060 0.90210 1993 0.99959 0.99916 0.99870
0.86198 0.84906 1982 0.99948 0.99894 0.99835 0.99772	0.86748 0.85506 1983 0.99950 0.99896 0.99839 0.99778 0.99712	0.87302 0.86111 1984 0.99951 0.99899 0.99843 0.99783	0.87859 0.86720 1985 0.99952 0.99901 0.99847 0.99789	0.88420 0.87333 1986 0.99953 0.99904 0.99851 0.99795 0.99735	0.88985 0.87951 1987 0.99954 0.99906 0.99856 0.99802	0.89349 0.88346 1988 0.99956 0.99909 0.99860 0.99808	0.89714 0.88744 1989 0.99957 0.99911 0.99865 0.99814	0.90081 0.89143 1990 0.99958 0.99914 0.99869 0.99820	0.90450 0.89543 1991 0.99958 0.99915 0.99869 0.99820 0.99767	0.90820 0.89946 1992 0.99959 0.99915 0.99869 0.99820	0.91060 0.90210 1993 0.99959 0.99916 0.99870 0.99820
0.86198 0.84906 1982 0.99948 0.99894 0.99835 0.99772 0.99704	0.86748 0.85506 1983 0.99950 0.99896 0.99839 0.99778 0.99712 0.99641	0.87302 0.86111 1984 0.99951 0.99899 0.99843 0.99783 0.99720 0.99651	0.87859 0.86720 1985 0.99952 0.99901 0.99847 0.99789 0.99727	0.88420 0.87333 1986 0.99953 0.99904 0.99851 0.99735 0.99670	0.88985 0.87951 1987 0.99954 0.99906 0.99856 0.99802 0.99743 0.99680	0.89349 0.88346 1988 0.99956 0.99909 0.99860 0.99808 0.99751	0.89714 0.88744 1989 0.99957 0.99911 0.99865 0.99814 0.99759 0.99700	0.90081 0.89143 1990 0.99958 0.99914 0.99869 0.99820 0.99767 0.99709	0.90450 0.89543 1991 0.99958 0.99915 0.99869 0.99820 0.99767 0.99710	0.90820 0.89946 1992 0.99959 0.99915 0.99869 0.99768 0.99711	0.91060 0.90210 1993 0.99959 0.99916 0.99870 0.99820 0.99768 0.99712
0.86198 0.84906 1982 0.99948 0.99894 0.99835 0.99772 0.99704 0.99631	0.86748 0.85506 1983 0.99950 0.99896 0.99839 0.99778 0.99712 0.99641	0.87302 0.86111 1984 0.99951 0.99899 0.99843 0.99783 0.99720 0.99651	0.87859 0.86720 1985 0.99952 0.99901 0.99847 0.99789 0.99727 0.99660	0.88420 0.87333 1986 0.99953 0.99904 0.99851 0.99795 0.99735	0.88985 0.87951 1987 0.99954 0.99906 0.99856 0.99802 0.99743 0.99680	0.89349 0.88346 1988 0.99956 0.99909 0.99860 0.99808 0.99751 0.99690	0.89714 0.88744 1989 0.99957 0.99911 0.99865 0.99814 0.99759 0.99700	0.90081 0.89143 1990 0.99958 0.99914 0.99869 0.99820 0.99767 0.99709	0.90450 0.89543 1991 0.99958 0.99915 0.99869 0.99820 0.99767 0.99710	0.90820 0.89946 1992 0.99959 0.99915 0.99869 0.99768 0.99711	0.91060 0.90210 1993 0.99959 0.99916 0.99870 0.99820 0.99768 0.99712
0.86198 0.84906 0.99948 0.99894 0.99835 0.99772 0.99704 0.99631 0.99553 0.99469	0.86748 0.85506 1983 0.99950 0.99896 0.99839 0.99778 0.99641 0.99565 0.99483	0.87302 0.86111 1984 0.99951 0.99899 0.99843 0.99783 0.99720 0.99651 0.99577 0.99496	0.87859 0.86720 1985 0.99952 0.99901 0.99847 0.99789 0.99727 0.99660 0.99589 0.99510	0.88420 0.87333 1986 0.99953 0.99904 0.99851 0.99795 0.99670 0.99600 0.99524	0.88985 0.87951 1987 0.99954 0.99906 0.99856 0.99802 0.99743 0.99680 0.99612 0.99538	0.89349 0.88346 1988 0.99956 0.99909 0.99808 0.99751 0.99690 0.99623 0.99551	0.89714 0.88744 1989 0.99957 0.99911 0.99865 0.99814 0.99759 0.99635 0.99565	0.90081 0.89143 1990 0.99958 0.99914 0.99869 0.99767 0.99709 0.99647 0.99579	0.90450 0.89543 1991 0.99958 0.99915 0.99869 0.99767 0.99710 0.99649	0,90820 0,89946 1992 0,99959 0,99915 0,99869 0,99768 0,99711 0,99651	0.91060 0.90210 1993 0.99959 0.99916 0.99870 0.99820 0.99768 0.99712 0.99653
0.86198 0.84906 0.99948 0.99894 0.99835 0.99772 0.99631 0.99553 0.99469 0.99377	0.86748 0.85506 1983 0.99950 0.99896 0.99839 0.99778 0.99712 0.99641 0.99565 0.99483 0.99393	0.87302 0.86111 1984 0.99951 0.99899 0.99843 0.99783 0.99720 0.99651 0.99577 0.99496 0.99409	0.87859 0.86720 1985 0.99952 0.99901 0.99847 0.99789 0.99727 0.99660 0.99589 0.99510 0.99424	0.88420 0.87333 1986 0.99953 0.99904 0.99851 0.99795 0.99670 0.99600 0.99524 0.99441	0.88985 0.87951 1987 0.99954 0.99906 0.99856 0.99802 0.99743 0.99612 0.99538 0.99457	0.89349 0.88346 0.99956 0.99909 0.99860 0.99751 0.99623 0.99551 0.99473	0.89714 0.88744 1989 0.99957 0.99911 0.99865 0.99759 0.99700 0.99635 0.99565 0.99490	0.90081 0.89143 1990 0.99958 0.99914 0.99869 0.99820 0.99767 0.99709 0.99647 0.99579 0.99506	0.90450 0.89543 1991 0.99958 0.99915 0.99869 0.99767 0.99710 0.99649 0.99582 0.99510	0,90820 0,89946 1992 0,99959 0,99915 0,99869 0,99768 0,99711 0,99651 0,99586 0,99514	0.91060 0.90210 1993 0.99959 0.99916 0.99870 0.99820 0.99768 0.99712 0.99653 0.99589
0.86198 0.84906 0.99948 0.99835 0.99772 0.99704 0.99631 0.99553 0.99469 0.99377 0.99277	0.86748 0.85506 1983 0.99950 0.99896 0.99839 0.99778 0.99712 0.99641 0.99565 0.99483 0.99393 0.99295	0.87302 0.86111 1984 0.99951 0.99899 0.99843 0.99783 0.99720 0.99651 0.99577 0.99496 0.99409 0.99313	0.87859 0.86720 1985 0.99952 0.99901 0.99847 0.99789 0.99727 0.99660 0.99589 0.99510 0.99424 0.99331	0.88420 0.87333 1986 0.99953 0.99904 0.99851 0.99795 0.99670 0.99600 0.99524 0.99441 0.99350	0.88985 0.87951 1987 0.99954 0.99906 0.99856 0.99802 0.99743 0.99612 0.99538 0.99457 0.99370	0.89349 0.88346 0.99956 0.99909 0.99860 0.99751 0.99623 0.99551 0.99473 0.99389	0.89714 0.88744 1989 0.99957 0.99911 0.99865 0.99759 0.99700 0.99635 0.99565 0.99408	0.90081 0.89143 1990 0.99958 0.99914 0.99869 0.99820 0.99767 0.99709 0.99647 0.99579 0.99506 0.99427	0.90450 0.89543 1991 0.99958 0.99915 0.99869 0.99767 0.99710 0.99649 0.99582 0.99510 0.99432	0.90820 0.89946 1992 0.99959 0.99915 0.99869 0.99768 0.99711 0.99651 0.99586 0.99514 0.99437	0.91060 0.90210 1993 0.99959 0.99916 0.99870 0.99820 0.99768 0.99712 0.99653 0.99589 0.99519
0.86198 0.84906 0.99948 0.99835 0.99772 0.99704 0.99631 0.99553 0.99469 0.99377 0.99277 0.99170	0.86748 0.85506 1983 0.99950 0.99896 0.99839 0.99778 0.99712 0.99641 0.99565 0.99483 0.99393 0.99295 0.99190	0,87302 0,86111 1984 0,99951 0,99899 0,99843 0,99783 0,99720 0,99651 0,99577 0,99409 0,99313 0,99210	0.87859 0.86720 1985 0.99952 0.99901 0.99847 0.99789 0.99727 0.99660 0.99589 0.99510 0.99424 0.99331 0.99230	0.88420 0.87333 1986 0.99953 0.99904 0.99851 0.99735 0.99670 0.99600 0.99524 0.99441 0.99350 0.99252	0.88985 0.87951 1987 0.99954 0.99906 0.99856 0.99802 0.99743 0.99612 0.99538 0.99457 0.99370 0.99273	0.89349 0.88346 0.99956 0.99909 0.99860 0.99808 0.99751 0.99623 0.99551 0.99473 0.99389 0.99295	0.89714 0.88744 1989 0.99957 0.99911 0.99865 0.99814 0.99759 0.99635 0.99565 0.99490 0.99408 0.99317	0.90081 0.89143 1990 0.99958 0.99914 0.99869 0.99820 0.99767 0.99579 0.99579 0.99506 0.99427 0.99339	0.90450 0.89543 1991 0.99958 0.99915 0.99869 0.99820 0.99767 0.99710 0.99649 0.99582 0.99510 0.99432 0.99345	0.90820 0.89946 1992 0.99959 0.99915 0.99869 0.99768 0.99711 0.99651 0.99586 0.99514 0.99437 0.99351	0.91060 0.90210 1993 0.99959 0.99916 0.99870 0.99820 0.99768 0.99712 0.99653 0.99589 0.99519 0.99442 0.99357
0.86198 0.84906 0.84906 0.99948 0.99835 0.99772 0.99704 0.99631 0.99553 0.99469 0.99377 0.99277 0.99170 0.99053	0.86748 0.85506 1983 0.99950 0.99839 0.99778 0.99712 0.99641 0.99565 0.99483 0.99393 0.99295 0.99190 0.99075	0.87302 0.86111 1984 0.99951 0.99899 0.99843 0.99720 0.99651 0.99577 0.99409 0.99313 0.99210 0.99097	0.87859 0.86720 1985 0.99952 0.99901 0.99847 0.99727 0.99660 0.99589 0.99510 0.99424 0.99331 0.99230 0.99119	0.88420 0.87333 1986 0.99953 0.99904 0.99851 0.99795 0.99670 0.99600 0.99524 0.99441 0.99350 0.99252 0.99143	0.88985 0.87951 1987 0.99954 0.99906 0.99856 0.99802 0.99743 0.99680 0.99612 0.99538 0.99457 0.99370 0.99273 0.99167	0.89349 0.88346 0.99956 0.99909 0.99860 0.99808 0.99751 0.99623 0.99551 0.99473 0.99389 0.99295 0.99192	0.89714 0.88744 1989 0.99957 0.99911 0.99865 0.99814 0.99759 0.99635 0.99565 0.99490 0.99408 0.99317 0.99216	0.90081 0.89143 1990 0.99958 0.99914 0.99869 0.99820 0.99767 0.99579 0.99506 0.99427 0.99339 0.99241	0.90450 0.89543 1991 0.99958 0.99915 0.99869 0.99820 0.99767 0.99710 0.99649 0.99582 0.99510 0.99432 0.99345 0.99248	0.90820 0.89946 1992 0.99959 0.99915 0.99869 0.99768 0.99711 0.99651 0.99514 0.99437 0.99351 0.99256	0.91060 0.90210 1993 0.99959 0.99916 0.99870 0.99820 0.99768 0.99712 0.99653 0.99519 0.99442 0.99357 0.99264
0.86198 0.84906 0.84906 0.99948 0.99894 0.99877 0.99704 0.99631 0.99553 0.99469 0.99377 0.99277 0.99170 0.99053 0.98925	0.86748 0.85506 1983 0.99950 0.99839 0.99778 0.99712 0.99641 0.99565 0.99483 0.99393 0.99295 0.99190 0.99075 0.98949	0.87302 0.86111 1984 0.99951 0.99843 0.99720 0.99651 0.99577 0.99496 0.99409 0.99313 0.99210 0.99097	0.87859 0.86720 1985 0.99952 0.99901 0.99847 0.99727 0.99660 0.99589 0.99510 0.99424 0.99331 0.99230 0.99119 0.98997	0.88420 0.87333 1986 0.99953 0.99904 0.99851 0.99735 0.99670 0.99600 0.99524 0.99441 0.99350 0.99252 0.99143 0.99024	0.88985 0.87951 1987 0.99954 0.99906 0.99850 0.99802 0.99743 0.99680 0.99612 0.99538 0.99457 0.99370 0.99273 0.99167 0.99051	0.89349 0.88346 0.99956 0.99909 0.99860 0.99751 0.99623 0.99551 0.99473 0.99389 0.99295 0.99192 0.99078	0.89714 0.88744 1989 0.99957 0.99911 0.99865 0.99814 0.99759 0.99635 0.99565 0.99408 0.99317 0.99216 0.99105	0.90081 0.89143 1990 0.99958 0.99914 0.99869 0.99820 0.99767 0.99579 0.99566 0.99427 0.99339 0.99241 0.99132	0.90450 0.89543 1991 0.99958 0.99915 0.99869 0.99767 0.99710 0.99649 0.99582 0.99510 0.99432 0.99345 0.99345 0.99248 0.99142	0.90820 0.89946 1992 0.99959 0.99915 0.99869 0.99768 0.99711 0.99651 0.99586 0.99514 0.99437 0.99351 0.99256 0.99152	0.91060 0.90210 1993 0.99959 0.99916 0.99870 0.99712 0.99653 0.99589 0.99519 0.99442 0.99357 0.99264 0.99162
0.86198 0.84906 0.94906 0.99894 0.99835 0.99772 0.99631 0.99553 0.99469 0.99377 0.99277 0.99170 0.99053 0.98925 0.98786	0.86748 0.85506 1983 0.99950 0.99896 0.99839 0.99778 0.99641 0.99565 0.99483 0.99295 0.99190 0.99075 0.98849 0.98812	0.87302 0.86111 1984 0.99951 0.99899 0.99843 0.99720 0.99651 0.99577 0.99496 0.99409 0.99313 0.99210 0.99097 0.98838	0.87859 0.86720 1985 0.99952 0.99901 0.99847 0.99789 0.99727 0.99660 0.99589 0.99510 0.99424 0.99331 0.99230 0.99119 0.988997 0.98864	0.88420 0.87333 1986 0.99953 0.99904 0.99851 0.99795 0.99600 0.99524 0.99441 0.99350 0.99252 0.99143 0.99024 0.98894	0.88985 0.87951 1987 0.99954 0.99966 0.99856 0.99802 0.99612 0.99538 0.99457 0.99273 0.99167 0.99051 0.98925	0.89349 0.88346 0.99956 0.99909 0.99860 0.99751 0.99623 0.99551 0.99473 0.99389 0.99295 0.99192 0.99078	0.89714 0.88744 1989 0.99957 0.99911 0.99865 0.99700 0.99635 0.99565 0.99408 0.99317 0.99216 0.99105 0.98986	0.90081 0.89143 1990 0.99958 0.99914 0.99869 0.99767 0.99709 0.99647 0.99579 0.99576 0.99427 0.99339 0.99241 0.99132 0.99016	0.90450 0.89543 1991 0.99958 0.99915 0.99869 0.99767 0.99710 0.99649 0.99582 0.99510 0.99432 0.99345 0.99248 0.99142 0.99028	0.90820 0.89946 1992 0.99959 0.99915 0.99869 0.99768 0.99711 0.99651 0.99586 0.99514 0.99437 0.99351 0.99256 0.99152 0.99039	0.91060 0.90210 1993 0.99959 0.99916 0.99870 0.99820 0.99712 0.99653 0.99589 0.99519 0.99442 0.99357 0.99264 0.99162 0.99050
0.86198 0.84906 0.84906 0.99948 0.99835 0.99772 0.99704 0.99631 0.99553 0.99469 0.99377 0.99277 0.99170 0.99053 0.98925 0.98786 0.98634	0.86748 0.85506 1983 0.99950 0.99896 0.99878 0.99778 0.99565 0.99483 0.99295 0.99190 0.99075 0.98849 0.98812 0.98663	0.87302 0.86111 1984 0.99951 0.99899 0.99843 0.99720 0.99651 0.99577 0.99496 0.99409 0.99313 0.99210 0.99097 0.98838 0.98692	0.87859 0.86720 1985 0.99952 0.99901 0.99847 0.99789 0.99510 0.99589 0.99510 0.99424 0.99331 0.99230 0.99119 0.988997 0.98864 0.98722	0.88420 0.87333 1986 0.99953 0.99904 0.99851 0.99795 0.99670 0.99600 0.99524 0.99441 0.99350 0.99252 0.99143 0.99024 0.98894 0.98756	0.88985 0.87951 1987 0.99954 0.99906 0.99856 0.99802 0.99612 0.99538 0.99457 0.99370 0.99273 0.99167 0.99051 0.98925 0.98790	0.89349 0.88346 0.99956 0.99909 0.99860 0.99751 0.99623 0.99551 0.99473 0.99389 0.99295 0.99192 0.99078 0.98855 0.98824	0.89714 0.88744 1989 0.99957 0.99911 0.99865 0.99700 0.99635 0.99565 0.99408 0.99317 0.99216 0.99105 0.98868	0.90081 0.89143 1990 0.99958 0.99914 0.99869 0.99767 0.99709 0.99647 0.99579 0.99576 0.99427 0.99339 0.99241 0.99132 0.99016 0.98893	0.90450 0.89543 1991 0.99958 0.99915 0.99869 0.99767 0.99710 0.99649 0.99582 0.99510 0.99432 0.99345 0.99248 0.99142 0.99028 0.98904	0.90820 0.89946 1992 0.99959 0.99915 0.99869 0.99768 0.99711 0.99651 0.99586 0.99514 0.99437 0.99351 0.99256 0.99152 0.99039 0.98916	0.91060 0.90210 1993 0.99959 0.99916 0.99870 0.99820 0.99768 0.99712 0.99653 0.99589 0.99519 0.99442 0.99357 0.99264 0.99162 0.99050 0.98927
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0.86198 0.84906 0.84906 0.99948 0.99835 0.99772 0.99704 0.99631 0.99553 0.99469 0.99377 0.99277 0.99170 0.99053 0.98634 0.98469 0.98469 0.98469 0.98093	0.86748 0.85506 1983 0.99950 0.99839 0.99778 0.99712 0.99641 0.99565 0.99483 0.99295 0.99190 0.99075 0.98812 0.98663 0.98502 0.98327 0.98136	0.87302 0.86111 1984 0.99951 0.99899 0.99843 0.99720 0.99651 0.99577 0.99409 0.99313 0.99210 0.99097 0.98838 0.98692 0.98535 0.98364 0.98179	0.87859 0.86720 1985 0.99952 0.99901 0.99847 0.99727 0.99660 0.99589 0.99510 0.99424 0.99331 0.99230 0.99119 0.98997 0.98864 0.98722 0.98568 0.98402 0.98222	0.88420 0.87333 1986 0.99953 0.99904 0.99851 0.99735 0.99670 0.99524 0.99441 0.99350 0.99252 0.99143 0.99024 0.98894 0.98756 0.98606 0.98445 0.98268	0.88985 0.87951 1987 0.99954 0.99906 0.99856 0.99802 0.99743 0.99680 0.99612 0.99370 0.99457 0.99370 0.99273 0.99167 0.99051 0.98051 0.98645 0.98487 0.98315	0.89349 0.88346 0.99956 0.99909 0.99860 0.99808 0.99751 0.99623 0.99551 0.99473 0.99389 0.99295 0.99192 0.99078 0.98824 0.98683 0.98530 0.98361	0.89714 0.88744 1989 0.99957 0.99911 0.99865 0.99814 0.99759 0.99635 0.99565 0.99490 0.99408 0.99317 0.99216 0.99105 0.98858 0.98722 0.98572 0.98408	0.90081 0.89143 1990 0.99958 0.99914 0.99869 0.99820 0.99767 0.99506 0.99506 0.99427 0.99339 0.99241 0.99132 0.99016 0.98893 0.98615 0.98454	0.90450 0.89543 1991 0.99958 0.99915 0.99869 0.99767 0.99710 0.99649 0.99582 0.99510 0.99432 0.99345 0.99248 0.99142 0.99028 0.98771 0.98625 0.98463	0.90820 0.89946 1992 0.99959 0.99915 0.99869 0.99768 0.99711 0.99651 0.99514 0.99437 0.99351 0.99256 0.99152 0.98039 0.98782 0.98635 0.98472	0.91060 0.90210 1993 0.99959 0.99916 0.99870 0.99820 0.99768 0.99712 0.99653 0.99519 0.99442 0.99357 0.99264 0.99162 0.99050 0.98793 0.98645 0.98481
0.86198 0.84906 0.84906 0.99948 0.99835 0.99772 0.99704 0.99631 0.99553 0.99469 0.99277 0.99170 0.99053 0.98634 0.98469 0.98289 0.98093 0.97877	0.86748 0.85506 1983 0.99950 0.99839 0.99778 0.99712 0.99641 0.99565 0.99483 0.99295 0.99190 0.99075 0.98812 0.98663 0.98502 0.98327 0.98136 0.97926	0.87302 0.86111 1984 0.99951 0.99899 0.99843 0.99720 0.99651 0.99577 0.99409 0.99313 0.99210 0.99097 0.98838 0.98692 0.98535 0.98364 0.98179 0.97975	0.87859 0.86720 1985 0.99952 0.99901 0.99847 0.99727 0.99660 0.99589 0.99510 0.99424 0.99331 0.99230 0.99119 0.98997 0.98864 0.98722 0.98568 0.98402 0.98222 0.98025	0.88420 0.87333 1986 0.99953 0.99904 0.99851 0.99735 0.99670 0.99524 0.99441 0.99350 0.99252 0.99143 0.99024 0.98894 0.98756 0.98606 0.98445 0.98268 0.98075	0.88985 0.87951 1987 0.99954 0.99906 0.99856 0.99802 0.99743 0.99680 0.99612 0.99538 0.99457 0.99370 0.99273 0.99167 0.99051 0.98925 0.98645 0.98487 0.98315 0.98125	0.89349 0.88346 0.99956 0.99909 0.99860 0.99808 0.99751 0.99623 0.99551 0.99473 0.99389 0.99295 0.99192 0.99078 0.98683 0.98683 0.98530 0.98176	0.89714 0.88744 1989 0.99957 0.99911 0.99865 0.99814 0.99759 0.99635 0.99565 0.99408 0.99317 0.99216 0.99105 0.98858 0.98722 0.98572 0.98408 0.98226	0.90081 0.89143 1990 0.99958 0.99914 0.99869 0.99820 0.99767 0.99579 0.99566 0.99427 0.99339 0.99241 0.99132 0.99016 0.98893 0.98760 0.98893 0.98760 0.98815 0.98454 0.98277	0.90450 0.89543 1991 0.99958 0.99915 0.99869 0.99820 0.99767 0.99710 0.99649 0.99582 0.99510 0.99432 0.99345 0.99142 0.99028 0.99142 0.99028 0.98771 0.98625 0.98286	0.90820 0.89946 1992 0.99959 0.99915 0.99869 0.99768 0.99711 0.99651 0.99514 0.99514 0.99351 0.99351 0.99351 0.99866 0.99152 0.98039 0.98782 0.98635 0.98472 0.98295	0.91060 0.90210 1993 0.99959 0.99916 0.99870 0.99820 0.99768 0.99712 0.99653 0.99519 0.99442 0.99357 0.99264 0.99162 0.99050 0.98793 0.98645 0.98481 0.98304
0.86198 0.84906 0.84906 0.99948 0.99894 0.99877 0.99704 0.99631 0.99553 0.99469 0.99277 0.99170 0.99053 0.98634 0.98634 0.98469 0.98289 0.98093 0.97877 0.97640	0.86748 0.85506 1983 0.99950 0.99839 0.99778 0.99712 0.99641 0.99565 0.99483 0.99295 0.99190 0.99075 0.98812 0.98663 0.98502 0.98136 0.97926 0.97695	0.87302 0.86111 1984 0.99951 0.99899 0.99843 0.99720 0.99651 0.99577 0.99496 0.99313 0.99210 0.99097 0.98838 0.98692 0.98535 0.98179 0.97975	0.87859 0.86720 1985 0.99952 0.99901 0.99847 0.99789 0.99727 0.99660 0.99589 0.99510 0.99424 0.99331 0.99230 0.99119 0.98997 0.98864 0.98722 0.98402 0.98402 0.98222 0.98025 0.97806	0.88420 0.87333 1986 0.99953 0.99904 0.99851 0.99735 0.99670 0.99524 0.99441 0.99350 0.99252 0.99143 0.99024 0.98894 0.98756 0.98445 0.98268 0.98075 0.97861	0.88985 0.87951 1987 0.99954 0.99906 0.99856 0.99802 0.99743 0.99680 0.99612 0.99538 0.99457 0.99370 0.99273 0.99167 0.98051 0.98925 0.98487 0.98487 0.98315 0.98125 0.97916	0.89349 0.88346 0.99956 0.99909 0.99860 0.99808 0.99751 0.99623 0.99551 0.99473 0.99389 0.99295 0.99192 0.99078 0.98683 0.98530 0.98361 0.98176 0.97972	0.89714 0.88744 1989 0.99957 0.99911 0.99865 0.99814 0.99759 0.99635 0.99565 0.99408 0.99317 0.99216 0.99105 0.98858 0.98858 0.98572 0.98572 0.98408 0.98226 0.98027	0.90081 0.89143 1990 0.99958 0.99914 0.99869 0.99820 0.99767 0.99579 0.99566 0.99427 0.99339 0.99241 0.99132 0.99016 0.98893 0.98615 0.98454 0.98277 0.98082	0.90450 0.89543 1991 0.99958 0.99915 0.99869 0.99820 0.99767 0.99710 0.99649 0.99582 0.99510 0.99432 0.99345 0.99248 0.99142 0.99028 0.9804 0.98771 0.98625 0.98286 0.98092	0.90820 0.89946 1992 0.99959 0.99915 0.99869 0.99768 0.99711 0.99651 0.99586 0.99514 0.99437 0.99351 0.99256 0.99152 0.99039 0.98916 0.98635 0.98472 0.98295 0.98101	0.91060 0.90210 1993 0.99959 0.99916 0.99870 0.99820 0.99768 0.99712 0.99653 0.99589 0.99519 0.99442 0.99357 0.99264 0.99162 0.99050 0.98927 0.98793 0.98645 0.98481 0.98304 0.98111
0.86198 0.84906 0.84906 0.99948 0.99835 0.99772 0.99704 0.99631 0.99553 0.99469 0.99377 0.99170 0.99053 0.98786 0.98634 0.98469 0.98289 0.98093 0.97877 0.97640 0.97381	0.86748 0.85506 1983 0.99950 0.99896 0.99878 0.99778 0.99565 0.99483 0.99295 0.99190 0.99075 0.98812 0.98663 0.98502 0.98502 0.97926 0.97695 0.97442	0.87302 0.86111 1984 0.99951 0.99899 0.99843 0.99720 0.99651 0.99577 0.99496 0.99313 0.99210 0.99097 0.98838 0.98692 0.98535 0.98179 0.97751 0.97751	0.87859 0.86720 1985 0.99952 0.99901 0.99847 0.99727 0.99660 0.99589 0.99510 0.99424 0.99331 0.99230 0.99119 0.98997 0.98864 0.98722 0.98568 0.98402 0.98222 0.98025	0.88420 0.87333 1986 0.99953 0.99904 0.99851 0.99795 0.99600 0.99524 0.99441 0.99350 0.99252 0.99143 0.99024 0.98894 0.98756 0.98268 0.98268 0.98075 0.97626	0.88985 0.87951 1987 0.99954 0.99906 0.99856 0.99802 0.99743 0.99612 0.99538 0.99457 0.99253 0.99167 0.99051 0.98925 0.98790 0.98487 0.98315 0.98125 0.97916 0.97687	0.89349 0.88346 0.99956 0.99909 0.99860 0.99623 0.99551 0.99473 0.99389 0.99295 0.99192 0.99078 0.98824 0.98683 0.98530 0.98361 0.98176 0.97972	0.89714 0.88744 1989 0.99957 0.99911 0.99865 0.99700 0.99635 0.99565 0.99408 0.99317 0.99216 0.99105 0.98858 0.98722 0.98572 0.98408 0.98226 0.98027 0.97809	0.90081 0.89143 1990 0.99958 0.99914 0.99869 0.99820 0.99767 0.99579 0.99579 0.99586 0.99427 0.99339 0.99241 0.99132 0.99016 0.98893 0.98615 0.98454 0.98277 0.98082 0.97870	0.90450 0.89543 1991 0.99958 0.99915 0.99869 0.99767 0.99710 0.99649 0.99582 0.99510 0.99432 0.99345 0.99248 0.99142 0.99028 0.98711 0.98625 0.98463 0.98286 0.98992 0.97880	0.90820 0.89946 1992 0.99959 0.99915 0.99869 0.99768 0.99711 0.99651 0.99586 0.99514 0.99437 0.99351 0.99256 0.99152 0.99039 0.98472 0.98635 0.98472 0.98635 0.98472 0.98295 0.98101 0.97891	0.91060 0.90210 1993 0.99959 0.99916 0.99870 0.99820 0.99768 0.99712 0.99653 0.99589 0.99519 0.99442 0.99357 0.99264 0.99162 0.99050 0.98927 0.98793 0.98645 0.98481 0.98304 0.98111 0.97901

0.96796	0.06871	0.06046	0.97021	0.97096	0.97172	0.97247	0.97323	0.97398	0.97411	0.97423	0.97436
0.96474	0.96556	Strategical	0.96720	0.96804	0.96888	0.96973	0.97057	0.97141	0.97154	0.97167	0.97179
0.96129	0.96219	0.96310	945 01 00		0.96586	0.96679	0.96772	0.96864	0.96878	0.96891	0.96904
100	0.95219	0.95960		0.96162	0.96263	0.96363	100	0.96565	0.96580	0.96594	0.96609
0.95757		0.95583		a Marian Sana Sana Sana Sana		0.96022	0.96130	0.96239	0.96256	0.96273	0.96290
0.95354	0.95469	0.95174	1701 R 27 25 144 5 2	0.95418	VII.	0.95651		0.95884	0.95905	0.95926	0.95948
0.94918	0.95046	.,			A Mile Property	0.95247			0.95524	0.95550	0.95577
0.94446		0.94730		0.94538		A. Charles and a second		0.95076	0.95108	0.95140	0.95172
0.93929	The state of the s		. 4		1000		The State of			0.94691	0.94728
0.93363	0.93539	0.93715		A STATE OF THE PARTY OF THE PAR	A LONG TO STATE	0.93807	W. Navedonia optic				0.94243
0.92739	0.92936	0.93133		0.93490		100000000000000000000000000000000000000	0.93415		and the same of		0.93719
0.92054	0.92273	The state of the s	200000000000000000000000000000000000000		0.93063		THE STATE OF THE PARTY.	0.5	A Company of the last		
0.91301	0.91543	0.91785	0.92028	0.92224	0.92421	0.92617					
0.90474	0.90740	0.91006	0.91273	0.91493	0.91714	0.91935	0.92150	0.92378	0.92450	0.92401	0.92532

1994	1995
0.99960	0.99960
0.99916	0.99917
0.99870	0.99870
0.99820	0.99820
0.99768	0.99768
0.99713	0.99714
0.99655	0.99658
0.99592	0.99596
0.99523	0.99527
0.99447	0.99451
0,99363	0.99369
0.99272	0.99279
0.99171	0.99181
0.9906	0.99072
0.98939	0.98950
0.98804	0.98815
0.9865	0.98664
0.9849	
0.9831	
0.9812	10
0.9791	
0.9768	
0.9744	0.97461
0.9719	
0.9691	7 0.96930
0.9662	3 0.96638
0.9630	7 0.96325
0.9596	9 0.95990
0.9560	4 0.95630
0.9520	0.95235
0.9476	0.94800
0.9428	1,450
0.9376	
0.9319	0.93244
0.9258	0.92635

145	1047	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957
Aged 45	1947	0.99237	0.99295	0.99352	0.99410	0.99445	0.99480	0.99515	0.99550	0.99564	0.99578
45	0.99180	The state of the s	0.98560	0.98672	0.98785	0.98856	0.98927	0.98998	0.99069	0.99097	0.99125
46	0.98335	0.98447	0.98300	0.97953	0.98120	0.98225	0.98330	0.98435	0.98540	0.98584	0.98628
47	0.97453	0.96738	0.96961	0.97185	0.97410	0.97547	0.97684	0.97822	0.97960	0.98023	0.98087
48	0.96515	0.95799	0.96085	0.96373	0.96661	0.96830	0.96999	0.97168	0.97338	0.97422	0.97507
49	0.95513	0.93799	0.95165	0.95524	0.95884	0.96084	0.96284	0.96484	0.96685	0.96789	0.96893
50	0.94451	0.93769	0.93105	0.94623	0.95053	0.95289	0.95525	0.95762	0.95999	0.96120	0.96241
51	0.93343	0.92682	0.93170	0.93661	0.94154	0.94430	0.94708	0.94986	0.95265	0.95403	0.95541
52	0.92196	0.92682	0.92097	0.92648	0.93201	0.93517	0.93835	0.94153	0.94473	0.94628	0.94784
53	0.91007	0.90375	0.90981	0.91591	0.92205	0.92559	0.92915	0.93272	0.93630	0.93804	0.93978
54	0.88482	0.89141	0.89805	0.90474	0.91148	0.91544	0.91942	0.92342	0.92744	0.92935	0.93127
55	0.87098	0.87818	0.88543	0.89275	0.90012	0.90457	0.90903	0.91352	0.91803	0.92012	0.92222
56	0.85620	0.86395	0.87177	0.87966	0.88762	0.89263	0.89767	0.90274	0.90783	0.91011	0.91239
57 58	0.83020	0.84880	0.85719	0.86566	0.87422	The second second	0.88535	0.89097	0.89663	0.89913	0.90163
59	0.84030		0.84184	0.85104	0.86033	The second second	0.87235	0.87841	0.88453	0.88724	0.88996
60	0.82573	0.83273	0.82544	0.83555	0.84579		0.85863	0.86512	0.87166	0.87458	0.87751
1	0.80557		0.80767	0.81880	0.83009		0.84385	0.85082	0.85784	0.86097	0.86412
61 62	0.76484		0.78868	0.80087	0.81325		0.82786	0.83526	0.84273	0.84613	0.84955
	0.74322		0.76893	0.78212	0.79553		0.81078	0.81852	0.82633	0.83001	0.83370
63	0.74322		0.74746	0.76140		and the second	Law Charles Co.	0.80041	0.80885	0.81275	0.81667
64	0.72054	0.75577	0. 1912-10	0.70140	0.77200						
1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
0.99593	0.99607	0.99621	0.99635	0.99648	0.99662	0.9967	0.99689	0.99699	0.99709	0.99720	0.99730
0.9915	1000	0.99208	11.00	0.99264	0.99292	0.99320	0.99348	0.99370	0.99393	0.99415	0.99437
0.9867	0.98716	0.98760	0.98803	0.98847	0.98890	0.98933	0.98977	0.99011	0.99046	0.99081	0.99116
0.98150		0.98277		0.98395	0.98454	0.98513	0.98572	0.98619	0.98667	0.98714	The second secon
0.9759	0.97676		The second of	0.97910	1	0.98061	0.98136	0.98196	0.98255	0.9831.	
0.9699		0.97206		0.97392	0.97485	0.97578	0.97672	0.97743	0.97814	0.97886	
0.9636		0.96606		0,96834	0.96947	0.9706	0.97176	0.97259	0.97343	0.97426	7 TO 1 TO
0.9567		0.95956	0.96092	0.96229	0.9636	0.96502	0.96639	0.96737	0.96834		
0.9493				0.95572	0.95733	0.95894	0.96050	0.96167		0.96392	
0.9415	- Chamber	0.94501	0.94685	0.94869	0.95053	0.95238	0.95423	0.95549		I The state of the	
0.9332			0.93911	0.94117	0.94324	0.9453	0.94738	0.94880		A CONTRACTOR	1
0.9243	2 / Washington	We the Star High	0.93081	0.93309	0.93538	0.9376		A CANADA CONTRACTOR OF	The second second		
0.9146	0.91698	0.91928	0.92179	0.9243	0.9268					A PROPERTY OF THE PARTY OF THE	The second secon
0.9041	The state of the s	0.90918	0.91190	0.9147	0.9175	6 0.9203				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A CONTRACTOR OF THE PARTY OF TH
0.8926		0.89818	0.90127	0.9043	0.9074			0.91599			
0.8804	4 0.88339	0.8863	0.88976	0.8931	0.8966	2 0.9000	0.9035		1	The state of the s	
0.8672	8 0.8704	0.87363	0.87735	0.8810	0.8848	4 0.8886	0.8923	The second secon	1		
0.8529	8 0.8564	0.85988	0.86389	0.8679	0.8719	8 0.8760	0.8801		THE WAR THE PARTY	The second second	
0.8374	2 0.8411	0.84490	0.84922	0.8535	6 0.8579	3 0.8623	0.8667		A Comment of the Comm	All the beautiful to the last	C. C
0.8206	1 0.8245	0.8285	0.83319	0.8378	5 0.8425	4 0.8472	0.8520	0.8553	0.8586	0.8619	6 0.86530
			-						1000	1 1000	1001
1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
0.9974	The second second second	CONTRACTOR OF THE PARTY OF THE		A CONTRACTOR OF THE PARTY OF TH	7.0						and the second section of
0.9946		- Care	The same of the sa	Carlo Star of	A STATE OF THE PARTY OF THE PAR					The state of the s	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
0.9915	0.9918		the second secon	The second second	AN TETAVI GOVE	C. C	A CONTRACTOR				1
0.9880	0.9885			1	100 TO STATE OF THE STATE OF TH	and the same of th		Cartes Continue			140
0.9843	0.9849							to the same of	A CONTRACTOR		
0.9802								119	The second second	The second second	
0.000	0.9768										
0.9712	7 0.9723	4 0.9734	1 0.9744	9 0.9755	0.9766	0.9774	0.9781	5 0.9789	1 0.9796	0.9804	3 0.98090

											- 01	32
1	0.96617	0.96742	0.96867	0.96993	0.97118	0.97244	0.97335	0.97427	0.97518	0.97610	0.97702	0.97756
1	0.96058	0.96205	0.96351	0.96498	0.96646	0.96793	0.96901	0.97009	0.97117	0.97226	0.97334	0.97397
1	0.95449	0.95621	0.95792	0.95964	0.96136	0.96309	0.96434	0.96559	0.96684	0.96810	0.96935	0.97009
١	0.94791	0.94989	0.95187	0.95386	0.95585	0.95785	0.95928	0.96071	0.96214	0.96357	0.96501	0.96588
١	0.94086	0.94311	0.94537	0.94763	0.94989	0.95216	0.95378	0.95541	0.95704	0.95867	0.96031	0.96132
١	0.93329	0.93582	0.93835	0,94089	0.94344	0.94599	0.94783	0.94968	0.95152	0.95338	0.95523	0.95638
1	0.92500	0.92784	0.93069	0.93355	0.93642	0.93929	0.94136	0.94343	0.94551	0.94759	0.94967	0.95099
1	0.91577	0.91900	0.92224	0.92550	0.92876	0.93204	0,93433	0.93663	0.93893	0.94124	0.94355	0.94505
- 1	0.90550	0.90920	0.91291	0.91664	0.92039	0.92415	0.92666	0.92919	0.93172	0.93425	0.93680	0.93851
	0.89418	0.89840	0.90264	0.90691	0.91119	0.91550	0.91826	0.92104	0.92382	0,92661	0.92941	0.93134
	0.88188	0.88665	0.89144	0.89625	0.90110	0.90597	0.90902	0.91208	0.91515	0.91823	0.92132	0.92349
	0.86866	0.87395	0.87928	0.88463	0.89002	0.89544	0.89882	0.90221	0.90561	0.90903	0.91246	0.91486
3	010000		-				****					
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
	0.99833	0.99836	0.99840	0.99844	0.99848	0.99853	0.99857	0.99862	0.99866	0.99865	0.99865	0.99864
	0.99651	0.99659	0,99668	0.99676	0.99685	0.99693	0.99702	0.99711	0.99719	0.99718	0.99716	0.99714
	0.99051	0.99466	0.99480	0.99494	0.99506	0.99519	0.99532	0.99544	0.99557	0.99554	0.99552	0.99549
	0.99233	0.99253	0.99274	0.99294	0.99311	0.99327	0.99344	0.99361	0.99377	0.99375	0.99372	0.99370
	0.98993	0.99019	0.99046	0.99072	0.99094	0.99116	0.99137	0,99159	0.99181	0.99179	0.99177	0.99175
	0.98730	0.98763		0.98829	0.98856	0.98883	0.98911	0.98938	0.98965	0.98965	0.98964	0.98963
	0.98443	0.98483	and the state of the same of	0.98563	0.98597	0.98631	0.98665	0.98700	0.98734	Section 12 in the second	0.98735	0.98736
	0.98136		0.98230	0.98277	0.98319	0.98362	0.98404	0.98447	0.98489		0.98491	0.98493
	0.97810	0.97864	0.97918	0.97972	0.98024	0.98075	0.98126	0.98178	0.98229	0.98230	0.98232	0.98233
	0.97460	0.97523	75-	0.97649	0.97709	0.97769	0.97829	0.97889	0.97949	0.97951	0.97953	0.97955
	0.97083	0.97157		0.97305	0.97373	0.97442	0.97510	0.97578	0.97646		0.97653	0.97656
	0.96675	0.96762	0.96849	0.96937	0.97012	0.97088	0.97164	A Company of the Comp	0.97316		0.97328	0.97335
	0.96233	0.96334	0.9643	0.96536	0.96620	0.96704	0.96789	0.96873	and a distance of	70770 05070	0.96978	0.96988
	0.95754	0.95869	0.95985	0.96101	0.96194	0.96287	0.96380	The same of the control of the contr	The state of the s	The state of the s	0.96598	0.96614
	0.95230	0.95362	The second second second	0.95626	0.95729	0.95832	0.95935		 myrearchill 	and the second		
	0.94650	0.9480	0.9495	0.95108	0.9522					1	The Part of the Pa	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	0.94023	0.9419	0.9436	0.94540	0.9466	0.9479					The second second	0.95265
	0.93329		0.9371	0.93913	0.9405	0.94203	1	and the second		12 90 33 50	The Part of the Control of the Contr	V
	0.92560	0.9278	0.9300	0.93220	0.9338	The second secon	The second secon				The second second	The second secon
	0.9172	0.9196	9 0.9221	0.9245	0.9264	6 0.9283	7 0.9302	0.93220	0.93413	0.93454	0.93495	0.93536

1994	1995
0.99864	0.99863
0.99713	0.99711
0.99547	0.99545
0.99367	0.99365
0.99173	0.99171
0.98962	0.98962
0.98736	0.98737
0.98494	0.98495
0.98235	0.98236
0.97957	0.97959
0.97660	0.97663
0.97341	0.97347
0.96999	0.97009
0.96629	0.96645
0.96225	0.96246
0.95780	0.95806
0.95294	0.95323

0.94768 0.94800 0.94197 0.94233 0.93577 0.93618

	1047	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957
Aged 60	1947	0.97922	0.98051	0.98180	0.98310	0.98369	0.98428	0.98487	0.98546	0.98573	0.98601
60	0.97793	0.91922	0.98031	0.96212	0.96484	0.96609	0.96733	0.96858	0.96983	0,97040	0.97096
61	0.95400		0.93685	0.90212	0.94528	0.94714	0.94901	0.95088	0.95275	0.95367	0.95459
62	0.92849	0.93266		0.94103	0.92468	0.92705	0.92943	0.93181	0.93420	0.93549	0.93679
63	0.90224	0.90780	0.91339	71.7	0.92400		0.90796	0.91119	0.91444	0.91605	0.91765
64	0.87446	0.88115	0.88789	0.89467	0.90134	0.70412	0.20120	0.71112	0.51114		
					10.0	1064	1005	1066	1967	1968	1969
1958	1959	1960	1961	1962	1963	1964	1965	1966			
0.98628	0.98656	0.98683	0.98723	0.98763	0.98802	0.98842	0.98882	0.98906	0.98930	0.98954	0.98978
0.97153	0.97210	0.97267	0.97346	0.97425	0.97504	0.97583	0.97662	0.97708	0.97753		0.97845
0.95551	0.95644	0.95736	0.95853	0.95970	0.96087	0.96204	0.96322	0.96391		0.96529	0.96598
0.93808	0.93938	0.94068	0.94225	0.94382	0.94539	0.94696	0.94854		0.95047	0.95144	
0.91926	0.92087	0.92248	0.92446	0.92644	0.92843	0.93043	0.93242	0.93375	0.93509	0.93642	0.93775
1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
0.99002				0.99183	0.99228	0.99254	0.99279	0.99305	0.99330	0.99356	0.99376
0.97891		0.98089	1		0.98388	0.98439	0.98490	0.98542	0,98593	0.98645	0,98688
0.96668						0.97546	0.97626	0.97706	0.97786	0.97866	0.97935
0.95338	1			100	1	0.96564	0.96677	0.96789	0.96902	0.97015	0.97109
0.93909	1		1		1	0.95481	0.95631	0.95781	0.95931	0.96082	0.96202
0.9390	0.54152	0,2411.	0121100								
1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
								0.99519	0.99524	0.99529	0.99533
0.9939	1 0/22 12	0112 10	7-7765-155-1	1		1	1	0.99000	0.99008	0.9901	0.99025
0.9873	л U 978 / /(JULY004	0.90004			1	1	1	1	0.98462	0,98474
1		0.0014	0.00000	0 08259	า ก ดยวกก	1 () 9X426	1 0 90 29	1 U.70430	U. 704J	J 0.3040	1 0,20477
0,9800	0.9807	1		1	1		1		1	1	
1	0.98072 0.9729	0.9739	0.97484	0.97553	0.97622	0.97691	0.97760	0.97829	0.9784	0.9786	0.97877

1994	1995
0.99538	0.99543
0.99033	0.99041
0.98486	0.98498
0.97893	0.97909
0,97248	0.97269

Table C-7: Male Labour Force by Age Groups (ten thousand)

	Table	C-7: NI	aie Lai	OUL L	orce by	Age o	uoubs	CECAR CAR	OFFICERE			
I	Year	14~19	20~24	25~29	30~34	35~39	40~44	45~49	50~54	55~59	60~64	Total
Ì	1948	203	999	*	*	*	821	*	*	*	*	2,023
1	1949	201	1,017	*	*	*	842	*	*	*	*	2,060
١	1950	279	1,015		*	*	806	*	*	*	*	2,100
١	1951	261	0 1		*	*	817	*	*	*	*	2,116
1	1952	262	1)	*	*	850	*	*	*	*	2,168
	1953	281	1	l	*	*	868	*	*	*	*	2,235
	1954	260			*	*	892	*	*	*	*	2,240
	1955	278	N 2		*	*	888		*	*	*	2,296
- 4	1722	210	1,100	Philippine and the second								

Year	15~19		25~29	30~34	35~39	40~44	45~49	50~54	55~59	60~64	Total
1955	258	20~24	*	*	*	902	*	*	非	*	2,309
1956	251	1,196	*	38	ak	914	*	*	*	ж	2,361
1957	243	1,242	*	*	*	943	*	*	*	*	2,428
1958	245	1,272	*	*	*	932	*	*	*	*	2,449
1959	247	336	363	350	260	226	229	195	171	120	2,497
1960	234	325	360	368	275	239	234	205	177	127	2,544
1961	215	329	384	369	297	230	233	204	172	127	2,560
1962	216	377	395	373	315	225	217	202	165		2,613
1963	208	384	393	382	334	232	214	204	165		2,647
1964	194	400	392	380	355		210	206	168		2,684
1965	201	400	395	386	363	259	212	210	171	135	2,732
1966	222	383	401	388			215	209	179		2,785
1967	209	372	413	409	380	307	219	209	315		2,833
1968	198	391	423	411	392		230	209	184		2,900
1969	169	405	439	403			243	205	187		2,932
1970	148					357	257	206	100000000000000000000000000000000000000		
1971	137	465		406				208		* 200 0000	
1972	116			421			306		188		3,041
1973	105		1,000	439			324		188		
1974	97	262.00		458							
1975	83		521	454		10000000	351				
1976	77						362		190		
1977	74		And the second s	1000000		The state of the s	373				
1978	74						300,3000		1 17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
1979	74										
1980	73						1				
1981	73		419								
1982	77				1000						
1983	84										
1984	82			2007000		107400	0.000	5.000			1,575.50
1985	79				14 SONE 34		420000	- H20000	10000000		
1986	86				190000						10 AND 10 TO SEE
1987	86						1	2000			
1988	8								4		
1989	8	1									
1990 1991	9/										
1991	90	1007/04	The Control of					100			
1992	9			100000000000000000000000000000000000000	G			(4170):			
1993	8				7.8		1) L				- 100 Tale 200 Tale
1994	79					7.70	5 (0.000)	277.5	2000	All Profession	1000000

Sources: Somucho Tokei Kyoku (the Statistics Bureau, Management and Coordination Agency), (1987), Nihon Chokitokei Soran (Historical Statistics of Japan), Nihon Tokei Kyokai (Japan Statistical Association), Vol. 1, pp. 376-377.

Somucho Tokei Kyoku (the Statistics Bureau, Management and Coordination Agency), Rodoryoku Chosa Nenpo (Annual Report on the Labour Force Survey), Various Years.

Table C-8: Males Not in the Labour Force by Age Groups (ten thousand)

Year	14~19	20~24	25~29	30~34	35~39	40~44	45~49	50~54	55~59	60~64	65~	Total
1948	220			*	sk	50	*	*	*	*	90	407
1			l .	*	*	52	*	*	*	*	84	429
1949	236		1	*	*		*	*	*	*	87	443
1950	236	51	*	*		69					- 1	
1951	242	52	*	*	*	68	*	*	*	*	86	
1952	248	61	*	*	*	62	*	*	*	*	86	457
1953	227		*	*	*	61	*	*	*	ak .	78	430
1				*	*	64	*	3/4	*	*	84	455
1954	240		1	*	*	68		*	*	*	87	467
1955	242	70	1 *			1 08						407

Year	15~19	20~24	25~29	30~34	35~39	40~44	45~49	50~54	55~59	60~64	65~	Total
1955	174	71	*	*	*	69	*	*	*	*	88	402
1956	188	72	*	36	*	64	*	*	*	*	92	416
1957	192	74	*	*	*	61	*	*	*	*	91	418
1958	211	85	*	*	*	71	*	*	sk :	*	91	458
1959	214	49	18	13	9	8	10	12	20	20	104	477
1960	209	44	1000	13	11	8	10	11	22	29	108	481
1961	206	49	17	12	10	9	9	12	21	28	112	485
1962	247	56	16	11	9	7	8	11	18		105	513
1963	283	61		12	11	8	8	11	19		111	568
1964	326	66	13	11	10	8	8	11	18		116	615
1965	352	65		11	13	8	8	- 11	19	100503	119	645
1966	363	64	13	11	11	8	8	10	19		125	660
1967	357	72	14	10	10		7	13			133	672
1968	337	84	10		8	8					145	
1969	331	98	11	8	9		7				152	
1970	323			5	9	9	7	8			162	691
1971	309	106		1	■ 100	8	8	8	15		170	682
1972	307	102			1 8	8	8	9		1		
1973	311									Sept. 163	189	200
1974	313										200	727
1975	322					8			1			
1976	325							1		100	14.00	
1977	330		4			9	1					5,020,000
1978	334				3 8	3 8						
1979	337						0.000					
1980	347					\$ 5						
1981	345				1	7 8	1				0.500.000.00	
1982	349				1		1		(4) (A) (A)			
1983	354					7 8			58	4.45		1 0000000
1984	367				9 1							1000000
1985	37				1		1					
1986	39°				9 1							
1987	11.00							70.0			1	
1988	417						9	9 1		- 90		
1989	419			2		9 9 8 1		.7		7.5	100000	
1990	419					8 1		8 1		9.4	100000000000000000000000000000000000000	2011 200
1991 1992	400							8 1			20,100	- District Co. 1975
1992	38							9 1		1		
1993	37.	68		0.1		7 1		1	1			
1994	36.	34		S1 1		8 1						
1993	1 30.	4 13	4 1	9		1	1			1		,

Source: Somucho Tokei Kyoku (the Statistics Bureau, Management and Coordination Agency), Rodoryoku Chosa Nenpo (Annual Report on the Labour Force Survey), Various Years.

Table C-9: Unemployed Males by Age Groups (ten thousand)

Aunt	tuble C >1 Chemps										
Year	14~19	20~24	25~29	30~34	35~39	40~44	45~49	50~54	55~59	60~64	Total
1948	2	6	*	*	*	7	*	*	*	*	15
1949	2	12	*	*	*	8	*	*	*	*	22
1950	5	13	*	*	*	10	*	*	*	*	28
1951	4	12		*	*	8	*	*	*	*	24
1952	5	14		*	*	11	*	*	*	*	30
1953	5	12	1	*	*	9	*	*	*	*	26
1954	4	17	*	*	*	11	*	*	*	*	32
1955	6	19	*	*	*	13	*	*	*	*	38

XZ	15 10	20~24	25~29	30~34	35~39	40~44	45~49	50~54	55~59	60~64	Total
Year	15~19		*	*	*	13	*	*	*	*	38
1955	5	20	*	*	*	11	*	*	*	*	34
1956	6	17	*	*	*	9	*	*	*	*	
1957	4	13 17	*	*	*	11	*	*	*	*	26 32
1958	4		*	*	*	10	sk	*	*	*	32
1959 1960	5	100,0		*	*	7	*	*	*	*	23
1961	4		*	*	*	6	*	*	*	*	20
1961	3 3 3 3 3 3	9	*	*	*	6		*	*	*	18
1962	3	11	*	*	*	6		*	*	*	20
1964	3	9	*	*	*	6		*	*	*	18
1965	1 3	10	*	*	*	5	*	*	*	*	18
1966	3	lii	*	*	*	7	*	*	*	*	21
1967	6	18	*	*	*	12		*	*	*	36
1968	5			*	*	12	*	*	*	*	35
1969	1 2	90		*	*	12	*	*	*	*	36
1970	4			*	*	12		*	*	*	36
1971	2	22	*	*	*	14		*	*	*	40
1972	1 2	26	*	*	*	17	*	*	*	*	47
1973	2	23	*	*	*	14	1 *	*	*	*	41
1974	1 2	2.0	*	*	*	10	*	3 6	*	*	45
1975	1 2	3.59		*	*	26	*	*	*	*	63
1976	14	*	26	*	*	17	*	*	12	7 *	74
1977	1.5	*	25	*	*	10	*	*	17	7 *	73
1978	10	*	27	*	*	19	*	*	19		81
1979	13	*	25	*	*	10	*	*	20	1	74
1980	14	4 *	24		*	1.5		*	19	1	72
1981	1.	*	20		*	18		*	23		81
1982		10	10	1	i (5 19		*	19		80
1983		1				2		*	22		91
1984		7 1			1	9 2		*	24		91
1985		7 1						*	2		89
1986	1 11	7 13		9 9	1			*	20		96
1987	1 :	8 13			9 1		1	*	2		102
1988		7 1:				9 19	1	*	2		88
1989		7 1:	2 8			7 1	1	*	2		79
1990	1 '	7 1:	2 8			6 1		*	2		75 73
1991	1	7 1	4 8	8 (6	5 1	s *	*	1	8 *	1 73

1992	7	14	9	6	d	16	36:	*	20	*	78
1993	7	16	11	7	7	20	*	*	24	*	92
1994	7	19	13	8	7	25	ajc	*	29	*	108
1995	7	21	16	9	7	27	ж	*	29	*	116

Source: Somucho Tokei Kyoku (the Statistics Bureau, Management and Coordination Agency), Rodoryoku Chosa Nenpo (Annual Report on the Labour Force Survey), Various Years.

Table C-10: Rate of Male Unemployment by Age Groups

177	14 10	20. 24	25 20	20 24	25 20	40 44	45.40	5054	5550	60~64	Total
Year	14~19							-			
1948	0.010	0.006	0.006	0.006	0.006	0.009	0.009	0.009	0.009	0,009	0.007
1949	0.010	0.012	0.012	0.012	0.012	0.010	0.010	0.010	0.010	0.010	0.011
1950	0.018	0.013	0.013	0.013	0.013	0.012	0.012	0.012	0.012	0.012	0.013
1951	0.015	0.012	0.012	0.012	0.012	0.010	0.010	0.010	0.010	0.010	0.011
1952	0.019	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.014
1953	0.018	0.011	0.011	0.011	0.011	0.010	0.010	0.010	0.010	0.010	0.012
1954	0.015	0.016	0.016	0.016	0.016	0.012	0.012	0.012	0.012	0.012	0.014
1955	0.022	0.017	0.017	0.017	0.017	0.015	0.015	0.015	0.015	0.015	0.017

							15 10	50 51	55 50	60 64	m . 1
Year	15~19	20~24	25~29	30~34	35~39	40~44	45~49	50~54	55~59	60~64	Total
1955	0.019	0.017	0.017	0.017	0.017	0.014	0.014	0.014	0.014	0.014	0.016
1956	0.024	0.014	0.014	0.014	0.014	0.012	0.012	0.012	0.012	0.012	0.014
1957	0.016	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.011
1958	0.016	0.013	1 11111	0.013	0.013	0.012	0.012	0.012	0.012	0.012	0.013
1959	0.020	0.051	0.051	0.051	0.051	0.044	0.044	0.044	0.044		0.013
1960	0.017	0.037	0.037	0.037	0.037	0.029	0.029	0.029	0.029	0.029	0.009
1961	0.014	0.033	0.033	0.033	0.033	0.026	0.026	0.026	0.026	1.000	0.008
1962	0.014	0.024	0.024	0.024	0.024	0.027	0.027	0.027	0.027	0.027	0.007
1963	0.014	0.029	0.029	0.029	0.029	0.026	0.026	0.026	0.026		0.008
1964	0.015				0.023	0.024	0.024	0.024	0.024		0.007
1965	0.015				0.025	0.019	0.019	0.019	0.019		0.007
1966	0.014		0.029		0.029	0.025	0.025		0.025		0.008
1967	0.029	53553.5556			0.048	0.039	0.039		0.039		0.013
1968	0.025	2 mar 10 mar 201 00 mg		17 18 18 18 18 18 18 18 18 18 18 18 18 18	0.046	0.037	0.037	0.037	0.037		0.012
1969	0.024	-0.2740.245.015.0	NAME OF STREET	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.049	0.035	0.035	100000000000000000000000000000000000000	2000		0.012
1970	0.027			1 101 2 20	0.046	0.034	0.034	100000000000000000000000000000000000000		5550-5-5	0.012
1971	0.029	0.047		0.047	0.047	0.039	0.039	1003/01/2007	0.039		0.013
1972	0.034					0.046	0.046	V.E.G.E.G.C.C.	0.046	10000000	0.015
1973	0.038					0.036	0.036	115.00.00	0.036	0.0000000000000000000000000000000000000	0.013
1974	0.041	0.066	economic trees			0.040	0.040		0.040	10000000	0.014
1975	0.048		0.0000000000000000000000000000000000000	100000000000000000000000000000000000000	127 24	0.065	0.065				0.020
1976	0.034	25.00			4	0.042	0.042				0.023
1977	0.040	# 1 A 1 TO ST 10 TO ST	9/19/00 EARLEST		- A.J. 250 333	20.20075	0.039	S72.755-572	15.75		0.023
1978	0.044	100000000000000000000000000000000000000	0.000		Contract Contract	200000000000000000000000000000000000000		2000000000		F-380-360	and the same of the same of
1979	0.036			10 mm (CO) (E)	F 3528	The state of the state of	0.039			B 0.055570	
1980	0.040				1777-1071-2	25 5000	0.037			3,64333	Commission Commission
1981	0.042					0.044	0.044	750000	577.400.000	100000	0.024
1982	0.065				0.014				200000000000000000000000000000000000000	25,03	0.027
1983	0.071			1	1		0.051				0.027
1984	0.085	100000000000000000000000000000000000000						I	1	1	
1985	0.089	22307		0.440	0.00000	1000000	100000000	2000			I
1986	0.081	15000		1000000		Un and the state of the state o	1600 900000				
1987	0.093	0.043	0.026	0.022	0.020	0.053	0.053	0.053	0.086	y 0.086	0.029

1 1988	0.080	0.042	0.024	0.018	0.018	0.041	0.041	0.041	0.072	0.072	0.025
1989	0.080	0.038	0.021	0.015	0.015	0.035	0.035	0.035	0.065	0.065	0.022
1990	0.074	0.037	0.020	0.016	0.013	0.031	0.031	0.031	0.057	0.057	0.021
1991	0.072	0.040	0.020	0.016	0.012	0.027	0.027	0.027	0.050	0.050	0.020
1992	0.073	0.039	0.023	0.016	0.015	0.030	0.030	0.030	0.055	0.055	0.021
1993	0.077	0.043	0.027	0.018	0.018	0.039	0.039	0.039	0.065	0.065	0.025
1994	0.083	0.050	0.031	0.021	0.018	0.053	0.053	0.053	0.080	0.080	0.029
1995	0.089	0.055	0.037	0.023	0.018	0.061	0.061	0.061	0.080	0.080	0.031

Source: Somucho Tokei Kyoku (the Statistics Bureau, Management and Coordination Agency), Rodoryoku Chosa Nenpo (Annual Report on the Labour Force Survey), Various Years.

Table C-11: Female Labour Force by Age Groups (ten thousand)

Table C-11. I chiale Labour 1 of the												
Year	14~19	20~24	25~29	30~34	35~39	40~44	45~49	50~54	55~59	60~64	Total	
1948	172	686	*	*	*	434	*	*	*	*	1,292	
1949	174	19		*	*	486	*	*	*	ж	1,386	
1950	242	13	1	*	*	446	*	*	*	*	1,368	
1951	239		1	*	*	450	*	*	*	*	1,389	
1952	237		D 0	*	ж	479	*	*	*	*	1,446	
1953	240		1	水	*	523	*	*	非	*	1,551	
1954	234	1		*	*	546	*	*	*	*	1,582	
1955	242		I	*	*	574	*	ж	*	*	1,670	

Year	15~19	20~24	25~29	30~34	35~39	40~44	45~49	50~54	55~59	60~64	Total
1955	221	844	*	*	*	567	*	*	*	*	1,632
1956	216	870	*	*	*	576	*	*	*	*	1,662
1957	221	883	*	*	*	593	*	*	*	ж	1,697
1958	222	890	*	*	*	594	*	*	*	*	1,706
1959	223	276	217	207	193	166	156	121	91	65	1,715
1960	219	277	217	216	200	171	162		94		1,748
1961	210	290	214	210	206	178			94		1,759
1962	210	317	218	208	209		159			2000	1,788
1963	200	320	212	208	214	186	157		100000	12000	1,792
1964	188	328	205	207	220		159		2.22010		1,805
1965	191	325	204	205	226					172200	
1966	214	310	206	206			170				1,873
1967	214	313	214					4			1,910
1968	199	332	212	209			187				1,930
1969	170	350	216	204		233			1		1,935
1970	153	374	208					1			1,950
1971	137	388	188			234			Contraction of the Contraction o		1,935
1972	117	367	191			240		1 200		500000	1,914
1973	113	350	212								 ************************************
1974	95	319									187,000
1975	85	30									
1976	74	287			15.00000						
1977	7	279									
1978	79	273									
1979	73				7	N 475500			1		
1980	7.						7		1000	100	
1981	73	2 27	2 21:								1 1
1982	70	27:	210								
1983	7:	28	1 21	26	1 28	7 300	279	23.	17.	5 110	2,21

1984	79	284	212	244	297	316	277	239	178	111	2,237
1985	72	289	210	229	317	313	282	244	182	116	2,254
1986	78	295	210	215	341	302	286	251	182	120	2,280
1987	78	299	219	208	336	305	295	254	189	124	2,307
1988	79	308	226	203	317	322	305	261	194	128	2,343
1989	84	318	232	201	300	341	325	262	201	134	2,398
1990	87	326	245	200	283	366	327	268	212	138	2,452
1991	86	343	252	203	267	392	313	276	222	145	2,499
1992	83	353	258	203	257	385	319	288	225	148	2,519
1993	79	356	267	204	246	362	338	291	229	150	2,522
1994	74	360	278	208	242	335	351	306	226	149	2,529
1995	67	361	287	213	234	314	373	302	229	153	2,533

Sources: Somucho Tokei Kyoku (the Statistics Bureau, Management and Coordination Agency), (1987), Nihon Chokitokei Soran (Historical Statistics of Japan), Nihon Tokei Kyokai (Japan Statistical Association), Vol. 1, p. 377.

Somucho Tokei Kyoku (the Statistics Bureau, Management and Coordination Agency), Rodoryoku Chosa Nenpo (Annual Report on the Labour Force Survey), Various Years.

Table C-12: Females Not in the Labour Force by Age Groups (ten thousand)

Yea	ar 14	-19	20~24	25~29	30~34	35~39	40~44	45~49	50~54	55~59	60~64	65~	Total
194	18	249	573	*	*	*	467	*	*	*	*	208	1,497
194		242			*	*	430	*	*	*	*	203	1,411
195	50	265			*	*	436	*	*	*	*	194	1,463
195	51	277	587	*	*	*	458	*	*	*	*	196	1,518
195	52	282	568	*	*	*	464	*	*	*	*	200	1,514
195	53	261	542	*	*	*	437	*	*	*	*	193	1,433
195	54	274	538	*	*	*	445	*	*	ж	*	196	1,453
195	55	277	527	*	*	*	427	*	*	*	*	205	1,436

Year	15~19	20~24	25~29	30~34	35~39	40~44	45~49	50~54	55~59	60~64	65~	Total
1955	197	520	*	*	*	422	*	*	*	*	202	1,341
1956	201	538	*	*	*	440	*	*	*	*	203	1,382
1957	211	550	*	*	*	445	*	*	*	*	209	1,415
1958	222	571	*	*	*	469	*	*	*	*	212	1,474
1959	226	118	176	170	133	107	101	99	96	300	223	1,534
1960	228	114	181	166	138	109	105				232	1,559
1961	216	118	194	173	136	107	105			89	235	1,575
1962	239	120	198	177	141	109	103			95	246	1,627
1963	278	125	206	185	146	112	10,000,000		10000000		257	1,719
1964	315	136	209	190	149	119	103	110	The state of the s	1	262	1,795
1965	342	138	212	195		100	103	111		10000000	271	1,853
1966	349	132	216	201	158	121	104	5 (4)			282	1,882
1967	338	133	220	204	163			100000	1		291	1,903
1968	322	141	229	212					100		311	1,946
1969	315	148	243	212	170	132	115				322	1,996
1970	302	156	248	216	173	138					334	2,033
1971	295	173	245	227	182	141					349	2,098
1972	293	176	252	235	185	146	•		1	1		2,157
1973	291	170	264	237	184	2 10 10 10 10 10 10 10 10 10 10 10 10 10	4		10000		382	2,190
1974	301	165	282	256	188	5,000,000		(ii) In a conference	100000000000000000000000000000000000000	4 8 20 9	10.0000	2,284
1975	304	155	302	258	191	161		1	1	1 5-000000	20,1040,400	2,342
1976	310	143	312	245	193	164	143	137	131	149	439	2,366

1977	308	130	298	241	194	158	142	139	135	150	457	2,352
1978	312	126	274	248	190	155	142	141	140	148	475	2,351
1979	319	118	248	260	193	150	142	145	147	147	495	2,364
1980	327	116	228	272	192	148	143	147	152	152	515	2,392
1981	327	113	213	283	180	149	143	152	159	158	533	2,410
1982	336	111	200	274	179	148	141	153	164	163	551	2,420
1983	339	108	186	254	187	142	137	151	164	168	569	2,405
1984	349	106	179	236	198	145	134	151	172	179	587	2,436
1985	361	109	175	221	209	144	129	153	174	183	613	2,471
1986	374	103	172	211	216	133	132	153	181	191	639	2,505
1987	390	105	164	200	210	138	134	155	182	197	666	2,541
1988	400	106	159	193	197	148	132	148	185	203	691	2,562
1989	401	107	155	190	179	151	132	143	183	207	716	2,564
1990	400	105	151	185	167	157	127	139	180	210	741	2,562
1991	397	109	144	178	160	162	120	137	176	211	767	2,561
1992	388	113	144	180	153	160	123	137	179	216	798	2,591
1993	375	121	147	182	152	152	132	143	176	223	835	2,638
1994	361	124	147	181	150	144	141	148	175	228	867	2,669
1995	352	125	145	184	152	137	149	148	173	232	900	2,698

Source: Somucho Tokei Kyoku (the Statistics Bureau, Management and Coordination Agency), Rodoryoku Chosa Nenpo (Annual Report on the Labour Force Survey), Various Years.

Table C-13: Unemployed Females by Age Groups (ten thousand)

Year	14~19	20~24	25~29	30~34	35~39	40~44	45~49	50~54	55~59	60~64	Total
1948	1	4	*	*	*	3	*	*	*	*	8
1949	3	8	*	*	*	4	*	*	*	*	15
1950	4	8	*	*	*	3	*	*	*	*	15
1951	4	7	*	*	*	3	*	*	*	*	14
1952	4	9	*	*	*	4	*	*	*	*	17
1953	5	10	*	*	*	5	*	*	*	*	20
1954	5	13	*	*	*	6	*	*	*	*	24
1955	6	- 15	*	*	*	7	ж	*	*	*	28

Year	15~19	20~24	25~29	30~34	35~39	40~44	45~49	50~54	55~59	60~64	Total
1955	5	15		*	*	7	*	*	*	*	27
1956	5	15	*	*	*	6	*	*	*	*	26
1957	4	14	*	*	*	6	*	*	*	*	24
1958	4	14	*	*	*	5	160	*	*	*	23
1959	5	15	*	*	*	5	38	*	*	*	25
1960	a	11	*	*	*	6	ski	*	*	*	21
1961	3	ii	*	*	*	5	*	*	- 8	*	19
1962	3	12	*	*	*	6	- 8:	*	*	*	21
1963	3	7,0179	*	*	*	6	38	*	*	36:	22
1964	3	12	*	*	*	5	385	*	*	*	20
1965	1 7	13	1	*	*	6	*	*	*	*	23
1966	3	14	D	*	*	6	*	*	*	*	23
1967	1 1	18		*	*	5	*	*	*	*	27
1968	1 7	15	1	*	*	1 4	*	*	*	*	23
	2	15	1	*	*	5	*	*	*	34:	23
1969] 3	11000	1	*	*	1 2	1 *	*	*	*	20
1970	2	15	1	*	*		3 *	*	*	*	22
1971 1972	2	15		*	*	6	*	*	*	*	25

1973	2	16	*	*	*	6	*	*	* 1	*	24
1974	2.33	17	*	*	*	6	*	*	*	*	2,211,200
1975	2 2 10	22	*	*	*	11	*	*	*	*	25 35 34
1976	10	*	14	*	*	8	8	*	2	*	
1977	11	*	17	*	8	8	*	*	3	*	39
1978	11	*	19	*	*	10	*	*	3	*	43
1979	11	*	19	*	*	10	*	*	3	*	43
1980	11	*	19	*	*	10	*	*	3	*	43
1981		*	20	*	*	10	*	*	5	*	48
1982	13	12	7	7	5	12	*	*	4	380	48 50 59
1983	4	12	8	8	7	15	36	*	5	*	59
1984	4	14	9	7	8	16	*	*	6	*	64
1985	4	13	10	7	7	16	*	*	6	*	63
1986	5	14	10	7	8	17	*	*	6	沭	67
1987	6	13	10	6	8	17	*	*	7	*	67
1988	5	13	10	6	7	16	*	*	7	*	64
1989	5	12	9	6	6	14	*	*	6	*	58
1990	5	12	9	5	6	14	*	*	5	*	64 58 56
1991	5	13	10	5	6	15	*	ж	6	*	60
1992	5	13	9	6	5	15	*	зķ	5	*	58
1993	5	18	12	7	6	17	*	*	6	3/4	71
1994	5	18	15	8	6	19	*	*	7	*	78
1995	5	21	15	10	7	21	*	*	8	*	87

Note: Table shows the monthly average of the year.
Source: Somucho Tokei Kyoku (the Statistics Bureau, Management and Coordination Agency), Rodoryoku Chosa Nenpo (Annual Report on the Labour Force Survey), Various Years.

Table C-14: Rate of Female Unemployment by Age Groups

								_~				
ſ	Year	14~19	20~24	25~29	30~34	35~39	40~44	45~49	50~54	55~59	60~64	Total
ı	1948	0.006	0.006	0.006	0.006	0.006	0.007	0.007	0.007	0.007	0.007	0.006
- 1	1949	0.017	0.011	0.011	0.011	0.011	0.008	0.008	0.008	0.008	0.008	0.011
	1950	0.017	0.012	0.012	0.012	0.012	0.007	0.007	0.007	0.007	0.007	0.011
1	1951	0.017	0.010	0.010	0.010	0.010	0.007	0.007	0.007	0.007	0.007	0.010
	1952	0.017	0.012	0.012	0.012	0.012	0.008	0.008	0.008	0.008	0.008	0.012
	1953	0.017	0.013	0.013	0.013	0.013	0.010	0.010	0.010	0.010	0.010	0.013
	1954	0.021	0.016	0.016	0.016	0.016	0.011	0.011	0.011	0.011	0.011	0.015
	1955	0.021	0.018	0.018	0.018	0.018	0.012	0.012	0.012	0.012	0.012	0.017
- 9	1722	0.022	0.010	0.010	0.010	0.010		-70-2				

Year	15~19	20~24	25~29	30~34	35~39	40~44	45~49	50~54	55~59	60~64	Total
1955	0.023	0.018	0.018			0.012	0.012	0.012	0.012	0.012	0.017
1956	0.023	0.017	0.017	0.017	0.017	0.010	0.010	0.010	0.010	0.010	0.016
1957	0.018			0.016	0.016	0.010	0.010	0.010	0.010	0.010	0.014
1958	0.018	Secure S	0.016	0.016	0.016	0.008	0.008	0.008	0.008	0.008	0.013
1959	0.022	100 000 000	0.054	0.054	0.054	0.030	0.030	0.030	0.030	0.030	0.015
1960	0.018	0.040	0.040	0.040	0.040	0.035	0.035	0.035	0.035	0.035	0.012
1961	0.014		0.038	0.038	0.038	0.028	0.028	0.028	0.028	0.028	0.011
1962	0.014	0.038	0.038	0.038	0.038	0.034	0.034	0.034	0.034	0.034	
1963	0.015	0.041	0.041	0.041	0.041	0.032	0.032	0.032	0.032	0.032	
1964	0.016	0.037	0.037	0.037	0.037	0.026	0.026	0.026	0.026	0.026	
1965	0.021	0.040	0.040	0.040	0.040	0.029	0.029	0.029	0.029	0.029	0.013
1966	0.014	0.045	0.045	0.045	0.045	0.028	0.028	0.028	1 3 3 5 5 1 1	- No. 10 10 10 10 10 10 10 10 10 10 10 10 10	randominal de
1967	0.019	0.058	0.058	0.058	0.058	0.023	0.023	0.023	0.023	100000	
1968	0.020	0.045	0.045	0.045	0.045	0.018	0.018	0.018	0.018	0.018	0.012

											_
1969	0.018	0.043	0.043	0.043	0.043	0.021	0.021	0.021	0.021	0.021	0.012
1970	0.013	0.040	0.040	0.040	0.040	0.013	0.013	0.013	0.013	0.013	0.010
1971	0.015	0.039	0.039	0.039	0.039	0.021	0.021	0.021	0.021	0.021	0.011
1972	0.017	0.046	0.046	0.046	0.046	0.025	0.025	0.025	0.025	0.025	0.013
1973	0.018	0.046	0.046	0.046	0.046	0.024	0.024	0.024	0.024	0.024	0.012
1974	0.021	0.053	0.053	0.053	0.053	0.025	0.025	0.025	0.025	0.025	0.013
1975	0.024	0.073	0.073	0.073	0.073	0.045	0.045	0.045	0.045	0.045	0.018
1976	0.028	0.028	0.056	0.056	0.056	0.032	0.032	0.032	0.015	0.015	0.018
1977	0.031	0.031	0.067	0.067	0.067	0.031	0.031	0.031	0.022	0.022	0.020
1978	0.031	0.031	0.079	0.079	0.079	0.038	0.038	0.038	0.021	0.021	0.021
1979	0.032	0.032	0.082	0.082	0.082	0.038	0.038	0.038	0.020	0.020	0.021
1980	0.032	0.032	0.085	0.085	0.085	0.037	0.037	0.037	0.019	0.019	0.021
1981	0.038	0.038	0.093	0.093	0.093	0.036	0.036	0.036	0.031	0.031	0.023
1982	0.043	0.044	0.033	0.026	0.019	0.042	0.042	0.042	0.024	0.024	0.023
1983	0.051	0.043	0.038	0.031	0.024	0.050	0.050	0.050	0.029	0.029	0.027
1984	0.051	0.049	0.042	0.029	0.027	0.051	0.051	0.051	0.034	0.034	0.029
1985	0.056	0.045	0.048	0.031	0.022	0.051	0.051	0.051	0.033	0.033	0.028
1986	0.064	0.047	0.048	0.033	0.023	0.056	0.056	0.056	0.033	0.033	0.029
1987	0.077	0.043	0.046	0.029	0.024	0.056	0.056	0.056	0.037	0.037	0.029
1988	0.063	0.042	0.044	0.030	0.022	0.050	0.050	0.050	0.036	0.036	0.027
1989	0.060	0.038	0.039	0.030	0.020	0.041	0.041	0.041	0.030	0.030	0.024
1990	0.057	0.037	0.037	0.025	0.021	0.038	0.038	0.038	0.024	0.024	0.023
1991	0.058	0.038	0.040	0.025	0.022	0.038	0.038	0.038	0.027	0.027	0.024
1992	0.060	0.037	0.035	0.030	0.019	0.039	0.039	0.039	0.022	0.022	0.023
1993	0.063	0.051	0.045	0.034	0.024	0.047	0.047	0.047	0.026	0.026	0.028
1994	0.068	0.050	0.054	0.038	0.025	0.057	0.057	0.057	0.031	0.031	0.031
1995	0.075	0.058	0.052	0.047	0.030	0.067	0.067	0.067	0.035	0.035	0.034

Source: Somucho Tokei Kyoku (the Statistics Bureau, Management and Coordination Agency), Rodoryoku Chosa Nenpo (Annual Report on the Labour Force Survey), Various Years.

Table C-15: Estimated Rate of Male Unemployment by Age

	Year	15	16	17	18	19	20	21	22	23	24	25	26
Γ	1947	0.012	0.011	0.010	0.009	0.008	0.007	0.007	0.006	0.006	0.006	0.006	0.006
1	1948	0.012	0.011	0.010	0.009	0.008	0.007	0.007	0.006	0.006	0.006	0.006	0.006
1	1949	0.009	0.010	0.010	0.010	0.011	0.011	0.011	0.012	0.012	0.012	0.012	0.012
1	1950	0.020	0.019	0.018	0.017	0.016	0.015	0.014	0.013	0.013	0.013	0.013	0.013
1	1951	0.017	0.016	0.015	0.014	0.014	0.013	0.012	0.012	0.012	0.012	0.012	0.012
1	1952	0.022	0.021	0.019	0.018	0.016	0.015	0.014	0.013	0.013	0.013	0.013	0.013
1	1953	0.022	0.020	0.018	0.016	0.015	0.013	0.012	0.011	0.011	0.011	0.011	0.011
1	1954	0.015	0.015	0.015	0.015	0.015	0.016	0.016	0.016	0.016	0.016	0.016	0.016
1	1955	0.020	0.020	0.019	0.019	0.019	0.018	0.018	0.017	0.017	0.017	0.017	0.017
1	1956	0.029	0.027	0.024	0.022	0.019	0.017	0.016	0.014	0.014	0.014	0.014	0.014
1	1957	0.020	0.018	0.016	0.015	0.014	0.013	0.011	0.010	0.010	0.010	0.010	0.010
1	1958	0.018	0.017	0.016	0.016	0.015	0.014	0.014	0.013	0.013	0.013	0.013	0.013
1	1959	0.014	0.017	0.020	0.024	0.029	0.035	0.042	0.051	0.051	0.051	0.051	0.051
1	1960	0.013	0.015	0.017	0.020	0.023	0.027	0.032	0.037	0.037	0.037	0.037	0.037
	1961	0.010	0.012	0.014	0.017	0.020	0.024	0.028	0.033	0.033	0.033	0.033	0.033
1	1962	0.011	0.012	0.014	0.015	0.017	0.019	0.021	0.024		0.024	0.024	0.024
1	1963	0.011	0.013	0.014	0.017	0.019	0.022	0.025	0.029	0.029	0.029	0.029	0.029
1	1964	0.013	0.014	0.015	0.017	0.018	0.019	0.021		0.023	0.023	0.023	0.023
ł	1965	0.012	0.013	0.015	0.017	0.018	0.020	0.023	0.025	0.025	0.025	0.025	0.025

1 1000	0.010	0.014	and	and	0.018	0.021	0.025	0.029	0.029	0.029	0.029	0.029
1966	0.010	0.012	0.014	0.016		0.039	0.023	0.029	0.048	0.048	0.048	0.048
1967	0.023	0.026	0.029	0.032	0.035				V-7-4-4-1	0.046	0.046	0.046
1968	0.020	0.022	0.025	0.028	0.032	0.036	0.041	0.046	0.046	0.049	0.049	0.049
1969	0.018	0.020	0.024	0.027	0.032	0.037	0.043	0.049	0.049	0.049		0.046
1970	0.022	0.024	0.027	0.030	0.033	0.037	0.041	0.046	0.046		0.046	10.00
1971	0.024	0.027	0.029	0.032	0.035	0.039	0.043	0.047	0.047	0.047	0.047	0.047
1972	0.028	0.031	0.034	0.038	0.043	0.047	0.052	0.058	0.058	0.058	0.058	0.058
1973	0.033	0.035	0.038	0.041	0.044	0.048	0.052	0.056	0.056	0.056	0.056	0.056
1974	0.034	0.038	0.041	0.045	0.050	0.055	0.060	0.066	0.066	0.066	0.066	0.066
1975	0.037	0.042	0.048	0.055	0.063	0.072	0.082	0.094	0.094	0.094	0.094	0.094
1976	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.037	0.039	0.041	0.044
1977	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.041	0.042	0.043	0.045
1978	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.045	0.047	0.049	0.052
1979	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.039	0.042	0.046	0.050
1980	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.042	0.045	0.048	0.051
1981	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.046	0.049	0.053	0.057
1982	0.082	0.073	0.065	0.058	0.051	0.045	0.040	0.036	0.033	0.031	0.029	0.027
1983	0.091	0.081	0.071	0.063	0.056	0.049	0.044	0.038	0.035	0.033	0.030	0.028
1984	0.118	0.100	0.085	0.073	0.062	0.053	0.045	0.038	0.035	0.031	0.028	0.026
1985	0.125	0.105	0.089	0.075	0.063	0.053	0.045	0.038	0.034	0.031	0.029	0.026
1986	0.104	0.092	0.081	0.072	0.064	0.056	0.050	0.044	0.039	0.034	0.030	0.027
1987	0.104	0.108	0.093	0.080	0.068	0.059	0.050	0.043	0.039	0.036	0.032	0.029
1988	0.120	0.092	0.093	0.071	0.062	0.055	0.048	0.042	0.037	0.033	0.030	0.026
1		0.092	0.080	0.069	0.059	0.051	0.044	0.038	0.033	0.030	0.026	0.023
1989	0.109				0.056	0.049	0.042	0.037	0.033	0.029	0.026	0.023
1990	0.099	0.086	0.074	0.065		0.051	0.045	0.040	0.035	0.030	0.027	0.023
1991	0.091	0.081	0.072	0.064	0.057		0.043	0.039	0.035	0.031	0.028	0.025
1992	0.094	0.083	0.073	0.064	0.057	0.050		0.039	0.039	0.035	0.032	0.029
1993	0.097	0.087	0.077	0.068	0.061	0.054	0.048			0.033	0.037	0.034
1994	0.102	0.092	0.083	0.075	0.068	0.061	0.055	0.050	0.045		0.037	0.040
1995	0.107	0.097	0.089	0.081	0.073	0.067	0.061	0.055	0.051	0.047	0.044	0.040
	, ,									I		20
27	28	29	30	31	32	33	34	35	36	37	38	39
0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.007
0.000	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.007
0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011
0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013
0.012		0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011
0.01	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013
0.01		0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011
0.010		0.016	1010	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.015	0.014
0.01		0.017		0.017	0.017		0.017	0.017	0.017	0.017	0.017	0.016
0.014	4	0.014	0.014	0.014	0.014	A commence of the	0.014	0.014	0.014	0.014	0.014	0.013
0.010		0.010	0.010	0.010	0.010	The state of the	0.010		0.010	0.010	0.010	0.010
0.013		0.013		0.013	3.3 (0.00.00.00.00.00.00.00.00.00.00.00.00.0	100	0.013	No. of the last of	0,013	0.013	0.013	0.013
0.05		0.013		0.051	0.051	(22.2.3)	0.051	100	0.051	0.051	0.049	0.048
0.03	1000	0.037		0.037			0.037	The second second	0.037	0.037	0.035	0.034
	The second second	0.037		1			0.033		0.033	V=-0000000	0.032	0,030
0.033		121.2.2		0.033	0.033		0.024		0.024	0.024	0.024	0.025
0.02	THE RESERVE OF THE PARTY OF THE	0.024		The second second	0.024		0.024		0.029		0.028	
0.02		0.029	1 1 1 1 1 1 1 1 1		and the second second	and the same of	0.023		0.023		0.023	100
0.02		0.023		0.023	67660000	and the second	and the second	1000	0.025		0.023	0.023
0.02		0.025	0.025	0.025	0.025	0.025	0.025	0.043	0.020	0.023	0.044	Unitab
				1 12 10 00	F-10 (10) (10) (10)		F - 10 W 10 10 10 10 10 10 10 10 10 10 10 10 10	0.000	0.000	0.020	0.028	0.027
0.02	9 0.029	0.029	0.029	0.029	0.029	0.029	0.029	The second secon	2-5-50-000-0-19-Ca	56777355	0.028	
0.02	9 0.029	0.029	0.029	0.029	0.029	0.029	0.029		2.5 50000 5170	56777355		

											i		
1	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.044	0.042
1	0.049	0.049	0.049	0.049	0.049	0.049	0.049	0.049	0.049	0.049	0.049	0.046	0.043
1	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.043	0.041
1	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.045	0.044
1	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.056	0.053
1			The state of the s	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.051	0.047
1	0.056	0.056	0.056	100000000000000000000000000000000000000			0.066	0.066	0.066	0.066	0.066	0.060	0.054
1	0.066	0.066	0.066	0.066	0.066	0.066	The second second	0.000	0.094	0.094	0.094	0.087	0.081
1	0.094	0.094	0.094	0.094	0.094	0.094	0.094		The second secon	0.047	0.047	0.046	0.045
-	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047		- 350	0.045	0.043
	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	THE REAL PROPERTY.	Control of the Party of the Par
- [0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.052	0.051
- 1	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.050	0.047
1	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.050	0.047
-	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.058	0.054
- 1	0.025	0.024	0.023	0.022	0.021	0.020	0.019	0.017	0.016	0.015	0.014	0.017	0.022
- 1	0.026	0.025	0.024	0.023	0.022	0.022	0.021	0.021	0.020	0.020	0.019	0.023	0.028
- 1	0.023	0.023	0.022	0.022	0.022	0.021	0.021	0.020	0.019	0.019	0.018	0.022	0.027
- 1	0.024	0.023	0.022	0.022	0.021	0.020	0.020	0.020	0.020	0.019	0.019	0.022	0.026
- 1	0.024	0.023	0.023	0.022	0.022	0.021	0.021	0.021	0.021	0.020	0.020	0.024	0.029
- 1	0.026	0.026	0.025	0.024	0.023	0.022	0.022	0.021	0.021	0.021	0.020	0.025	0.030
- 1	0.024	0.022	0.021	0.020	0.019	0.018	0.018	0.018	0.018	0.018	0.018	0.021	0.025
- 1		110 100 100	0.021	0.017	0.016	0.015	0.015	0.015	0.015	0.015	0.015	0.018	0.021
- 1	0.021	0.020		1		0.015	0.015	0.015	0.014	0.014	0.013	0.016	0.019
- 1	0.020	0.019	0.018	0.017	0.016	22.5	0.015	0.013	0.013	0.013	0.012	0.014	0.016
- 1	0.020	0.019	0.018	0.017	0.017	0.016	4.17		200000000000000000000000000000000000000	0.012	0.015	0.017	0.019
- 1	0.023	0.021	0.019	0.018	0.017	0.016	0.015	0.015	0.015		0.013	0.021	0.024
- 1	0.027	0.025	0.023	0.021	0.020	0.018	0.018	0.018	0.018	0.018	0.018	0.021	0.028
- 1	0.031	0.028	0.026	0.024	0.022	0.021	0.020	0.019	0.019	0.018		-	
	0.031	0.028 0.034	0.026	0.024	0.022	0.021	0.020	0.019	0.019	0.019	0.018	0.023	0.029
		1900 1900 1900 1900	THE RESERVE TO STATE OF THE PARTY OF THE PAR	1000	100		1000000				0.018	0.023	0.029
[1900 1900 1900 1900	THE RESERVE TO STATE OF THE PARTY OF THE PAR	1000	100		1000000				0.018 50	-	0.029 52
	0.037	0.034	0.031	0.028	0.025	0.023	0.022	0.021	0.020	0.019	0.018	0.023	0.029 52 0.009
	0.037 40 0.007	0.034 41 0.008	0.031 42 0.009	0.028 43 0.009	0.025 44 0.009	0.023	0.022	0.021 47	0.020	0.019	0.018 50	0.023 51	0.029 52
	0.037 40 0.007 0.007	0.034 41 0.008 0.008	0.031 42 0.009 0.009	43 0.009 0.009	0.025 44 0.009 0.009	0.023 45 0.009 0.009	0.022 46 0.009	0.021 47 0.009	0.020 48 0.009	0.019 49 0.009	0.018 50 0.009	0.023 51 0.009	0.029 52 0.009
	0.037 40 0.007 0.007 0.010	0.034 41 0.008 0.008 0.010	0.031 42 0.009 0.009 0.010	43 0.009 0.009 0.010	0.025 44 0.009 0.009 0.010	0.023 45 0.009 0.009 0.010	46 0.009 0.009 0.010	0.021 47 0.009 0.009	48 0,009 0,009	0.019 49 0.009 0.009	50 0.009 0.009	0.023 51 0.009 0.009	52 0.009 0.009
	0.037 40 0.007 0.007 0.010 0.013	0.034 41 0.008 0.008 0.010 0.012	0.031 42 0.009 0.009 0.010 0.012	0.028 43 0.009 0.009 0.010 0.012	0.025 44 0.009 0.009 0.010 0.012	0.023 45 0.009 0.009 0.010 0.012	46 0.009 0.009 0.010 0.012	47 0.009 0.009 0.010	0.020 48 0.009 0.009 0.010	0.019 49 0.009 0.009 0.010	50 0.009 0.009 0.010	51 0.009 0.009 0.010	52 0.009 0.009 0.010
	0.037 40 0.007 0.007 0.010 0.013 0.010	0.034 41 0.008 0.008 0.010 0.012 0.010	0.031 42 0.009 0.009 0.010 0.012 0.010	0.028 43 0.009 0.009 0.010 0.012 0.010	0.025 44 0.009 0.009 0.010 0.012 0.010	0.023 45 0.009 0.009 0.010 0.012 0.010	0.022 46 0.009 0.009 0.010 0.012 0.010	0.021 47 0.009 0.009 0.010 0.012 0.010	0.020 48 0.009 0.009 0.010 0.012 0.010	0.019 49 0.009 0.009 0.010 0.012 0.010	50 0.009 0.009 0.010 0.012 0.010	51 0.009 0.009 0.010 0.012	52 0.009 0.009 0.010 0.012
	0.037 40 0.007 0.007 0.010 0.013 0.010 0.013	0.034 41 0.008 0.008 0.010 0.012 0.010 0.013	0.031 42 0.009 0.009 0.010 0.012 0.010 0.013	0.028 43 0.009 0.009 0.010 0.012 0.010 0.013	0.025 44 0.009 0.009 0.010 0.012 0.010 0.013	0.023 45 0.009 0.009 0.010 0.012 0.010 0.013	0.022 46 0.009 0.009 0.010 0.012 0.010 0.013	0.021 47 0.009 0.009 0.010 0.012 0.010 0.013	0.020 48 0.009 0.009 0.010 0.012 0.010 0.013	0.019 0.009 0.009 0.010 0.012 0.010 0.013	50 0.009 0.009 0.010 0.012 0.010 0.013	51 0.009 0.009 0.010 0.012 0.010	52 0.009 0.009 0.010 0.012 0.010
	0.037 40 0.007 0.007 0.010 0.013 0.010 0.013 0.011	0.034 41 0.008 0.008 0.010 0.012 0.010 0.013 0.011	0.031 42 0.009 0.009 0.010 0.012 0.010 0.013 0.010	0.028 43 0.009 0.009 0.010 0.012 0.010 0.013 0.010	0.025 44 0.009 0.009 0.010 0.012 0.010 0.013	0.023 45 0.009 0.009 0.010 0.012 0.010 0.013 0.010	0.022 46 0.009 0.009 0.010 0.012 0.010 0.013 0.010	0.021 47 0.009 0.009 0.010 0.012 0.010 0.013 0.010	0.020 48 0.009 0.009 0.010 0.012 0.010 0.013 0.010	0.019 49 0.009 0.010 0.012 0.010 0.013 0.010	50 0.009 0.009 0.010 0.012 0.010 0.013 0.010	51 0.009 0.009 0.010 0.012 0.010 0.013 0.010	52 0.009 0.009 0.010 0.012 0.010 0.013 0.010
	0.037 40 0.007 0.007 0.010 0.013 0.010 0.013 0.011 0.014	0.034 41 0.008 0.008 0.010 0.012 0.010 0.013 0.011 0.013	0.031 42 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012	0.028 43 0.009 0.010 0.012 0.010 0.013 0.010 0.012	0.025 44 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012	0.023 45 0.009 0.010 0.012 0.010 0.013 0.010 0.012	0.022 46 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012	0.021 47 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012	0.020 48 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012	0.019 49 0.009 0.010 0.012 0.010 0.013 0.010 0.012	50 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012	51 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012	52 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012
	0.037 40 0.007 0.010 0.013 0.010 0.013 0.011 0.014 0.016	0.034 41 0.008 0.008 0.010 0.012 0.010 0.013 0.011 0.013	0.031 42 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014	0.028 43 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014	0.025 44 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014	0.023 45 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014	0.022 46 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014	0.021 47 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014	0.020 48 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014	0.019 49 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014	50 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014	51 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014	52 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014
	0.037 40 0.007 0.007 0.010 0.013 0.011 0.014 0.016 0.013	0.034 41 0.008 0.008 0.010 0.012 0.010 0.013 0.011 0.013 0.015 0.012	0.031 42 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012	0.028 43 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012	0.025 44 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012	0.023 45 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012	0.022 46 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012	0.021 47 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012	0.020 48 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012	0.019 49 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012	50 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012	51 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.014 0.014	52 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012
	0.037 40 0.007 0.007 0.010 0.013 0.011 0.014 0.016 0.013 0.010	0.034 41 0.008 0.008 0.010 0.012 0.010 0.013 0.011 0.013 0.015 0.012	0.031 42 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010	0.028 43 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010	0.025 44 0.009 0.009 0.010 0.012 0.010 0.013 0.014 0.012 0.014	0.023 45 0.009 0.010 0.012 0.010 0.013 0.010 0.014 0.012 0.010	0.022 46 0.009 0.010 0.012 0.010 0.013 0.010 0.014 0.012 0.010	0.021 47 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010	0.020 48 0.009 0.009 0.010 0.012 0.010 0.013 0.014 0.012 0.016	0.019 49 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010	50 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.014 0.012 0.010	51 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.014 0.012 0.010	52 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010
	0.037 40 0.007 0.007 0.010 0.013 0.011 0.014 0.016 0.013 0.010 0.013	0.034 41 0.008 0.008 0.010 0.012 0.010 0.013 0.015 0.012 0.010 0.012	0.031 42 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012	0.028 43 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012	0.025 44 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012	0.023 45 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012	0.022 46 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012	0.021 47 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012	0.020 48 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012	0.019 49 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012	50 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.014 0.012 0.010 0.012	51 0.009 0.009 0.010 0.012 0.010 0.013 0.014 0.012 0.014 0.012 0.010	52 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012
	0.037 40 0.007 0.007 0.010 0.013 0.011 0.014 0.016 0.013 0.010 0.010 0.012	0.034 41 0.008 0.008 0.010 0.012 0.013 0.013 0.015 0.012 0.010 0.012	0.031 42 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.014	0.028 43 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012	0.025 44 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012	0.023 45 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012	0.022 46 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.014	0.021 47 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.014	0.020 48 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012	0.019 49 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012	50 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012	51 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012	52 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012 0.010
	0.037 40 0.007 0.007 0.010 0.013 0.011 0.014 0.016 0.013 0.010 0.012 0.047 0.032	0.034 41 0.008 0.008 0.010 0.012 0.013 0.013 0.015 0.012 0.010 0.012 0.045 0.031	0.031 42 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029	0.028 43 0.009 0.009 0.010 0.012 0.013 0.012 0.014 0.012 0.010 0.012	0.025 44 0.009 0.009 0.010 0.013 0.010 0.012 0.014 0.012 0.014 0.012	0.023 45 0.009 0.009 0.010 0.012 0.014 0.012 0.010 0.012 0.014 0.012	0.022 46 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012	0.021 47 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012	0.020 48 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.014 0.012 0.044 0.029	0.019 49 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012	50 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012	51 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012	52 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012 0.014 0.012
	0.037 40 0.007 0.010 0.013 0.011 0.014 0.016 0.013 0.010 0.012 0.047 0.032 0.029	0.034 41 0.008 0.008 0.010 0.012 0.010 0.013 0.015 0.012 0.010 0.045 0.031 0.027	0.031 42 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026	0.028 43 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026	0.025 44 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026	0.023 45 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026	0.022 46 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026	0.021 47 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026	0.020 48 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.014 0.012 0.044 0.029 0.026	0.019 49 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012 0.014 0.012 0.010 0.012	50 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026	51 0.009 0.009 0.010 0.012 0.010 0.013 0.014 0.012 0.014 0.012 0.044 0.029 0.026	0.029 52 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.014 0.029 0.026
	0.037 40 0.007 0.007 0.010 0.013 0.011 0.014 0.016 0.013 0.010 0.012 0.047 0.032	0.034 41 0.008 0.008 0.010 0.012 0.010 0.013 0.015 0.012 0.010 0.045 0.031 0.027	0.031 42 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026 0.027	0.028 43 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012 0.010 0.012 0.010 0.012	0.025 44 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026 0.027	0.023 45 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012 0.029 0.026 0.027	0.022 46 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026 0.027	0.021 47 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026 0.027	0.020 48 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026 0.027	0.019 49 0.009 0.010 0.012 0.010 0.013 0.014 0.012 0.014 0.012 0.014 0.029 0.026 0.027	50 0.009 0.009 0.010 0.012 0.010 0.013 0.014 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026 0.027	51 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.012 0.014 0.029 0.026 0.027	0.029 52 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.014 0.029 0.026 0.027
	0.037 40 0.007 0.010 0.013 0.011 0.014 0.016 0.013 0.010 0.012 0.047 0.032 0.029	0.034 41 0.008 0.008 0.010 0.012 0.010 0.013 0.015 0.012 0.010 0.045 0.031 0.027	0.031 42 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026 0.027	0.028 43 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012 0.010 0.012 0.010 0.012	0.025 44 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026 0.027	0.023 45 0.009 0.010 0.012 0.010 0.013 0.014 0.012 0.014 0.012 0.044 0.029 0.026 0.026	0.022 46 0.009 0.010 0.012 0.010 0.013 0.014 0.012 0.016 0.012 0.044 0.029 0.026 0.027 0.026	0.021 47 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026 0.027 0.026	0.020 48 0.009 0.010 0.012 0.010 0.013 0.014 0.012 0.014 0.012 0.044 0.029 0.026 0.027 0.026	0.019 49 0.009 0.010 0.012 0.010 0.013 0.014 0.012 0.014 0.012 0.044 0.029 0.026 0.027 0.026	50 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.014 0.012 0.010 0.012 0.044 0.029 0.026 0.027 0.026	51 0.009 0.009 0.010 0.012 0.010 0.013 0.014 0.012 0.014 0.012 0.044 0.029 0.026 0.027 0.026	52 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012 0.014 0.029 0.026 0.027 0.026
	0.037 40 0.007 0.007 0.010 0.013 0.011 0.014 0.016 0.013 0.010 0.012 0.047 0.032 0.029 0.026	0.034 41 0.008 0.008 0.010 0.012 0.013 0.015 0.015 0.012 0.045 0.031 0.027 0.026	0.031 42 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026 0.027 0.026	0.028 43 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012 0.020 0.020 0.027 0.026	0.025 44 0.009 0.009 0.010 0.012 0.010 0.013 0.014 0.012 0.014 0.012 0.044 0.029 0.026 0.027 0.026	0.023 45 0.009 0.010 0.012 0.010 0.013 0.010 0.014 0.012 0.010 0.012 0.044 0.029 0.026 0.026	0.022 46 0.009 0.010 0.012 0.010 0.013 0.014 0.012 0.016 0.012 0.044 0.029 0.026 0.027 0.026	0.021 47 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026 0.027	0.020 48 0.009 0.010 0.012 0.010 0.013 0.014 0.012 0.014 0.012 0.044 0.029 0.026 0.027 0.026	0.019 49 0.009 0.010 0.012 0.010 0.013 0.014 0.012 0.014 0.012 0.044 0.029 0.026 0.026	50 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026 0.026 0.024	51 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026 0.026 0.024	52 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012 0.014 0.029 0.026 0.027 0.026
	0.037 40 0.007 0.007 0.010 0.013 0.011 0.014 0.016 0.013 0.010 0.012 0.047 0.032 0.029 0.026	0.034 41 0.008 0.008 0.010 0.012 0.013 0.015 0.012 0.010 0.012 0.045 0.031 0.027 0.026	0.031 42 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.026 0.026 0.027 0.026 0.026	0.028 43 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026 0.027 0.026	0.025 44 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.016 0.012 0.029 0.026 0.026	0.023 45 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.044 0.029 0.026 0.026	0.022 46 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026 0.027 0.026	0.021 47 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026 0.027 0.024 0.019	0.020 48 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.029 0.026 0.024 0.024 0.019	0.019 49 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.014 0.029 0.026 0.024 0.024 0.019	50 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012 0.029 0.026 0.027 0.026 0.024 0.019	51 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.014 0.029 0.026 0.027 0.024 0.019	52 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026 0.027 0.026 0.024 0.019
	0.037 40 0.007 0.007 0.010 0.013 0.011 0.014 0.016 0.013 0.010 0.012 0.047 0.032 0.029 0.026 0.027 0.024	0.034 41 0.008 0.008 0.010 0.012 0.013 0.015 0.012 0.010 0.012 0.045 0.027 0.026 0.024 0.024	0.031 42 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026 0.024 0.024 0.019	0.028 43 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012 0.029 0.026 0.027 0.026	0.025 44 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.014 0.029 0.026 0.027 0.024 0.019	0.023 45 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026 0.024 0.019	0.022 46 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026 0.027 0.026 0.024 0.019	0.021 47 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026 0.026 0.024	0.020 48 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.029 0.026 0.024 0.019 0.025	0.019 49 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.014 0.029 0.026 0.024 0.019 0.025	50 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.014 0.029 0.026 0.027 0.026 0.024 0.019 0.025	51 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.014 0.029 0.026 0.027 0.024 0.019 0.025	52 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.014 0.012 0.044 0.029 0.026 0.027 0.026 0.024 0.019 0.025
	0.037 40 0.007 0.007 0.010 0.013 0.011 0.014 0.016 0.013 0.010 0.012 0.047 0.032 0.029 0.024 0.021 0.026	0.034 41 0.008 0.008 0.010 0.012 0.013 0.015 0.012 0.010 0.012 0.045 0.026 0.024 0.026	0.031 42 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026 0.027 0.024 0.019 0.025	0.028 43 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.014 0.029 0.026 0.027 0.026 0.025	0.025 44 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.014 0.029 0.026 0.027 0.026 0.024 0.015	0.023 45 0.009 0.009 0.010 0.012 0.014 0.012 0.014 0.012 0.044 0.029 0.026 0.024 0.015 0.025	0.022 46 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026 0.027 0.026 0.024 0.019 0.025	0.021 47 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026 0.027 0.024 0.019	0.020 48 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.029 0.026 0.027 0.026 0.024 0.019 0.025	0.019 49 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.014 0.029 0.026 0.027 0.026 0.024 0.019 0.025	50 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.014 0.029 0.026 0.027 0.026 0.024 0.019 0.025	51 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.014 0.029 0.026 0.027 0.024 0.019 0.025 0.039	52 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.014 0.029 0.026 0.027 0.026 0.027 0.025 0.039
	0.037 40 0.007 0.007 0.010 0.013 0.011 0.014 0.016 0.013 0.010 0.012 0.047 0.032 0.029 0.026 0.021 0.026 0.043	0.034 41 0.008 0.008 0.010 0.012 0.013 0.015 0.012 0.012 0.012 0.012 0.027 0.026 0.026 0.026 0.026	0.031 42 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026 0.027 0.026 0.024 0.019 0.039	0.028 43 0.009 0.009 0.010 0.012 0.013 0.010 0.012 0.014 0.012 0.010 0.012 0.029 0.026 0.027 0.026 0.025 0.039	0.025 44 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.014 0.029 0.026 0.027 0.026 0.025 0.039	0.023 45 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012 0.029 0.026 0.025 0.039	0.022 46 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.014 0.029 0.026 0.027 0.026 0.024 0.019 0.025 0.039	0.021 47 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026 0.027 0.026 0.024 0.019 0.025 0.039	0.020 48 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.014 0.029 0.026 0.027 0.026 0.024 0.019 0.039	0.019 49 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.014 0.029 0.026 0.027 0.026 0.025 0.039	50 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.029 0.026 0.027 0.026 0.024 0.019 0.025 0.039	51 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.014 0.029 0.026 0.027 0.024 0.019 0.025	52 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.014 0.029 0.026 0.027 0.026 0.027 0.025 0.039
	0.037 40 0.007 0.007 0.010 0.013 0.011 0.014 0.016 0.013 0.010 0.012 0.047 0.032 0.029 0.024 0.021 0.026	0.034 41 0.008 0.008 0.010 0.012 0.010 0.013 0.015 0.012 0.010 0.012 0.045 0.026 0.026 0.026 0.026 0.026	0.031 42 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026 0.027 0.026 0.024 0.019 0.039 0.037	0.028 43 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.014 0.029 0.026 0.027 0.026 0.025 0.039 0.037	0.025 44 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.014 0.029 0.026 0.027 0.026 0.025 0.039 0.037	0.023 45 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.014 0.029 0.026 0.027 0.026 0.025 0.035 0.035	0.022 46 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.016 0.029 0.026 0.027 0.026 0.027 0.026 0.027 0.026 0.027 0.039 0.037	0.021 47 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.010 0.012 0.029 0.026 0.027 0.026 0.027 0.025 0.039 0.037	0.020 48 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.014 0.029 0.026 0.027 0.026 0.027 0.026 0.025 0.039 0.037	0.019 49 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.014 0.029 0.026 0.027 0.026 0.025 0.039 0.037	0.018 50 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.014 0.029 0.026 0.027 0.026 0.027 0.026 0.027 0.026 0.039 0.037	0.023 51 0.009 0.009 0.010 0.012 0.010 0.012 0.014 0.012 0.014 0.029 0.026 0.027 0.026 0.027 0.026 0.025 0.039 0.037	52 0.009 0.009 0.010 0.012 0.010 0.013 0.010 0.012 0.014 0.012 0.010 0.012 0.044 0.029 0.026 0.027 0.026 0.024 0.019 0.039 0.039

11	20	791		100	30			5 m 3	1			0.00	0 00 1
1	0.038	0.036	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034
ı	0.042	0.040	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039
l	0.051	0.048	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046
١	0.043	0.039	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036
ı	0.049	0.045	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040
1	0.075	0.070	0.065	0.065	0.065	0.065	0.065	0.065	0.065	0.065	0.065	0.065	0.065
L	0.044	0.043	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042
1	0.042	0.040	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039
1	0.049	0.048	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046
١	0.044	0.042	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039
1	0.043	0.040	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037
ı	0.050	0.047	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044
ı	0.028	0.035	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045
1	0.035	0.042	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051
1	0.032	0.039	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047
1	0.031	0.036	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.043
1	0.034	0.041	0.049	0.049	0.049	0.049	0.049	0.049	0.049	0.049	0.049	0.049	0.049
ı	0.036	0.044	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053
١	0.029	0.035	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041
١	0.025	0.029	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035
1	0.022	0.026	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031
1	0.019	0.023	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027
١	0.022	0.026	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030
1	0.028	0.033	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039
١	0.034	0.043	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053	0.053
1	0.037	0.048	0.061	0.061	0.061	0.061	0.061	0.061	0.061	0.061	0.061	0.061	0.061
L	0,007	U.V. IO	0.001	01001									

53	54	55	56	57	58	5 9	60	61	62	63	64
0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009	0.009
0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012
0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013
0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012
0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014
0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012
0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012
0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044
0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029
0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026
0.027	-	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027
0.026	1000	0.026	0.02€	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026
0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024
0.019	THE REAL PROPERTY.	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019
0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025		The second second second	
0.039		0.039	200000	0.039	0.039	0.039		0.039			
0.03	111111111111111111111111111111111111111	0.03	0.037	0.037	0.037	0.037	0.037	0.037	0.037		
0.035			0.035	0.035	0.035	0.03	0.035	0.035	0.035	The state of the s	
0.034	1000000	0.034	100000000000000000000000000000000000000	0.034	0.034	0.034	0.034	0.034		1 Start	0.034
0.039	The second second	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039

0.036 0.040 0.065 0.065 0.065 0.065 0.065 0.065 0.065 <td< th=""><th>046 036 040 065 089 089 095 093</th></td<>	046 036 040 065 089 089 095 093
0.040 0.065 0.065 0.065 0.065 0.065 0.065 0.065 0.065 0.065 0.065 0.065 0.065 0.089 0.089 0.089 0.089 0.089 0.089 0.089 0.089 0.089 0.089 0.089 0.089 0.089 0.095 0.095 0.095 0.095 0.095 0.095 <td< td=""><td>040 065 089 089 095 093</td></td<>	040 065 089 089 095 093
0.065 0.089 0.089 0.089 0.089 0.089 0.089 0.089 0.089 0.089 0.089 0.089 0.089 0.095	065 089 089 095 093
0.049 0.057 0.066 0.077 0.089 0.095 <td< td=""><td>089 089 095 093</td></td<>	089 089 095 093
0.046 0.054 0.064 0.075 0.089 0.089 0.089 0.089 0.089 0.089 0.089 0.089 0.089 0.085 0.095 0.005	089 095 093
0.053 0.062 0.071 0.082 0.095 0.095 0.095 0.095 0.095 0.095 0.095	095 093
0.000 0.001 0.002 0.000	093
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0.040 0.051 0.000 0.071 0.000	100
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U.U.O	086
0.040 0.031 0.031 0.004 0.072 0.072 0.074	072
0.003 0.003 0.003	065
0.000 0.040 0.040 0.001	057
0.051 0.052 0.074 0.050	050
0.000 0.000 0.000	055
0.040 0.040 0.000 0.000	065
0.007 0.002 0.000 0.075 0.000	.080
0.064 0.068 0.071 0.075 0.080 0.080 0.080 0.080 0.080 0.080 0.080 0.080 0	080

Table C-16: Estimated Rate of Female Unemployment by Age

Year	_15_	16	17	18	19	20	21	22	23	24	25	26
1947	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
1948	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
1949	0.021	0.019	0.017	0.016	0.014	0.013	0.012	0.011	0.011	0.011	0.011	0.011
1950	0.019	0.018	0.017	0.015	0.014	0.013	0.013	0.012	0.012	0.012	0.012	0.012
1951	0.021	0.019	0.017	0.015	0.014	0.012	0.011	0.010	0.010	0.010	0.010	0.010
1952	0.019	0.018	0.017	0.016	0.015	0.014	0.013	0.012	0.012	0.012	0.012	0.012
1953	0.025	0.023	0.021	0.019	0.017	0.015	0.014	0.013	0.013	0.013	0.013	0.013
1954	0.024	0.023	0.021	0.020	0.019	0.018	0.017	0.016	0.016	0.016	0.016	0.016
1955	0.025	0.024	0.023	0.022	0.021	0.020	0.019	0.018	0.018	0.018	0.018	0.018
1956	0.026	0.025	0.023	0.022	0.021	0.019	0.018	0.017	0.017	0.017	0.017	0.017
1957	0.019	0.019	0.018	0.018	0.017	0.017	0.016	0.016	0.016	0.016	0.016	0.016
1958	0.019	0.019	0.018	0.018	0.017	0.017	0.016		0.016	0.016	0.016	0.016
1959	0.016	0.019	0.022	0.027	0.032	0.038	0.046			0.054	0.054	0.054
1960	0.013	0.016	0.018	0.021	0.025	0.029	0.034	0,040	0.040	0.040	0.040	0.040
1961	0.010	0.012	0.014	0.017	0.021	0.026	0.031	A Contraction of		0.038	0.038	0.038
1962	0.010	0.012	0.014	0.017	0.021	0.026	0.031	D. C. Spinistrick		0.038	0.038	0.038
1963	0.010	0.012	0.015	0.018	0.022	0.027	0.033	4400 BULL	0.041	0.041	0.041	0.041
1964	0.011	0.014	0.016	0.019	0.022	0.026	ORDER WALLEY	0.037	0.037	0.037	0.037	0.037
1965	0.016	0.018	0.021	0.024	0.027	0.031	0.035		5245	0.040	0.040	0.040
1966	0.009	0.01	0.014	0.018	0.022			1 12 22	100 To 10	0.045	The second second	0.045
1967	0.012	0.01	0.019	0.023	0.029		1		0.1716.8	0.058	0.058	0.058
1968	0.014	0.01	0.020	0.024	0.028	1				0.045		0.045
1969	0.012	0.01	0.018	0.021	0.025	1.00 9.00 00.00	1		1713	0.043		0.043
1970	0.008	0.01	0.013	0.016	0.020		A CONTRACT OF THE	Total Control of the	200	0.040	0.040	0.040
1971	0.010	0.013	0.015	0.018	1 CONT.	1000	100 0000			0.039	0.039	0.039
1972	0.01	0.014	0.01	0.021	0.025	0.031	0.038	0.046	0.046	0.046	0.046	0.046

	1140					- 1			-	1	1	and the same of
1973	0.012	0.015	0.018	0.021	0.026	0.031	0.038	0.046	0.046	0.046	0.046	0.046
1974	0.015	0.017	0.021	0.025	0.031	0.037	0.044	0.053	0.053	0.053	0.053	0.053
1975	0.015	0.019	0.024	0.030	0.037	0.046	0.058	0.073	0.073	0.073	0.073	0.073
1976	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.032	0.037	0.042	0.049
1977	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.036	0.042	0.049	0.058
1978	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.038	0.045	0.054	0.065
1979	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.038	0.046	0.056	0.067
1980	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.039	0.047	0.057	0.070
1981	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.045	0.054	0.065	0.078
1982	0.043	0.043	0.043	0.043	0.043	0.043	0.043	0.044	0.041	0.039	0.037	0.035
1982	0.055	0.053	0.051	0.049	0.048	0.046	0.044	0.043	0.042	0.041	0.040	0.039
	PRESIDENCE.	0.053	0.051	0.050	0.050	0.050	0.050	0.049	0.048	0.046	0.045	0.044
1984	0.051			0.053	0.051	0.049	0.047	0.045	0.045	0.046	0.047	0.047
1985	0.060	0.058	0.056	The second second	W	0.054	0.050	0.047	0.047	0.048	0.048	0.048
1986	0.072	0.068	0.064	0.060	0.057	100000000000000000000000000000000000000	The state of the s	0.043	0.044	0.044	0.045	0.045
1987	0.097	0.086	0.077	0.069	0.061	0.055	0.049	0.043	0.043	0.043	0.043	0.044
1988	0.074	0.069	0.063	0.058	0.054	0.050	0.046	88.500.000.000	0.038	0.038	0.045	0.039
1989	0.071	0.065	0.060	0.054	0.050	0.045	0.041	0.038	and the same of the same of	0.037	0.037	0.037
1990	0.069	0.063	0.057	0.053	0.048	0.044	0.040	0.037	0.037		0.037	0.039
1991	0.069	0.063	0.058	0.053	0.049	0.045	0.041	0.038	0.038	0.039		
1992	0.073	0.066	0.060	0.055	0.049	0.045	0.041	0.037	0.036	0.036	0.036	0.035
1993	0.069	0.066	0.063	0.061	0.058	0.055	0.053	0.051	0.049	0.048	0.047	0.046
1994	0.076	0.072	0.068	0.064	0,060	0.056	0.053	0.050	0.051	0.052	0.052	0.053
1995	0.082	0.078	0.075	0.071	0.068	0.064	0.061	0.058	0.057	0.056	0.055	0.053
1111-01												
27	28	_ 29	30	31	32	33	34	35	36	37	38	39
0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
0.006		0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
0.011		0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.010	0.010
0.012		0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.009
0.010	2332	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.009	0.009
0.012	1 1 1 1 1 1 1 1	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.011	0.011
0.013	1	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.012	0.011
0.016		0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.015	0.014
0.018		0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.018	0.017	0.015
0.017		0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.017	0.016	0.014
0.017		0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.016	0.014	0.013
0.016		0.016			0.016		0.016		0.016	0.016	0.014	0.012
0.010	900 0000 0000	0.054	The second secon	0.054	0.054		0.054	0.054	0.054	0.054	0.048	0.043
0.034	S. Committee of	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.039	0.038
	100000000000000000000000000000000000000	0.038	TWO STATES	The state of the s	0.038	and the second second	0.038	0.038	0.038	0.038	0.036	0.034
0.038		0.038	100000	0.038	0.038	- No. 25 - April 19	0.038	0.038	0.038	0.038	0.037	0.036
0.038		0.036	0.041	0.034	0.038	0.038	0.041	0.041	0.041	0.041	0.039	0.037
0.041		0.041	-	0.037	0.037	100	0.037	0.037	0.037	0.037	0.034	0.032
0.037			(- 71)	0.037	0.037	0.040	0.040	0.040	0.040	0.040	0.038	0.035
0.040		0.040			0.045		0.045	0.045	0.045	0.045	0.041	0.037
0.045	and the same trade	0.045	and the second second	100000	0.043	1 1 1 1 1 1 1	0.058	0.058	0.058	0.058	0.048	0.040
0.058		0.058		and the second		1 1 1 1 1 1 1	0.036		0.036	0.035	0.037	0.031
0.045	The Control of the Control	0.045	A 100 MILES	100000000000000000000000000000000000000	0.045		0.043		0.043	0.043	0.037	0.032
0.043	The state of the s	0.043	19 (22)		0.043	The second second	0.043		0.043	0.040	0.037	0.032
0.040		0.040	THE RESERVE	100000	0.040	100000000000000000000000000000000000000	the contract of the contract o		0.039	0.039	0.034	0.030
0.039	1 1 1 1 1 1 1	0.039		1000000	0.039		0.039	A CONTRACTOR	0.039	0.039	0.034	0.036
0.046	17.7				100 100 100	10 (A) (A) (A) (A) (A) (A) (A)	The second second	The second of the second	0.046	100000000000000000000000000000000000000	i managan da	
0.040					100000000000000000000000000000000000000	100		120000	364.73.73			and the second second
I 0.0355	21 (11)	0.053	0.053	4 11 11 11	0.000	0.053	U.U.U	0.000	U.U.J.	0.000	O.UMU	0.000
0.053	0.053	0.055	1 0.0	4 0.0.0								

÷	,										0 000	oped	and
١	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.066	0.060
١	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.050	0.045
1	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.057	0.049
١	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.068	0.059
1	0.082	0.082	0.082	0.082	0.082	0.082	0.082	0.082	0.082	0.082	0.082	0.070	0.060
١	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.085	0.072	0.061
١	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.093	0.077	0.064
1	0.033	0.032	0.030	0.029	0.027	0.026	0.024	0.023	0.021	0.020	0.019	0.022	0.026
1	0.038	0.036	0.035	0.033	0.032	0.031	0.029	0.028	0.027	0.026	0.024	0.028	0.033
1	0.042	0.039	0.036	0.034	0.031	0.029	0.028	0.028	0.028	0.027	0.027	0.031	0.035
1	0.048	0.044	0.040	0.036	0.033	0.031	0.029	0.027	0.025	0.024	0.022	0.026	0.031
1	0.048	0.044	0.041	0.038	0.035	0.033	0.030	0.029	0.027	0.025	0.023	0.028	0.033
١		0.042	0.038	0.035	0.032	0.029	0.028	0.027	0.026	0.025	0.024	0.028	0.033
1	0.046			0.035	0.032	0.030	0.028	0.026	0.025	0.023	0.022	0.026	0.031
١	0.044	0.041	0.038			0.030	0.028	0.025	0.023	0.022	0.020	0.023	0.027
1	0.039	0.037	0.035	0.033	0.031		The second second	A COLUMN THE PARTY OF THE PARTY	0.023	0.022	0.021	0.024	0.027
1	0.037	0.034	0.031	0.029	0.027	0.025	0.024	0.023			0.021	0.025	0.028
- 1	0.040	0.036	0.033	0.030	0.027	0.025	0.024	0.024	0.023	0.023		0.023	0.026
١	0.035	0.034	0.033	0.032	0.031	0.030	0.027	0.025	0.023	0.021	0.019	2.5	1
١	0.045	0.043	0.040	0.038	0.036	0.034	0.032	0.030	0.028	0.026	0.024	0.028	0.032
-	0.054	0.050	0.047	0.044	0.041	0.038	0.035	0.032	0.030	0.027	0.025	0.029	0.035
Į	0.052	0.051	0.050	0.049	0.048	0.047	0.043	0.039	0.036	0.033	0.030	0.035	0.041
	40	41	42	43	44	45	46	47	48	49	50	51	52
	0.006	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
	0.006	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
	0.009	0.009	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
	0.008	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
	0.008	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
	0.010	0.009	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
	0.011	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
	0.013	0.012	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011
	0.014	0.013	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012
	0.013	0.012	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
	0.012	0.011	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
	0.011	0.010	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
	0.038	0.034	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030
	0.037	0.036	0.035	0.035		10.00	0.035	0.035	0.035	0.035	0.035	0.035	0.035
	0.032	0.030	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028
	0.035	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034
	0.035	0.034	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032
	0.030	0.028	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026
	0.033	0.031	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029
	0.034	0.031	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028
	0.033	0.027	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023
	0.026	14031	0.018	0.018	0.018	0.018	0.018	0.018		0.018	0.018	0.018	0.018
	0.028	0.021	0.013	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	75
	0.020	0.025	0.021	0.021		0.013	0.013	0.013		0.013	0.013	0.013	- S
	0.020	0.016	0.013	0.013	0.013	0.013	0.021	0.021	0.021	0.021	0.021	0.021	
		0.024	0.021	0.021	100000000000000000000000000000000000000	0.021	Company of the last of	0.025		0.025	0.025	0.025	
	0.032		0.023	0.023		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.024	0.024	1 1 1 1 1 1 1 1 1 1	0.024	0.024	0.024	
	0.031	0.028			100		W. W. T.	0.025		0.025	CSS1546, 68553	0.025	
	0.034	0.029	0.025				100000000000000000000000000000000000000	0.025		0.045	the second of the	0.045	Control of the Contro
	0.055	The second second											70.00 HE X 20.20
	0.040	0.036	0.032	0.032	4 0.032	1 0.032	0.032	0.032	V10072	0.052	O TOUR	O. Company	No. Section and

Ì	0.042	0.036	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031
١	0.051	0.044	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038
١	0.051	0.044	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038
١	0.052	0.044	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037
١	0.053	0.044	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036
١	0.030	0.036	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042
1	0.038	0.043	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
1	0.039	0.045	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051
1	0.037	0.043	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051
١	0.040	0.047	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056
١	0.040	0.047	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056
1	0.036	0.042	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
1	0.031	0.036	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041	0.041
١	0.030	0.034	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038
١	0.031	0.034	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038
	0.030	0.034	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039
1	0.036	0.041	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047	0.047
	0.041	0.048	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.057	0.057
١	0.048	0.057	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.067
									A11-				
	53	54	55	5 6	57	58	59	60	61	62	63	64	
1	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	
	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	
	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	
	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	
	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	
	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	
	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	
	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	0.011	
	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	0.012	
	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	
	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	
	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	
	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	
	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	
	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	
	0.034		0.034	0.034	0.034	0.034				0.034	0.034	0.034	
	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032		0.032	0.032	0.032	
	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026		0.026	0.026	0.026	
	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029		0.029	0.029	0.029	
	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	F (4.5% \$ 6.6%)	0.028	0.028	0.028	
	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023		0.023	0.023	0.023	
	0.018	0.018	0.018	0.018	0.018	0.018		0.018		0.018	0.018	0.018	
	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	100	0.021	0.021	0.021	
	0.013	0.013	0.013	0.013	0.013	0.013		0.013		0.013	0.013	0.013	
	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021		0.021	0.021	0.021	į.
	0.025	0.025	0.025	0.025	0.025	0.025		0.025		0.025	0.025	0.025	
	0.024	0,024	0.024	0.024	0.024	0.024	and the latter of the	0.024		0.024	0.024	0.024	
	0.025	0.025	0.025	0.025	0.025	0.025	1 - Carlotte - Carlott	0.025	57,775,557	0.025	0.025	0.025	
	0.045	0.045	0.045	0.045	0.045	0.045	1 7 0 3	0.045		0.045	1000	A COLUMN	
	0.027	0.024	0.020	0.018	0.015	0.015		0.000111000-05/0	923,050	0.015		0.015	
	0.029	0.027	0.025	The second second						0.022	1	100000000000000000000000000000000000000	66
	0.033	0.030	0.026	0.023	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	li .

0.033	0.029	0.026	0.022	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020
0.033	0.029	0.025	0.022	0.019	0.019	0.019	0.019	0.019	0.019	0.019	0.019
0.035	0.034	0.033	0.032	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031
0.038	0.034	0.030	0.027	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024
0.045	0.040	0.036	0.032	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029
0.047	0.043	0.040	0.037	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034
0.047	0.043	0.039	0.036	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033
0.051	0.045	0.041	0.037	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033
0.051	0.047	0.044	0.040	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037
0.047	0.044	0.041	0.038	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036
0.039	0.036	0.034	0.032	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030
0.035	0.032	0.029	0.026	0.024	0.024	0.024	0.024	0.024	0.024	0.024	0.024
0.036	0.033	0.031	0.029	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027
0.035	0.031	0.028	0.025	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022
0.042	0.037	0.033	0.029	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026
0.050	0.045	0.039	0.035	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031
0.059	0.052	0.045	0.040	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035

Table C-17: Average Monthly Contractual Earnings of Male Workers by Age Groups (¥)

	by A	ige Gro	ups (#)						
Year	All ages	~17	18~19	20~24	25~29	30~34	35~39	40~44	45~49
1954	16,937	5,002	8,019	11,427	15,397	18,890	21,254	23,349	*
1958	19,649	5,652	8,871	12,338	17,526	22,178	25,704	28,631	*
1959	20,522	6,128	9,322	13,025	18,276	23,123	26,854	29,967	alt
1960	22,003	6,737	10,302	14,134	19,493	24,701	28,706	32,101	*
1961	23,861	7,944	11,974	15,863	21,361	26,669	30,956	34,633	*
1962	27,174	9,264	14,046	18,370	24,541	30,165	34,460	38,701	38
1963	29,703	10,364	15,526	20,401	26,930	32,863	37,085	41,790	*
1964	32,100	12,200	17,400	23,100	30,000	35,700	39,500	44,000	*
1965	35,500	14,200	18,900	25,300	32,800	39,100	43,400	48,400	*
1966	38,900	16,000	20,600	27,900	35,600	42,500	47,400	52,200	*
1967	42,800	16,700	22,700	30,300	39,300	46,900	52,000	57,200	*
1968	51,200	20,900	27,800	35,700	46,800	55,800	61,400	67,500	*
1969	58,000	24,200	32,300	40,500	53,300	63,600	69,000	75,100	*
1970	68,400	29,300	38,400	47,900	62,600	74,300	80,800	87,200	*
1971	77,000	33,700	43,800	54,800	70,000	83,000	90,300	96,700	*
1972	88,300	38,500	50,600	63,000	79,200	94,400	102,800	109,700	*
1973	107,500	47,000	61,100	75,700		113,600	122,900	130,100	134,800
1974	133,400	59,500	75,400	92,900	114,700	139,800	154,600	159,900	164,600
1975	150,200	66,000	83,600	102,400	127,500	154,700	1.00	179,500	185,500
1976	166,100	72,100	91,100	112,700	142,300	172,800	1.5	100	202,500
1977	182,800	77,400	97,300	121,600	154,400	186,700		90	222,800
1978	194,900	80,200	103,800	126,700		195,500	220,900	234,000	237,300
1979	206,600	86,000	109,500	134,400	171,100				251,000
1980	198,600	88,700	102,200		The state of the s			The second second second second	245,600
1981	234,600	94,800	121,800			100000000000000000000000000000000000000			287,400
1982	222,000	97,100	113,400	136,800		214,600	A ESSE (20 C. 2)		277,300
1983	229,300	98,500	116,200						286,900
1984	237,500	102,300	120,000	0	5.927	(2)			300,000
1985	244,600	103,200	123,100				FF 5000		308,900
1986	252,400	106,300	125,800	The second second	The second secon	232,600			320,000
1987	257,700	109,800	129,100	154,200	191,300	235,000	275,000	309,800	327,500

1988	264,400	110,900	132,000	159,400	197,400	241,700	281,200	315,500	337,500
1989	276,100	119,300	137,200	166,200	205,000	250,700	291,000	327,100	352,500
1990	290,500	125,600	144,900	175,400	216,200	262,600	305,600	342,700	369,700
1991	303,800	131,200	154,900	185,600	226,900	274,800	317,300	356,200	386,400
1992	313,500	140,100	160,400	193,000	236,800	284,800	328,200	369,000	398,400
1993	349,400	145,000	183,400	222,300	274,700	326,700	366,900	402,000	433,000
1994						331,500			
1995	361,300	145,300	189,300	227,700	280,700	334,100	378,000	410,600	441,500

21,801 * 15,119 26,185 * * 27,252 * * 28,896 * * 33,034 * 23,668 30,915 * 25,931 39,602 * 28,606 41,900 * 30,300 46,800 * 33,100 50,700 * 36,400 54,800 * 38,100 64,600 * 44,500 71,800 * 48,700 83,600 * 56,700 92,900 * 63,100 104,100 * 70,800 137,100 111,600 92,000 166,600 139,700 114,400 187,400 160,300 125,300 203,300 171,400 135,800 222,900 188,500 147,700 236,300 202,700 163,000 244,500 213,000 169,900 241,100 210,600 171,900 282,200 243,200	50~54	55~59	60~64
27,252 * * * 33,034 * 23,668 30,915 * 25,931 39,602 * 28,606 41,900 * 30,300 46,800 * 33,100 50,700 * 36,400 54,800 * 38,100 64,600 * 44,500 71,800 * 48,700 83,600 * 56,700 92,900 * 63,100 104,100 * 70,800 137,100 111,600 92,000 166,600 139,700 114,400 187,400 160,300 125,300 203,300 171,400 135,800 222,900 188,500 147,700 236,300 202,700 163,000 248,500 213,000 169,900 241,100 210,600 171,900 282,200 243,200 192,400 270,400 234,600 189,400 280,000 256,900 208,100 292,000 281,300 218,900 302,000 263,900 214,000 311,800 272,400 226,900 321,400 281,100 229,900 333,000 289,100 227,000 333,000 289,100 229,900 333,000 289,100 227,000 337,700 347,300 302,200 241,500 367,900 249,600 227,000 386,000 392,600 2272,400 440,000 392,600 295,300 449,300 405,200 306,500		*	15,119
28,896 * * 33,034 * 23,668 30,915 * 25,931 39,602 * 28,606 41,900 * 30,300 46,800 * 33,100 50,700 * 36,400 54,800 * 38,100 64,600 * 44,500 71,800 * 48,700 83,600 * 56,700 92,900 * 63,100 104,100 * 70,800 137,100 111,600 92,000 166,600 139,700 114,400 187,400 160,300 125,300 203,300 171,400 135,800 222,900 188,500 147,700 236,300 202,700 163,000 248,500 213,000 169,900 241,100 210,600 171,900 282,200 243,200 192,400 280,000 256,900 208,100 292,000 281,300 218,900 302,000	26,185	*	*
28,896 * * 33,034 * 23,668 30,915 * 25,931 39,602 * 28,606 41,900 * 30,300 46,800 * 33,100 50,700 * 36,400 54,800 * 38,100 64,600 * 44,500 71,800 * 48,700 83,600 * 56,700 92,900 * 63,100 104,100 * 70,800 137,100 111,600 92,000 166,600 139,700 114,400 187,400 160,300 125,300 203,300 171,400 135,800 222,900 188,500 147,700 236,300 202,700 163,000 248,500 213,000 169,900 241,100 210,600 171,900 282,200 243,200 192,400 280,000 256,900 208,100 292,000 281,300 218,900 302,000		*	*
33,034 * 23,668 30,915 * 25,931 39,602 * 28,606 41,900 * 30,300 46,800 * 33,100 50,700 * 36,400 54,800 * 38,100 64,600 * 44,500 71,800 * 48,700 83,600 * 56,700 92,900 * 63,100 104,100 * 70,800 137,100 111,600 92,000 166,600 139,700 114,400 187,400 160,300 125,300 203,300 171,400 135,800 222,900 188,500 147,700 236,300 202,700 163,000 248,500 213,000 169,900 241,100 210,600 171,900 282,200 243,200 192,400 270,400 234,600 189,400 280,000 256,900 208,100 292,000 281,300 192,400 270,400 234,600 189,400 280,000 256,900 208,100 292,000 281,300 218,900 302,000 263,900 214,000 311,800 272,400 226,900 321,400 281,100 229,900 333,000 289,100 237,700 347,300 302,200 241,500 367,900 249,600 227,000 386,000 341,200 261,300 449,300 405,200 306,500	F 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	*	*
39,602 * 28,606 41,900 * 30,300 46,800 * 33,100 50,700 * 36,400 54,800 * 38,100 64,600 * 44,500 71,800 * 48,700 83,600 * 56,700 92,900 * 63,100 104,100 * 70,800 137,100 111,600 92,000 166,600 139,700 114,400 187,400 160,300 125,300 203,300 171,400 135,800 222,900 188,500 147,700 236,300 202,700 163,000 241,100 210,600 171,900 282,200 243,200 192,400 270,400 234,600 189,400 280,000 256,900 208,100 292,000 281,300 169,900 311,800 272,400 226,900 311,800 272,400 226,900 321,400 281,100 229,900 333,000 289,100 237,700 347,300 302,200 241,500 367,900 249,600 227,000 386,000 341,200 261,300 449,300 405,200 306,500		*	23,668
41,900 * 30,300 46,800 * 33,100 50,700 * 36,400 54,800 * 38,100 64,600 * 44,500 71,800 * 48,700 83,600 * 56,700 92,900 * 63,100 104,100 * 70,800 137,100 111,600 92,000 166,600 139,700 114,400 187,400 160,300 125,300 203,300 171,400 135,800 222,900 188,500 147,700 236,300 202,700 163,000 248,500 213,000 169,900 241,100 210,600 171,900 282,200 243,200 192,400 270,400 234,600 189,400 280,000 256,900 208,100 292,000 281,300 218,900 321,400 281,100 229,900 333,000 289,100 237,700 347,300 302,200 241,500	30,915	*	25,931
46,800 * 33,100 50,700 * 36,400 54,800 * 38,100 64,600 * 44,500 71,800 * 48,700 83,600 * 56,700 92,900 * 63,100 104,100 * 70,800 137,100 111,600 92,000 166,600 139,700 114,400 187,400 160,300 125,300 203,300 171,400 135,800 222,900 188,500 147,700 236,300 202,700 163,000 248,500 213,000 169,900 241,100 210,600 171,900 282,200 243,200 192,400 280,000 256,900 208,100 292,000 281,300 218,900 302,000 263,900 214,000 311,800 272,400 226,900 321,400 281,100 229,900 333,000 289,100 237,700 347,300 302,200 241,500 </td <td></td> <td>*</td> <td>28,606</td>		*	28,606
50,700 * 36,400 54,800 * 38,100 64,600 * 44,500 71,800 * 48,700 83,600 * 56,700 92,900 * 63,100 104,100 * 70,800 137,100 111,600 92,000 166,600 139,700 114,400 187,400 160,300 125,300 203,300 171,400 135,800 222,900 188,500 147,700 236,300 202,700 163,000 248,500 213,000 169,900 241,100 210,600 171,900 282,200 243,200 192,400 280,000 256,900 208,100 292,000 281,300 218,900 302,000 263,900 214,000 311,800 272,400 226,900 321,400 281,100 229,900 333,000 289,100 237,700 347,300 <td>41,900</td> <td>*</td> <td>30,300</td>	41,900	*	30,300
54,800 * 38,100 64,600 * 44,500 71,800 * 48,700 83,600 * 56,700 92,900 * 63,100 104,100 * 70,800 137,100 111,600 92,000 166,600 139,700 114,400 187,400 160,300 125,300 203,300 171,400 135,800 222,900 188,500 147,700 236,300 202,700 163,000 248,500 213,000 169,900 241,100 210,600 171,900 282,200 243,200 192,400 270,400 234,600 189,400 280,000 256,900 208,100 292,000 281,300 218,900 302,000 263,900 214,000 311,800 272,400 226,900 321,400 281,100 229,900 333,000 289,100 237,700 347,300 302,200 241,500 367,900 249,600	46,800	*	33,100
64,600 * 44,500 71,800 * 48,700 83,600 * 56,700 92,900 * 63,100 104,100 * 70,800 137,100 111,600 92,000 166,600 139,700 114,400 187,400 160,300 125,300 203,300 171,400 135,800 222,900 188,500 147,700 236,300 202,700 163,000 248,500 213,000 169,900 241,100 210,600 171,900 282,200 243,200 192,400 270,400 234,600 189,400 280,000 256,900 208,100 292,000 281,300 218,900 302,000 263,900 214,000 311,800 272,400 226,900 321,400 281,100 229,900 333,000 289,100 237,700 347,300 302,200 241,500 367,900 249,600 227,000 386,000 341,200 261,300 399,500 356,200 272,400 440,000 392,600 295,300 449,300 405,200 306,500	50,700	ж	36,400
64,600 * 44,500 71,800 * 48,700 83,600 * 56,700 92,900 * 63,100 104,100 * 70,800 137,100 111,600 92,000 166,600 139,700 114,400 187,400 160,300 125,300 203,300 171,400 135,800 222,900 188,500 147,700 236,300 202,700 163,000 248,500 213,000 169,900 241,100 210,600 171,900 282,200 243,200 192,400 270,400 234,600 189,400 280,000 256,900 208,100 292,000 281,300 218,900 302,000 263,900 214,000 311,800 272,400 226,900 321,400 281,100 229,900 333,000 289,100 237,700 347,300 302,200 241,500 367,900 249,600 227,000 386,000 341,200 261,300 399,500 356,200 272,400 440,000 392,600 295,300 449,300 405,200 306,500	54,800	*	38,100
83,600 * 56,700 92,900 * 63,100 104,100 * 70,800 137,100 111,600 92,000 166,600 139,700 114,400 187,400 160,300 125,300 203,300 171,400 135,800 222,900 188,500 147,700 236,300 202,700 163,000 248,500 213,000 169,900 241,100 210,600 171,900 282,200 243,200 192,400 270,400 234,600 189,400 280,000 256,900 208,100 292,000 281,300 218,900 302,000 263,900 214,000 311,800 272,400 226,900 321,400 281,100 229,900 333,000 289,100 237,700 347,300 302,200 241,500 367,900 249,600 227,000 386,000 341,200 261,300 399,500 356,200 272,400 449,300	64,600	ж	
92,900 * 63,100 104,100 * 70,800 137,100 111,600 92,000 166,600 139,700 114,400 187,400 160,300 125,300 203,300 171,400 135,800 222,900 188,500 147,700 236,300 202,700 163,000 248,500 213,000 169,900 241,100 210,600 171,900 282,200 243,200 192,400 270,400 234,600 189,400 280,000 256,900 208,100 292,000 281,300 218,900 302,000 263,900 214,000 311,800 272,400 226,900 321,400 281,100 229,900 333,000 289,100 237,700 347,300 302,200 241,500 367,900 249,600 227,000 386,000 341,200 261,300 399,500 356,200 272,400 440,000 392,600 295,300 449,300 405,200 306,500	71,800	*	48,700
92,900 * 63,100 104,100 * 70,800 137,100 111,600 92,000 166,600 139,700 114,400 187,400 160,300 125,300 203,300 171,400 135,800 222,900 188,500 147,700 236,300 202,700 163,000 248,500 213,000 169,900 241,100 210,600 171,900 282,200 243,200 192,400 270,400 234,600 189,400 280,000 256,900 208,100 292,000 281,300 218,900 302,000 263,900 214,000 311,800 272,400 226,900 321,400 281,100 229,900 333,000 289,100 237,700 347,300 302,200 241,500 367,900 249,600 227,000 386,000 341,200 261,300 399,500 356,200 272,400 440,000 392,600 295,300 449,300 405,200 306,500	83,600	*	56,700
104,100 * 70,800 137,100 111,600 92,000 166,600 139,700 114,400 187,400 160,300 125,300 203,300 171,400 135,800 222,900 188,500 147,700 236,300 202,700 163,000 248,500 213,000 169,900 241,100 210,600 171,900 282,200 243,200 192,400 270,400 234,600 189,400 280,000 256,900 208,100 292,000 281,300 218,900 302,000 263,900 214,000 311,800 272,400 226,900 321,400 281,100 229,900 333,000 289,100 237,700 347,300 302,200 241,500 367,900 249,600 227,000 386,000 341,200 261,300 399,500 356,200 272,400 449,300 405,200 306,500		*	63,100
137,100 111,600 92,000 166,600 139,700 114,400 187,400 160,300 125,300 203,300 171,400 135,800 222,900 188,500 147,700 236,300 202,700 163,000 248,500 213,000 169,900 241,100 210,600 171,900 282,200 243,200 192,400 270,400 234,600 189,400 280,000 256,900 208,100 292,000 281,300 218,900 302,000 263,900 214,000 311,800 272,400 226,900 321,400 281,100 229,900 333,000 289,100 237,700 347,300 302,200 241,500 367,900 249,600 227,000 386,000 341,200 261,300 440,000 392,600 295,300 449,300 405,200 306,500	104,100	*	70,800
187,400 160,300 125,300 203,300 171,400 135,800 222,900 188,500 147,700 236,300 202,700 163,000 248,500 213,000 169,900 241,100 210,600 171,900 282,200 243,200 192,400 270,400 234,600 189,400 280,000 256,900 208,100 392,000 281,300 218,900 311,800 272,400 226,900 321,400 281,100 229,900 333,000 289,100 237,700 347,300 302,200 241,500 367,900 249,600 227,000 386,000 341,200 261,300 399,500 356,200 272,400 440,000 392,600 295,300 449,300 405,200 306,500			92,000
203,300 171,400 135,800 222,900 188,500 147,700 236,300 202,700 163,000 248,500 213,000 169,900 241,100 210,600 171,900 282,200 243,200 192,400 270,400 234,600 189,400 280,000 256,900 208,100 292,000 281,300 218,900 302,000 263,900 214,000 311,800 272,400 226,900 321,400 281,100 229,900 333,000 289,100 237,700 347,300 302,200 241,500 367,900 249,600 227,000 386,000 341,200 261,300 399,500 356,200 272,400 440,000 392,600 295,300 449,300 405,200 306,500	166,600	139,700	114,400
203,300 171,400 135,800 222,900 188,500 147,700 236,300 202,700 163,000 248,500 213,000 169,900 241,100 210,600 171,900 282,200 243,200 192,400 270,400 234,600 189,400 280,000 256,900 208,100 292,000 281,300 218,900 302,000 263,900 214,000 311,800 272,400 226,900 321,400 281,100 229,900 333,000 289,100 237,700 347,300 302,200 241,500 367,900 249,600 227,000 386,000 341,200 261,300 399,500 356,200 272,400 440,000 392,600 295,300 449,300 405,200 306,500	187,400	160,300	125,300
236,300 202,700 163,000 248,500 213,000 169,900 241,100 210,600 171,900 282,200 243,200 192,400 270,400 234,600 189,400 280,000 256,900 208,100 292,000 281,300 218,900 302,000 263,900 214,000 311,800 272,400 226,900 321,400 281,100 229,900 333,000 289,100 237,700 347,300 302,200 241,500 367,900 249,600 227,000 386,000 341,200 261,300 399,500 356,200 272,400 440,000 392,600 295,300 449,300 405,200 306,500	203,300	171,400	135,800
236,300 202,700 163,000 248,500 213,000 169,900 241,100 210,600 171,900 282,200 243,200 192,400 270,400 234,600 189,400 280,000 256,900 208,100 292,000 281,300 218,900 302,000 263,900 214,000 311,800 272,400 226,900 321,400 281,100 229,900 333,000 289,100 237,700 347,300 302,200 241,500 367,900 249,600 227,000 386,000 341,200 261,300 399,500 356,200 272,400 440,000 392,600 295,300 449,300 405,200 306,500	222,900	188,500	147,700
248,500 213,000 169,900 241,100 210,600 171,900 282,200 243,200 192,400 270,400 234,600 189,400 280,000 256,900 208,100 292,000 281,300 218,900 302,000 263,900 214,000 321,400 281,100 229,900 333,000 289,100 237,700 347,300 302,200 241,500 367,900 249,600 227,000 386,000 341,200 261,300 399,500 356,200 272,400 440,000 392,600 295,300 449,300 405,200 306,500	236,300	A CONTRACTOR OF THE PARTY OF TH	920000000000000000000000000000000000000
241,100 210,600 171,900 282,200 243,200 192,400 270,400 234,600 189,400 280,000 256,900 208,100 292,000 281,300 218,900 302,000 263,900 214,000 311,800 272,400 226,900 321,400 281,100 229,900 333,000 289,100 237,700 347,300 302,200 241,500 367,900 249,600 227,000 386,000 341,200 261,300 399,500 356,200 272,400 440,000 392,600 295,300 449,300 405,200 306,500	248,500		
282,200 243,200 192,400 270,400 234,600 189,400 292,000 281,300 218,900 302,000 263,900 214,000 311,800 272,400 226,900 321,400 281,100 229,900 333,000 289,100 237,700 347,300 302,200 241,500 367,900 249,600 227,000 386,000 341,200 261,300 399,500 356,200 272,400 440,000 392,600 295,300 449,300 405,200 306,500			171,900
280,000 256,900 208,100 292,000 281,300 218,900 302,000 263,900 214,000 311,800 272,400 226,900 321,400 281,100 229,900 333,000 289,100 237,700 347,300 302,200 241,500 367,900 249,600 227,000 386,000 341,200 261,300 399,500 356,200 272,400 440,000 392,600 295,300 449,300 405,200 306,500		63	192,400
292,000 281,300 218,900 302,000 263,900 214,000 311,800 272,400 226,900 321,400 281,100 229,900 333,000 289,100 237,700 347,300 302,200 241,500 367,900 249,600 227,000 386,000 341,200 261,300 399,500 356,200 272,400 440,000 392,600 295,300 449,300 405,200 306,500	270,400	234,600	189,400
292,000 281,300 218,900 302,000 263,900 214,000 311,800 272,400 226,900 321,400 281,100 229,900 333,000 289,100 237,700 347,300 302,200 241,500 367,900 249,600 227,000 386,000 341,200 261,300 399,500 356,200 272,400 440,000 392,600 295,300 449,300 405,200 306,500	280,000	256,900	208,100
311,800 272,400 226,900 321,400 281,100 229,900 333,000 289,100 237,700 347,300 302,200 241,500 367,900 249,600 227,000 386,000 341,200 261,300 399,500 356,200 272,400 440,000 392,600 295,300 449,300 405,200 306,500	292,000	281,300	218,900
321,400 281,100 229,900 333,000 289,100 237,700 347,300 302,200 241,500 367,900 249,600 227,000 386,000 341,200 261,300 399,500 356,200 272,400 440,000 392,600 295,300 449,300 405,200 306,500	302,000	263,900	214,000
333,000 289,100 237,700 347,300 302,200 241,500 367,900 249,600 227,000 386,000 341,200 261,300 399,500 356,200 272,400 440,000 392,600 295,300 449,300 405,200 306,500	311,800	272,400	226,900
333,000 289,100 237,700 347,300 302,200 241,500 367,900 249,600 227,000 386,000 341,200 261,300 399,500 356,200 272,400 440,000 392,600 295,300 449,300 405,200 306,500			
347,300 302,200 241,500 367,900 249,600 227,000 386,000 341,200 261,300 399,500 356,200 272,400 440,000 392,600 295,300 449,300 405,200 306,500	333,000		
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386,000 341,200 261,300 399,500 356,200 272,400 440,000 392,600 295,300 449,300 405,200 306,500			
440,000 392,600 295,300 449,300 405,200 306,500	386,000		
440,000 392,600 295,300 449,300 405,200 306,500	399,500	356,200	272,400
449,300 405,200 306,500			
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Sources: Somucho Tokei Kyoku (the Statistics Bureau, Management and Coordination Agency), (1987), Nihon Chokitokei Soran (Historical Statistics of Japan), Nihon Tokei Kyokai (Japan Statistical Association), Vol. 4, pp. 290-291. Rododaijin Kanboseisaku Chosabu (Policy Planning and Research Department, Minister's Secretariat, Ministry of Labour), Rodotokei Nenpo (Year Book of Labour Statistics), Various Years.

Table C-18: Estimated Annual Special Earnings of Male Regular Workers by Age Groups (¥)

	by Age	Groups (¥)					
Year	All ages	~17	18~19	20~24	25~29	30~34	35~39	40~44
1954	40,628	6,191	10,784	23,893	38,441	49,791	56,821	64,263
1958	47,133	6,996	11,930	25,798	43,757	58,458	68,718	78,800
1959	49,227	7,585	12,536	27,234	45,629	60,949	71,792	82,477
1960	52,780	8,338	13,854	29,553	48,668	65,108	76,743	88,351
1961	57,237	9,832	16,103	33,168	53,331	70,296	82,758	95,319
1962	65,184	11,466	18,889	38,410	61,271	79,511	92,126	106,516
1963	71,250	12,828	20,880	42,657	67,235	86,622	99,144	115,017
1964	77,000	15,100	23,400	48,300	74,900	94,100	105,600	121,100
1965	102,500	17,200	27,500	59,500	88,000	112,300	135,800	165,300
1966	108,700	20,400	27,900	64,300	91,500	117,900	145,100	171,500
1967	119,200	20,500	30,200	70,600	102,300	129,500	157,500	186,400
1968	143,200	22,700	33,800	81,200	124,700	155,900	184,800	221,000
1969	165,600	28,700	40,700	92,600	145,300	185,000	211,000	248,900
1970	206,400	38,700	51,600	114,000	180,700	226,800	257,800	303,000
1971	249,800	43,700	62,900	142,900	220,400	274,000	307,700	357,000
1972	288,700	52,400	74,900	168,300	253,100	311,100	353,600	401,100
1973	339,200	61,400	84,400	188,300	279,500	355,500	404,900	447,000
1974	445,900	75,800	105,100	243,400	362,500	469,400	541,800	581,000
1975	568,400	97,500	134,000		451,000	587,500	680,300	733,300
1976	560,500	86,600	120,300	303,600	457,500	597,500	682,900	732,200
1977	616,900	86,700	111,500		493,300	640,200	746,500	807,000
1978	662,300	80,400	114,600		522,300	675,800	793,800	859,800
1979	673,800	73,300	105,500		526,100	680,800	814,800	884,200
1980	748,400	70,500	105,100		569,200	741,400	897,600	983,900
1981	809,800	72,500	116,300		602,100	790,900	979,500	1,070,500
1982	842,000	83,300	116,700		613,700	816,300	1,004,900	1,121,800
1983	870,500	84,200	120,100		625,000	831,400	1,012,200	1,159,700
1984	895,600	76,100	120,300			841,500	1,018,900	1,187,300
1985	940,100	79,800	130,000			874,600	1,057,400	1,243,300
1986	978,000	82,100	133,100		- 21	899,900	1,091,500	1,297,900
1987	992,600	87,600	138,100		(6)	907,400	1,100,800	
1988	997,800	72,900	130,300	and the second s	100000000000000000000000000000000000000	10.77	1,106,000	1.71
1989	1,075,300	81,400	130,600	 Property Property Comment 			1,173,500	
1990	1,154,200	101,600	149,700			1,035,500	1,255,500	1,459,700
1991	1,248,900	124,200	174,900				1,349,300	
1992	1,294,200	136,900	186,100				1,400,400	The second of th
1993	1,298,800	134,700	194,800					11
1994	1,287,600	111,500	194,400					
1995	1,264,200	101,800	179,000	523,600	869,600	1,130,200	1,352,000	1,549,400

45~49	50~54	55~59	60~64
64,263	56,818	56,818	44,758
78,800	68,243	68,243	68,243
82,477	71,024	71,024	71,024
88,351	75,309	75,309	75,309
95,319	86,093	86,093	70,067
106,516	80,571	80,571	76,766
115,017	103,211	103,211	84,685
121,100	109,200	109,200	89,700

			1541	
	165,300	154,100	154,100	79,400
	171,500	161,600	161,600	81,000
	186,400	170,300	170,300	82,700
	221,000	202,000	202,000	96,400
	248,900	228,700	228,700	105,200
	303,000	281,300	281,300	133,300
	357,000	333,800	333,800	152,400
	401,100	369,000	369,000	174,800
	494,500	496,900	350,100	255,000
	618,500	635,300	463,800	333,600
	779,800	800,800	604,500	389,900
	752,800	765,600	550,600	356,900
	827,600	835,000	607,100	387,200
	882,300	874,600	659,700	440,700
	900,300	875,900	652,800	432,600
	1,004,700	973,100	732,100	487,400
	1,101,500	1,056,400	783,700	509,700
	1,149,700	1,114,500	842,500	536,300
	1,195,600	1,149,200	886,300	578,300
	1,241,800	1,185,400	923,600	588,500
ŀ	1,301,500	1,244,600	975,600	593,400
	1,370,400	1,291,000	998,100	628,600
	1,389,500	1,321,100	1,026,000	631,700
	1,405,900	1,353,800	1,033,000	657,700
ŀ	1,525,000	1,464,300	1,138,100	691,600
l	1,635,300	1,597,300	1,242,000	731,500
l	1,774,900	1,748,800	1,383,500	797,500
l	1,847,100	1,828,200	1,451,900	830,800
	1,825,600	1,845,200	1,485,100	847,900
	1,774,600	1,823,000	1,498,800	842,500
L	1,729,500	1,774,100	1,497,200	865,300
	Source: R	ododaiiin Ka	anboseisaku (Chosabu (Pol

Source: Rododaijin Kanboseisaku Chosabu (Policy Planning and Research Department, Minister's Secretariat, Ministry of Labour), Rodotokei Nenpo (Year Book of Labour Statistics), Various Years.

Table C-19: Average Monthly Contractual Earnings of Female Workers by Age Groups (¥)

	N. J	rige Git	realized (w)						
Year	All ages	~17	18~19	20~24	25~29	30~34	35~39	40~44	45~49
1954	7,637	5,107	6,554	8,112	9,409	8,891	8,612	8,640	*
1958	8,803	5,684	7,028	8,690	11,277	11,031	*	10,223	*
1959	9,199	5,904	7,365	9,034	11,613	11,683	*	10,879	*
1960	9,891	6,707	8,144	9,702	11,973	12,517	*	11,626	*
1961	10,982	7,612	9,169	10,742	12,852	14,048	13,140	12,809	*
1962	13,083	9,374	10,976	12,731	14,770	16,230	15,428	15,350	*
1963	14,637	10,165	12,368	14,369	16,255	17,931	17,645	16,993	261
1964	16,000	11,600	13,900	15,900	17,600	18,600	17,900	17,500	*
1965	18,200	13,700	15,700	18,100	20,000	20,900	20,800	20,100	*
1966	19,900	14,800	17,200	19,900	21,500	22,200	22,800	22,200	**
1967	21,700	16,100	18,700	21,800	23,700	23,500	24,100	23,700	坡
1968	25,800	19,300	22,100	25,700	28,400	27,700	28,300	28,300	*
1969	29,200	22,300	25,500	29,200	32,200	30,400	31,000	31,500	*
1970	35,200	26,700	30,800	34,700	38,100	36,400	37,300	38,600	*
1971	40,600	30,600	35,800	40,400	44,100	42,100	41,800	43,900	38
1972	46,900	36,300	41,600	46,800	50,200	47,900	47,000	49,800	*

				_					
1973	58,900	44,500	50,200	56,200	61,100	60,800	60,600	65,200	65,900
1974	75,200	56,000	64,500	71,800	77,600	78,300	76,800	80,200	84,700
1975	88,500	61,000	72,900	83,000	91,200	93,800	91,700	93,400	100,500
1976	93,500	65,900	79,800	91,000	98,500	98,100	94,000	95,100	100,100
1977	102,800	70,000	85,800	99,200	108,000	108,700	104,000	103,600	109,400
1978	109,700	74,300	90,300	104,600	115,100	115,900	113,200	110,300	116,900
1979	115,900	77,900	94,700	109,600	121,800	122,900	119,800	117,700	122,400
1980	116,900	79,100	94,300	108,400	122,600	125,400	123,100	119,100	122,200
1981	131,600	86,900	104,700	121,700	137,700	141,400	137,900	136,600	136,500
1982	130,100	88,000	104,200	119,800	136,100	139,800	137,500	134,100	134,600
1983	134,700	91,800	107,200	123,200	140,300	144,600	144,200	140,900	139,100
1984	139,200	96,000	110,500	126,600	144,600	148,700	148,700	146,600	144,700
1985	145,800	97,000	113,400	130,300	149,500	157,100	156,200	155,100	154,100
1986	150,700	99,700	115,600	133,600	153,500	162,200	163,200	161,200	160,200
1987	155,900	102,400	117,700	136,600	157,000	166,300	169,200	170,800	166,900
1988	160,000	103,700	121,200	140,600	160,900	170,500	172,600	174,700	173,100
1989	166,300	107,300	125,300	145,600	168,200	178,500	178,500	182,200	180,400
1990	175,000	110,300	132,800	153,100	176,700	188,900	190,200	190,900	191,100
1991	184,400	117,700	141,200	162,200	186,700	198,700	198,700	200,500	202,500
1992	192,800	122,500	147,900	170,100	195,400	209,200	211,200	209,100	211,800
1993	207,500	131,100	157,200	185,200	213,200	229,000	225,800	224,000	223,100
1994	213,700	132,700	159,900	188,500	218,500	235,600	233,500	230,500	
1995	217,500	131,800	160,100	190,100	220,300	238,400	240,100	236,600	233,100

50~54	55~59	60~64
7,840	*	6,128
*	#	*
*	*	*
*	*	*
12,965	*	10,547
15,691	*	12,370
17,466	*	14,493
17,400	sk	15,200
20,200	*	17,400
22,800	*	19,200
24,200	緣	20,800
28,500	*	25,100
32,000	*	29,000
38,500	*	34,300
43,100	*	37,700
49,400	*	44,400
64,800	62,700	56,300
81,600	76,400	71,200
97,600	91,400	81,700
99,500	95,800	87,500
111,100	106,100	101,500
120,800	114,200	108,700
126,700	120,200	115,000
129,700	125,700	118,300
145,200	143,500	132,500
142,000	142,000	132,700
	148,000	
149,400	153,600	143,700

156,900	164,300	152,700
161,400	170,000	160,300
167,600	175,300	171,600
171,900	177,200	174,700
177,700	179,600	179,900
186,900	186,000	189,000
197,400	193,400	194,900
206,600	199,100	190,800
219,100	211,300	200,300
225,900	218,900	206,300
229,600	220,400	204,400

Sources: Somucho Tokei Kyoku (the Statistics Bureau, Management and Coordination Agency), (1987), Nihon Chokitokei Soran (Historical Statistics of Japan), Nihon Tokei Kyokai (Japan Statistical Association), Vol. 4, pp. 290-291. Rododaijin Kanboseisaku Chosabu (Policy Planning and Research Department, Minister's Secretariat, Ministry of Labour), Rodotokei Nenpo (Year Book of Labour Statistics), Various Years.

Table C-20: Estimated Annual Special Earnings of Female Regular Workers by Age Groups (¥)

		ge Groups						
Year	All ages	~17	18~19	20~24	25~29	30~34	35~39	40~44
1954	15,035	6,252	9,525	19,744	21,705	17,591	15,733	16,342
1958	17,331	6,958	10,213	21,151	26,014	21,825	21,825	19,336
1959	18,111	7,227	10,703	21,988	26,789	23,115	23,115	20,577
1960	19,473	8,210	11,835	23,614	27,620	24,765	24,765	21,990
1961	21,621	9,318	13,325	26,146	29,647	27,794	24,004	24,227
1962	25,757	11,475	15,951	30,987	34,072	32,111	28,184	29,033
1963	28,817	12,443	17,974	34,974	37,497	35,476	32,234	32,141
1964	31,500	14,200	20,200	38,700	40,600	36,800	32,700	33,100
1965	41,600	18,300	23,400	48,600	50,500	52,400	50,800	45,000
1966	45,300	20,600	25,300	55,400	55,200	53,600	55,500	48,400
1967	49,700	22,300	27,600	62,100	60,800	54,700	57,500	51,900
1968	58,700	23,900	30,400	69,900	76,300	63,400	66,900	64,200
1969	68,500	30,200	36,600	79,700	90,500	71,300	73,300	72,700
1970	90,100	39,800	46,900	100,500	117,500	96,600	97,700	98,600
1971	111,000	52,300	57,800	124,500	144,200	117,500	111,700	120,200
1972	129,700	61,300	68,700	146,300	165,100	134,700	123,000	137,600
1973	165,000	66,400	76,800	164,500	196,200	182,900	173,500	193,300
1974	221,600	96,000	102,700	219,100	256,500	251,400	230,700	247,900
1975	289,500	103,900	122,300	283,700	333,200	330,400	303,400	311,300
1976	267,500	97,600	116,100	300,000	332,400	292,700	249,200	246,500
1977	300,100	93,900	113,200	325,600	376,100	343,800	291,500	281,600
1978	326,000	98,300	119,800	348,900	415,600	368,600	327,000	300,900
1979	333,500	101,200	115,200	347,500	429,100	387,700	339,700	312,200
1980	364,800	109,200	120,900	369,300	472,200	430,400	383,100	348,000
1981	389,600	103,900	123,400	378,400	506,100	475,800	411,200	391,600
1982	405,300	117,400	127,100	397,000	522,200	488,700	434,100	402,600
1983	415,800	114,300	124,400	403,200	538,300	504,700	456,500	421,900
1984	428,700	106,800	124,000	409,400	551,900	521,700	473,800	437,700
1985	465,700	106,300	135,400	422,000	574,900	575,700	521,200	489,300
1986	478,700	114,500	131,100	429,100	591,200	596,700	548,600	504,800
1987	499,700	126,400	132,900	438,100	610,800	611,600	573,700	551,600
1988	503,700	111,100	129,000	430,700	609,600	619,000	576,200	553,800
1989	532,700	112,200	130,500	441,600	644,800	655,900	612,400	599,900
1990	567,100	123,100	139,900	455,000	680,000	696,800	675,200	647,600

1991	611,900	145,100	154,300	490,300	728,900	757,800	722,800	695,300
1992	649,800	138,500	169,300	516,300	765,000	806,000	790,500	743,800
1993	665,300	150,500	178,500	534,900	768,800	825,900	797,800	765,800
1994	680,000	144,700	186,000	547,300	777,500	824,000	812,000	772,300
1995	684,200	127,200	166,800	542,400	768,900	822,600	821,000	794,500

45~49	50~54	55~59	60~64
16,342	14,373	14,373	10,926
19,336	19,336	19,336	19,336
20,577	20,577	20,577	20,577
21,990	21,990	21,990	21,990
24,227	23,769	23,769	18,804
29,033	28,767	28,767	22,054
32,141	32,021	32,021	25,839
33,100	31,900	31,900	27,100
45,000	46,500	46,500	32,100
48,400	49,800	49,800	35,100
51,900	53,200	53,200	39,300
64,200	64,000	64,000	47,400
72,700	72,600	72,600	56,500
98,600	95,100	95,100	75,100
120,200	111,900	111,900	85,500
137,600	127,300	127,300	107,400
195,200	184,500	169,800	140,800
266,400	244,400	216,000	188,500
348,400	327,000	277,800	224,400
272,400	275,200	248,100	205,600
308,000	317,700	278,800	252,400
329,900	350,400	314,100	286,900
337,300	355,300	316,500	286,400
360,600	400,600	362,800	307,500
384,400	425,100	398,500	350,600
399,800	437,600	405,600	341,200
409,300	431,500	425,000	350,900
426,500	448,800	440,700	363,600
481,000	487,800	505,200	411,400
495,500	497,800	513,200	422,400
526,600	514,500	527,100	460,000
539,900	533,400	536,700	464,300
582,500	561,500	550,400	469,100
638,100	605,200		524,600
689,000	674,500	Annual Control of the	546,800
749,200	708,900		519,800
749,800	723,400	660,700	537,300
756,400	730,000	673,700	537,200
746,800	V.E. (2.55) VV. CVV		514,100

Source: Rododaijin Kanboseisaku Chosabu (Policy Planning and Research Department, Minister's Secretariat, Ministry of Labour), Rodotokei Nenpo (Year Book of Labour Statistics), Various Years.

Table C-21: Estimated Yearly Earnings of Male Workers by Age (¥)

	Year	15	16	17	18	19	20	21	22
ſ	1947	45,003	53,469	63,528	75,480	89,679	104,228	121,138	140,791
	1948	46,481	55,128	65,383	77,546	91,972	106,677	123,733	143,517

1	1949	48,007	56,837	67,292	79,669	94,323	109,183	126,384	146,295
1	1950	49,583	58,600	69,256	81,850	96,734	111,748	129,092	149,128
1	1951	51,212	60,417	71,278	84,091	99,207	114,373	131,858	152,015
I	1952	52,893	62,291	73,359	86,393	101,744	117,060	134,683	154,958
1	1953	54,630	64,223	75,501	88,759	104,345	119,810	137,568	157,959
1	1954	56,424	66,215	77,705	91,189	107,012	122,625	140,516	161,017
1	1955	58,277	68,269	79,973	93,685	109,748	125,506	143,526	164,134
1	1956	60,190	70,386	82,308	96,250	112,554	128,454	146,601	167,312
1	1957	62,167	72,569	84,711	98,885	115,431	131,472	149,742	170,552
1	1958	64,208	74,820	87,184	101,593	118,382	134,561	152,951	173,854
1	1959	70,345	81,121	93,547	107,876	124,400	141,619	161,220	183,534
1	1960	77,202	89,182	103,022	119,010	137,478	155,558	176,014	199,161
1	1961	91,471	105,160	120,898	138,991	159,791	178,708	199,864	223,524
1	1962	106,462	122,634	141,263	162,722	187,441	208,734	232,445	258,850
1	1963	119,581	137,196	157,405	180,591	207,192	231,089	257,742	287,469
	1964	143,090	161,500	182,279	205,731	232,200	259,871	290,840	325,500
1	1965	169,510	187,600	207,621	229,778	254,300	286,356	322,453	363,100
1	1966	194,854	212,400	231,526	252,374	275,100	311,426	352,548	399,100
1	1967	198,901	220,900	245,332	272,465	302,600	341,305	384,961	434,200
1	1968	247,873	273,500	301,776	332,975	367,400	409,735	456,947	509,600
ı	1969	289,281	319,100	351,993	388,276	428,300	473,469	523,402	578,600
1	1970	356,447	390,300	427,368	467,957	512,400	565,506	624,116	688,800
1	1971	409,183	448,100	490,718	537,390	588,500	652,056	722,475	800,500
١	1972	468,222	514,400	565,132	620,868	682,100	754,808	835,266	924,300
1	1973	571,957	625,400	683,836	747,733	817,600	901,689	994,425	1,096,700
1	1974	727,663	789,800	857,244	930,446	1,009,900	1,114,740	1,230,463	1,358,200
1	1975	819,563	889,500	965,405	1,047,788	1,137,200	1,257,139	1,389,727	1,536,300
1	1976	877,771	951,800	1,032,073	1,119,116	1,213,500	1,346,005	1,492,978	1,656,000
١	1977	940,311	1,015,500		1,184,394	1,279,100	1,428,022	1,594,282	1,779,900
1	1978	954,407	1,042,800	1,139,379	1,244,903	1,360,200	1,507,098	1,669,860	1,850,200
1	1979	1,016,861	1,105,300		1,305,921	1,419,500	1,573,084	1,743,284	1,931,900
1	1980	1,076,043	1,134,900	1,196,976	1,262,447	1,331,500	1,480,477	1,646,122	1,830,300
1	1981	1,107,648	1,210,100	1,322,028	1,444,309	1,577,900	1,741,515	1,922,095	2,121,400
١	1982	1,180,345	1,248,500	1,320,591	1,396,844	1,477,500	1,633,268	1,805,457	1,995,800
1	1983	1,192,834	1,266,200		1,426,747	1,514,500	1,677,767	1,858,634	2,059,000
-	1984	1,227,913	1,303,700		and the second second	1,560,300	1,724,102	1,905,100	2,105,100
1	1985				1,504,436			1,963,586	2,170,400
1	1986	1,274,145	-001			Y C-037 519	The second secon	2,013,743	2,229,600
1	1987	1,322,067	1,405,200	The Party of the Control of the Cont	The second of the second of	1,687,300	1,861,661	2,054,041	
1	1988	The second secon	1,403,700		The second secon		1,896,295	2,097,611	2,320,300
1	1989		1,513,000		Part March 1970		1,969,468	2,182,782	2,419,200
-1	1990	1,525,096				1,888,500	2,090,519	2,314,148	2,561,700
-1	1991	1,599,653			Control of the second		2,241,756	2,471,097	2,723,900
1	1992	1,729,821							
1	1993	1,727,578	5.700.00	The second second			2,639,713		
-	1994	1,790,314	1,935,500	THE RESERVE AND PARTY OF THE PARTY OF		And the second of the party of the	2,689,804	2,958,392	
-1	1995	1,678,920	1,845,400		THE STREET, STREET		2,694,075	2,961,741	3,256,000
	- cotom								
ſ	23	24	25	26	27	28	29	30	31
Ì	147,541	154,616	162,029				189,688	195,850	202,212
	150,796		166,480			The state of the s	196,538	The state of the s	N. S.
	154,122	162,367	171,053				203,635		
- 1	157 521	166 387	175.751	185,643			210.988	218,856	

23	24	25	26	27	28	29	30	31
147,541	154,616	162,029	169,798	177,940	183,720	189,688	195,850	202,212
150,796	158,444	166,480	174,923	183,795	190,060	196,538	203,237	210,164
154,122	162,367	171,053	180,203	189,844	196,618	203,635	210,902	218,428
157 521	166 387	175 751	185 643	196 091	203 403	210.988	218.856	227.017

160,995	170,506	180,579	191,246	202,544	210,422	218,607	227,110	235,944
164,546	174,728	185,539	197,019	209,209	217,684	226,501	235,676	245,222
168,176	179,054	190,635	202,966	216,094	225,195	234,680	244,565	254,865
171,885	183,487	195,871	209,092	223,205	232,966	243,155	253,788	264,887
175,676	188,030	201,252	215,403	230,550	241,006	251,935	263,360	275,303
179,551	192,685	206,780	221,905	238,137	249,322	261,033	273,293	286,129
183,511	197,455	212,459	228,603	245,974	257,926	270,459	283,600	297,380
187,559	202,344	218,295	235,504	254,069	266,826	280,225	294,296	309,074
197,516	212,564	228,758	246,186	264,941	278,235	292,196	306,858	322,255
213,596	229,077	245,680	263,486	282,584	296,855	311,847	327,596	344,140
238,582	254,654	271,809	290,119	309,663	324,337	339,706	355,804	372,664
275,848	293,963	313,268	333,840	355,763	371,460	387,851	404,965	422,833
305,614	324,905	345,413	367,216	390,395	407,032	424,378	442,463	461,319
344,920	365,499	387,306	410,414	434,900	451,158	468,024	485,520	503,671
384,201	406,528	430,152	455,150	481,600	500,103	519,316	539,268	559,986
	443,216	467,071	492,209	518,700	538,904	559,894	581,702	604,360
420,580	485,454	513,308	542,759	573,900	595,838	618,614	642,260	666,811
459,112 540,862	574,041	609,256	646,632	686,300	712,122	738,916	766,718	795,566
614,987	653,661	694,768	738,460	784,900	815,139	846,542	879,156	913,025
731,726	777,327	825,770	877,231	931,900	966,529	1,002,445	1,039,695	1,078,330
846,804	895,787	947,603	1,002,416	1,060,400	1,099,351	1,139,734	1,181,599	1,225,002
974,405	1,027,226	1,082,911	1,141,614	1,203,500	1,248,143	1,294,442	1,342,458	1,392,255
1,152,422	1,210,976	1,272,505	1,337,160	1,405,100	1,462,870	1,523,016	1,585,634	1,650,827
1,427,006	1,499,298	1,575,253	1,655,055	1,738,900	1,813,786	1,891,897	1,973,372	2,058,356
1,616,433	1,700,746	1,789,456	1,882,794	1,981,000	2,065,971	2,154,587	2,247,004	2,343,385
1,747,205	1,843,433	1,944,961	2,052,081	2,165,100	2,257,982	2,354,848	2,455,869	2,561,225
1,880,987	1,987,815	2,100,710	2,220,017	2,346,100	2,444,409	2,546,837	2,653,557	2,764,749
1,959,675	2,075,628	2,198,442	2,328,523	2,466,300	The second secon	2,675,062	2,785,979	2,901,495
2,046,860	2,168,660	2,297,709	2,434,436	2,579,300		2,793,709		3,025,942
1,943,189	2,063,040	2,190,284	2,325,376	2,468,800		2,692,632	2,812,047	2,936,758
2,252,283	2,391,240	2,538,771	2,695,404	2,861,700		3,118,413	3,255,280	3,398,155
2,118,718	2,249,206	2,387,731	2,534,787	2,690,900		2,951,857	3,091,677	3,238,120
2,182,285	2,312,953	2,451,444	2,598,228	2,753,800	2,882,546	3,017,310	3,158,376	3,306,036
2,229,883	2,362,063	2,502,079	2,650,394	2,807,500	The second secon	3,074,550	3,217,455	3,367,002
2,296,014	2,428,898	2,569,472	2,718,183	2,875,500	3,008,646	3,147,956	3,293,717	3,446,228
2,357,036	2,491,755	2,634,175	2,784,735	2,943,900	3,080,134	3,222,672	3,371,807	3,527,843
2,394,012		2,671,432	2,821,974	2,981,000	3,117,244	3,259,715	3,408,697	3,564,488
	2,593,574		2,899,033	3,065,000	3,201,557	3,344,199	3,493,196	3,648,831
2,558,666			3,027,184	3,201,700	3,343,459	3,491,494	3,646,084	3,807,518
	2,868,179			3,398,000	3,542,852	3,693,880	3,851,345	4,015,523
	3,040,291						4,062,895	4,235,914
3,006,862	3,177,152	3,357,085	3,547,209	3,748,100	3,901,431	4,061,035	4,227,167	4,400,097
3,383,213	3,571,224			4,200,300				
3,428,424	3,612,419			4,225,800		the same of the same of the	A STATE OF THE STA	4,937,948
3,432,256	3,618,054	3,813,909	4,020,366	4,238,000	4,404,648	4,577,850	4,757,862	4,944,953
		24	25	26	27	20	20	40
32	33	34	35	36	37	38	39	40 233,925
208,781		214,591	217,556	The second second second second	STATE OF PROPERTY AND IN	226,997	230,435 241,985	245,820
217,327						The second second		258,321
226,223		The second secon			6	The state of the s	Control of the Contro	271,456
235,483 245,122					47/10/11			
/4.7								
255,155	The second second second second	The second secon	and the second s		1.5			

1 accord	ogs card	222 000	284,243	290,744	297,394	303,154	309,025	315,010
265,600	271,674	277,888			311,869	318,129	324,514	331,028
276,471	283,214	290,121	297,196	304,444			340,781	347,861
287,788	295,244	302,892	310,739	318,790	327,048	333,844		
299,568	307,784	316,226	324,900	333,811	342,967	350,335	357,862	365,551
311,830	320,858	330,147	339,705	349,540	359,660	367,641	375,800	384,139
324,594	334,487	344,681	355,186	366,011	377,166	385,802	394,637	403,673
338,425	348,881	359,661	370,774	382,230	394,040	403,211	412,596	422,199
361,520	372,741	384,310	396,237	408,535	421,215	431,200	441,421	451,885
390,324	402,342	414,730	427,499	440,662	454,230	465,040	476,108	487,439
441,491	453,635	466,113	478,935	492,109	505,646	518,076	530,812	543,860
480,978	492,999	505,321	517,950	530,895	544,164	557,917	572,019	586,476
522,500	533,451	544,632	556,047	567,701	579,600	592,878	606,459	620,352
581,500	595,799	610,450	625,461	640,842	656,600	673,597	691,034	708,922
627,900	644,228	660,981	678,170	695,806	713,900	729,961	746,383	763,175
692,300	709,286	726,688	744,518	762,785	781,500	798,962	816,814	835,065
825,500	843,883	862,675	881,886	901,524	921,600	942,509	963,893	985,762
948,200		983,527	1,001,681	1,020,170	1,039,000	1,060,326	1,082,090	1,104,301
1,118,400		1,160,788	1,182,580	1,204,782	1,227,400	1,250,884	1,274,817	1,299,209
1,270,000	T. Marine Committee of the	1,317,196	1,341,448	1,366,147	1,391,300	1,415,652	1,440,431	1,465,644
1,443,900		1,499,598	1,528,248	1,557,445	1,587,200	1,612,444	1,638,090	1,664,143
1,718,700	100000000000000000000000000000000000000	1,781,375	1,813,565	1,846,336	1,879,700	1,904,725	1,930,083	1,955,778
2,147,000		2,243,709	2,293,684	2,344,773	2,397,000	2,417,216	2,437,603	2,458,161
2,443,900		2,556,761	2,615,131	2,674,834	2,735,900	2,765,531	2,795,483	2,825,760
2,671,100		2,787,808	2,848,060	2,909,615	2,972,500	3,002,162	3,032,120	3,062,377
2,880,600		3,024,262	3,098,758	3,175,089	3,253,300	3,290,002	3,327,119	3,364,654
3,021,800		3,184,307	3,268,809	3,355,554	3,444,600	3,488,126	3,532,202	3,576,835
3,149,200		3,330,718	3,425,364	3,522,699	3,622,800	3,668,854	3,715,494	3,762,726
3,067,000	THE RESERVE AND ADDRESS.	3,266,521	3,371,097	3,479,021	3,590,400	3,644,862	3,700,151	3,756,278
3,547,300	N (F)	3,780,116	3,902,192	4,028,211	4,158,300	4,214,784	4,272,036	4,330,066
3,391,500	The second secon	3,620,784	3,741,176	3,865,570	3,994,100	4,065,967	4,139,127	4,213,603
		3,688,574	3,808,132	3,931,566	4,059,000	4,145,678	4,234,207	4,324,627
3,460,600		3,753,917	3,874,716	3,999,402	4,128,100	4,230,058	4,334,534	4,441,590
3,523,500			3,972,467	4,102,796	4,128,100	4,345,484	4,456,324	4,569,992
3,605,800	1100	3,846,279		4,102,790	4,257,400	4,469,578	4,589,172	4,711,966
3,691,100		3,942,874	4,075,130	1.3	4,400,800	4,516,603	4,635,453	4,757,431
3,727,400		3,983,421	4,117,953	4,257,028	10 10	4,593,956	4,710,390	4,737,431
3,811,400		4,066,094	4,199,754	4,337,808	4,480,400		ENGINEER CO.	
3,976,100	A TANA SANSA	the state of the s		a management of the contract o	A 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	Committee of the control	4,910,451	5,037,707
4,186,700		Control of the second s		LANGE OF THE SAME	Carrier and \$100,000			
4,416,300			4,846,817	4,999,455	A STATE OF THE STA	The Contract of the Contract o	5,422,364	5,560,177
4,580,100	A 7777 697	4 960 763	5 (V2 3000)		5 4 4 8 80 10 1	5,478,856	5,622,587	5,770,088
E 006 600				200		The second secon	The second secon	C 100 100
5,096,600	5,231,308	5,369,577	5,511,501	5,657,175	5,806,700	5,928,281	6,052,408	and the second second second second
5,134,000	5,231,308 5,273,958	5,369,577 5,417,732	5,511,501 5,565,425	5,657,175 5,717,145	5,806,700 5,873,000	5,928,281 5,991,574	6,052,408 6,112,543	6,235,953
5,134,000	5,231,308	5,369,577 5,417,732	5,511,501 5,565,425	5,657,175 5,717,145	5,806,700 5,873,000	5,928,281 5,991,574	6,052,408 6,112,543	6,235,953
5,134,000	5,231,308 5,273,958	5,369,577 5,417,732	5,511,501 5,565,425	5,657,175 5,717,145	5,806,700 5,873,000	5,928,281 5,991,574	6,052,408 6,112,543 6,116,733	6,235,953 6,234,410
5,134,000	5,231,308 5,273,958	5,369,577 5,417,732	5,511,501 5,565,425	5,657,175 5,717,145	5,806,700 5,873,000	5,928,281 5,991,574	6,052,408 6,112,543 6,116,733 48	6,235,953 6,234,410 49
5,134,000 5,139,400	5,231,308 5,273,958 5,281,089	5,369,577 5,417,732 5,426,684 43	5,511,501 5,565,425 5,576,294	5,657,175 5,717,145 5,730,028	5,806,700 5,873,000 5,888,000	5,928,281 5,991,574 6,001,277	6,052,408 6,112,543 6,116,733	6,235,953 6,234,410
5,134,000 5,139,400 41 237,468	5,231,308 5,273,958 5,281,089 42 241,064	5,369,577 5,417,732 5,426,684 43 241,064	5,511,501 5,565,425 5,576,294 44 241,064	5,657,175 5,717,145 5,730,028 45 241,064	5,806,700 5,873,000 5,888,000 46 241,064	5,928,281 5,991,574 6,001,277 47 241,064	6,052,408 6,112,543 6,116,733 48	6,235,953 6,234,410 49 237,018
5,134,000 5,139,400 41 237,468 249,716	5,231,308 5,273,958 5,281,089 42 241,064 253,673	5,369,577 5,417,732 5,426,684 43 241,064 253,673	5,511,501 5,565,425 5,576,294 44 241,064 253,673	5,657,175 5,717,145 5,730,028 45 241,064 253,673	5,806,700 5,873,000 5,888,000 46 241,064 253,673	5,928,281 5,991,574 6,001,277 47 241,064 253,673	6,052,408 6,112,543 6,116,733 48 239,033	6,235,953 6,234,410 49 237,018 248,900
5,134,000 5,139,400 41 237,468 249,716 262,596	5,231,308 5,273,958 5,281,089 42 241,064 253,673 266,942	5,369,577 5,417,732 5,426,684 43 241,064 253,673 266,942	5,511,501 5,565,425 5,576,294 44 241,064 253,673 266,942	5,657,175 5,717,145 5,730,028 45 241,064 253,673 266,942	5,806,700 5,873,000 5,888,000 46 241,064 253,673 266,942	5,928,281 5,991,574 6,001,277 47 241,064 253,673 266,942	6,052,408 6,112,543 6,116,733 48 239,033 251,275	6,235,953 6,234,410 49 237,018 248,900 261,377
5,134,000 5,139,400 41 237,468 249,716 262,596 276,140	42 241,064 253,673 266,942 280,905	5,369,577 5,417,732 5,426,684 43 241,064 253,673 266,942 280,905	5,511,501 5,565,425 5,576,294 44 241,064 253,673 266,942 280,905	5,657,175 5,717,145 5,730,028 45 241,064 253,673 266,942 280,905	5,806,700 5,873,000 5,888,000 46 241,064 253,673 266,942 280,905	5,928,281 5,991,574 6,001,277 47 241,064 253,673 266,942 280,905	6,052,408 6,112,543 6,116,733 48 239,033 251,275 264,145 277,674	49 237,018 248,900 261,377 274,480
5,134,000 5,139,400 41 237,468 249,716 262,596 276,140 290,383	42 241,064 253,673 266,942 280,905 295,598	5,369,577 5,417,732 5,426,684 43 241,064 253,673 266,942 280,905 295,598	5,511,501 5,565,425 5,576,294 44 241,064 253,673 266,942 280,905 295,598	5,657,175 5,717,145 5,730,028 45 241,064 253,673 266,942 280,905 295,598	5,806,700 5,873,000 5,888,000 46 241,064 253,673 266,942 280,905 295,598	5,928,281 5,991,574 6,001,277 47 241,064 253,673 266,942 280,905 295,598	6,052,408 6,112,543 6,116,733 48 239,033 251,275 264,145 277,674 291,895	49 237,018 248,900 261,377 274,480 288,239
5,134,000 5,139,400 41 237,468 249,716 262,596 276,140 290,383 305,361	42 42 241,064 253,673 266,942 280,905 295,598 311,059	5,369,577 5,417,732 5,426,684 43 241,064 253,673 266,942 280,905 295,598 311,059	5,511,501 5,565,425 5,576,294 44 241,064 253,673 266,942 280,905 295,598 311,059	5,657,175 5,717,145 5,730,028 45 241,064 253,673 266,942 280,905 295,598 311,059	5,806,700 5,873,000 5,888,000 46 241,064 253,673 266,942 280,905 295,598 311,059	5,928,281 5,991,574 6,001,277 47 241,064 253,673 266,942 280,905 295,598 311,059	6,052,408 6,112,543 6,116,733 48 239,033 251,275 264,145 277,674 291,895 306,845	49 237,018 248,900 261,377 274,480 288,239 302,689
5,134,000 5,139,400 41 237,468 249,716 262,596 276,140 290,383	42 42 241,064 253,673 266,942 280,905 295,598 311,059 327,330	5,369,577 5,417,732 5,426,684 241,064 253,673 266,942 280,905 295,598 311,059 327,330	5,511,501 5,565,425 5,576,294 44 241,064 253,673 266,942 280,905 295,598 311,059 327,330	5,657,175 5,717,145 5,730,028 45 241,064 253,673 266,942 280,905 295,598 311,059 327,330	5,806,700 5,873,000 5,888,000 46 241,064 253,673 266,942 280,905 295,598 311,059 327,330	5,928,281 5,991,574 6,001,277 47 241,064 253,673 266,942 280,905 295,598 311,059 327,330	6,052,408 6,112,543 6,116,733 48 239,033 251,275 264,145 277,674 291,895 306,845 322,561	49 237,018 248,900 261,377 274,480 288,239 302,689 317,862

					2				
1	355,089	362,468	362,468	362,468	362,468	362,468	362,468	356,449	350,530
١	373,404	381,427	381,427	381,427	381,427	381,427	381,427	374,705	368,101
١	392,664	401,378	401,378	401,378	401,378	401,378	401,378	393,896	386,554
١	412,917	422,372	422,372	422,372	422,372	422,372	422,372	414,071	405,932
1	432,026	442,081	442,081	442,081	442,081	442,081	442,081	432,901	423,912
١	462,597	473,563	473,563	473,563	473,563	473,563	473,563	462,783	452,248
١	499,039	510,915	510,915	510,915	510,915	510,915	510,915	505,102	499,354
١	557,230	570,928	570,928	570,928	570,928	570,928	570,928	544,761	519,794
١	601,300	616,497	616,497	616,497	616,497	616,497	616,497	608,690	600,981
1	634,563	649,100	649,100	649,100	649,100	649,100	649,100	641,504	633,997
l	727,274	746,100	746,100	746,100	746,100	746,100	746,100	739,918	733,788
ı	780,344	797,900	797,900	797,900	797,900	797,900	797,900	792,240	786,621
1	853,724	872,800	872,800	872,800	872,800	872,800	872,800	863,629	854,555
١	1,008,127	1,031,000	1,031,000	1,031,000	1,031,000	1,031,000	1,031,000	1,020,008	1,009,133
1	1,126,968	1,150,100	1,150,100	1,150,100	1,150,100	1,150,100	1,150,100	1,137,883	1,125,796
١	1,324,066	1,349,400	1,349,400	1,349,400	1,349,400	1,349,400	1,349,400	1,336,163	1,323,056
١	1,491,297	1,517,400	1,517,400	1,517,400	1,517,400	1,517,400	1,517,400	1,503,383	1,489,496
١	1,690,611	1,717,500	1,717,500	1,717,500	1,717,500	1,717,500	1,717,500	1,697,164	1,677,069
١	1,981,816	2,008,200	2,028,563	2,049,132	2,069,910	2,090,899	2,112,100	2,118,066	2,124,049
1	2,478,893	2,499,800	2,518,304	2,536,945	2,555,724	2,574,642	2,593,700	2,601,809	2,609,944
١	2,856,364	2,887,300	2,910,620	2,934,129	2,957,827	2,981,717	3,005,800	3,014,509	3,023,244
1	3,092,936	3,123,800	3,135,512	3,147,268	3,159,067	3,170,912	3,182,800	3,187,267	3,191,741
١	3,402,613	3,441,000	3,452,957	3,464,955	3,476,995	3,489,076	3,501,200	3,502,918	3,504,637
1	3,622,032	3,667,800	3,680,137	3,692,515	3,704,935	3,717,396	3,729,900	3,725,952	3,722,007
١	3,810,559	3,859,000	3,869,602	3,880,232		3,901,581	3,912,300	3,901,359	the state of the s
1	3,813,257	3,839,000	3,887,127	3,903,220	3,919,380	3,935,606	3,951,900	3,934,630	3,917,435
١	4,388,883	4,448,500	4,468,676	4,488,944	4,509,303	4,529,755	4,550,300	4,528,594	4,506,991
1	4,289,419	4,366,600		4,410,548		4,454,938		4,453,447	4,429,721
1	4,416,977	4,511,300	4,536,438	The state of the s	4,587,136	4,612,697	05	4,612,267	4,586,282
1	4,551,290	4,663,700	4,698,788	4,734,140	4,769,758	4,805,644	1 1000	4,810,929	4,780,255
1	4,686,559	4,806,100	ATTOMATICAL STREET	4,885,981	0.57	4,967,191	A STATE OF THE RESIDENCE OF THE PARTY OF THE	4,980,043	
1	4,838,046	4,967,500	5,015,157	5,063,271	5,111,846	The state of the s	CONTRACTOR OF THE PROPERTY OF	5,174,344	5,138,538
1	4,882,618	5,011,100		5,132,254	5,193,925	5,256,338	5,319,500	5,290,874	5,262,401
١	4,952,186	5,077,700		5,225,728	200	5,378,071	5,455,900	5,434,513	1.77
1	5,168,262	5,302,200		5,478,880				5,730,167	
١	5,435,704	5,572,100	A CONTRACTOR OF THE PARTY OF TH	5,766,808	The second secon		6,071,700		
1	5,701,493	a mornion and the control of the first	The Victorian Control of	The residence of the second					
1			6,183,226			The second secon			
	6,308,512				17.000000			7,042,199	
		6,490,300		2.545,000	and the second s		Control Cold Coldinary	7,070,880	
			6,583,212		CONTRACTOR OF THE PARTY OF THE		The second second second second	7,065,761	7,104,231
(0)									
	50	51	52	53	54	55	56	57	58
	235,021	233,040	231,076	231,076			231,076	231,076	191,450
			5 A 1 7 F	The state of the s		The state of the s	547.7	241,908	
	,	244.216	241,500	A/T Law Will					
	246,547		241,908 253,247	170		253,247	253,247	253,247	217,119
	246,547 258,638	255,928	253,247	253,247	253,247	7.7.3		253,247 265,117	
	246,547	255,928 268,202	253,247	253,247 265,117	253,247 265,117	265,117	265,117	265,117 277,544	231,216 246,229
	246,547 258,638 271,323 284,629	255,928 268,202 281,064	253,247 265,117 277,544	253,247 265,117 277,544	253,247 265,117 277,544	265,117 277,544	265,117 277,544	265,117 277,544	231,216 246,229
	246,547 258,638 271,323 284,629 298,588	255,928 268,202 281,064 294,543	253,247 265,117 277,544 290,553	253,247 265,117 277,544 290,553	253,247 265,117 277,544 290,553	265,117 277,544 290,553	265,117 277,544 290,553	265,117 277,544 290,553	231,216 246,229 262,217
	246,547 258,638 271,323 284,629 298,588 313,232	255,928 268,202 281,064 294,543 308,669	253,247 265,117 277,544 290,553 304,172	253,247 265,117 277,544 290,553 304,172	253,247 265,117 277,544 290,553 304,172	265,117 277,544 290,553 304,172	265,117 277,544 290,553 304,172	265,117 277,544 290,553 304,172	231,216 246,229 262,217 279,243
	246,547 258,638 271,323 284,629 298,588	255,928 268,202 281,064 294,543 308,669 323,472	253,247 265,117 277,544 290,553 304,172 318,430	253,247 265,117 277,544 290,553 304,172 318,430	253,247 265,117 277,544 290,553 304,172 318,430	265,117 277,544 290,553 304,172 318,430	265,117 277,544 290,553 304,172 318,430	265,117 277,544 290,553 304,172 318,430	231,216 246,229 262,217 279,243 297,375

379,346										
415,105 406,485 398,048 398,048 398,048 398,048 398,048 398,048 422,061 422,06	1	379,349	372,278	365,339	365,339	365,339	365,339	365,339	365,339	
415,109	١	397,953	390,132	382,463	382,463	382,463	382,463	382,463		
493,672 488,055 482,501 482,501 482,501 482,501 482,501 482,501 453,544 495,971 473,240 451,551 451,55	1	415,109	406,489	398,048	398,048	398,048	398,048			
495,971 473,240 451,551 451,551 451,551 451,551 578,435 578,43	١	441,953	431,892	422,061	422,061	422,061	422,061			
593,370 585,855 578,435 578,435 578,435 578,435 578,435 578,435 578,435 578,435 544,608 5626,579 619,246 612,000 612,000 612,000 612,000 612,000 576,339 715,700 710,000 770,000 770,000 770,000 770,000 770,000 770,000 770,000 770,000 770,000 770,000 777,000 977,200 977,200 977,200 977,200 977,200 977,200 977,200 977,200 977,200 977,200 977,200 977,200 977,200 <	١			482,501	482,501	482,501	482,501	4.1		The second secon
626,579 619,246 612,000 612,000 612,000 612,000 770,000 771,000 775,700 715,70	١	495,971	473,240	451,551	451,551	451,551	451,551		The second secon	The second secon
626,579 619,246 612,000 612,000 612,000 612,000 612,000 715,700 775,700 775,700 775,700 775,700 775,700 775,700 775,700 775,700 775,700 775,700 775,700 775,700 775,700 775,700 775,700 775,700 775,700 770,000 <t< td=""><td>ı</td><td>593,370</td><td>585,855</td><td>578,435</td><td>578,435</td><td>578,435</td><td>578,435</td><td></td><td></td><td></td></t<>	ı	593,370	585,855	578,435	578,435	578,435	578,435			
727,708	١		619,246	612,000	612,000	612,000	612,000	612,000		
781,041 775,501 770,000 770,000 770,000 770,000 770,000 770,000 770,000 760,055 827,900 827,900 827,900 827,900 770,000 <t< td=""><td>١</td><td>The second secon</td><td>721,679</td><td>715,700</td><td>715,700</td><td>715,700</td><td>715,700</td><td>715,700</td><td></td><td>the state of the s</td></t<>	١	The second secon	721,679	715,700	715,700	715,700	715,700	715,700		the state of the s
998,375 987,731 977,200 977,200 977,200 977,200 977,200 977,200 994,847 1,113,838 1,102,006 1,090,300 1,09	١			770,000	770,000	770,000				*********
1,113,838 1,102,006 1,090,300 1,090,300 1,090,300 1,090,300 1,090,300 1,090,300 1,090,300 1,384,500 1,284,500 1,284,500 1,284,500 1,284,500 1,284,500 1,284,500 1,284,500 1,284,500 1,448,600 1,448,	1	845,576	836,691	827,900	827,900	827,900				
1,310,077 1,297,225 1,284,500 1,284,500 1,284,500 1,284,500 1,284,500 1,284,500 1,448,600 1,448,	1	998,375	987,731	977,200	977,200	977,200				
1,475,738 1,462,106 1,448,600 1,448,600 1,448,600 1,448,600 1,448,600 1,448,600 1,448,600 1,618,200 1,618,	1	1,113,838	1,102,006	1,090,300	1,090,300	1,090,300	1,090,300	1,090,300	Principal Control of the Control of	the second secon
1,657,212 1,637,590 1,618,200 1,617,370 1,618,200 1,618,	1	1,310,077	1,297,225	1,284,500	1,284,500	1,284,500	1,284,500	1,284,500		And the second s
2,130,049 2,136,066 2,142,100 2,042,740 1,947,989 1,857,633 1,771,468 1,689,300 1,617,370 2,618,104 2,626,289 2,634,500 2,527,257 2,424,380 2,325,690 2,231,018 2,140,200 2,045,407 3,032,004 3,040,789 3,049,600 2,937,333 2,829,199 2,725,045 2,624,726 2,528,100 2,386,099 3,196,221 3,200,707 3,205,200 3,075,570 2,951,183 2,831,827 2,717,297 2,607,400 2,469,357 3,506,357 3,508,078 3,509,800 3,371,126 3,237,932 3,110,000 2,987,122 2,869,100 2,710,636 3,718,067 3,714,132 3,710,200 3,577,409 3,449,370 3,325,914 3,206,877 3,092,100 2,938,499 3,879,569 3,868,719 3,857,900 3,718,342 3,583,832 3,454,188 3,329,234 3,208,800 3,045,529 3,900,315 3,883,270 3,866,300 3,736,468 3,610,996 3,489,738 3,372,551 3,259,300 3,103,233 4,485,492 4,464,095 4,442,800 4,288,660 4,130,221 3,982,278 3,839,634 3,702,100 3,505,598 4,466,624 4,534,749 4,509,200 4,395,598 4,284,859 4,176,909 4,071,679 3,969,100 3,771,697 4,749,776 4,719,491 4,689,400 4,608,625 4,529,241 4,451,225 4,374,552 4,299,200 4,056,527 4,924,006 4,896,225 4,868,600 4,713,827 4,563,975 4,418,887 4,278,410 4,142,400 3,924,438 5,102,980 5,067,668 5,032,600 4,869,187 4,711,080 4,558,106 4,410,100 4,266,900 4,056,599 5,234,082 5,205,915 5,177,900 5,011,845 4,851,116 4,695,542 4,544,956 4,399,200 4,175,916 5,391,990 5,370,854 5,349,800 5,168,387 4,993,125 4,823,807 4,660,230 4,502,200 4,283,549 5,680,821 5,656,308 5,631,900 5,446,624 5,267,444 5,094,158 4,926,572 4,764,500 4,056,599 5,234,082 5,205,915 5,177,900 5,011,845 4,851,116 4,695,542 4,544,956 4,399,200 4,175,916 5,391,990 5,370,854 5,349,800 5,168,387 4,993,125 4,823,807 4,660,230 4,502,200 4,283,549 5,680,821 5,656,308 5,631,900 5,446,624 5,267,444 5,094,158 4,926,572 4,764,500 4,502,200 4,283,549 5,680,821 5,656,308 6,632,200 6,486,9187 6,738,003 5,822,621 5,647,631 5,477,900 5,126,704 6,624,479 6,623,340 6,622,200 6,432,453 6,248,144 6,069,115 5,895,216 5,726,300 5,356,086 7,083,578 7,104,358 7,125,200 6,928,897 6,738,003 6,552,368 6,371,847 6,196,300 5,784,003 7,142,379 7,178,399 7,214,600 7,035,219 6,860,298 6,689	١	1,475,738	1,462,106	1,448,600	1,448,600	1,448,600	1,448,600	and the second s	Committee of the second control of the	A THE RESIDENCE OF THE PARTY OF
2,618,104 2,626,285 2,634,500 2,527,257 2,424,380 2,325,690 2,231,018 2,140,200 2,045,407 3,032,004 3,040,785 3,049,600 2,937,333 2,829,199 2,725,045 2,624,726 2,528,100 2,386,099 3,196,221 3,200,707 3,205,200 3,075,570 2,951,183 2,831,827 2,717,297 2,607,400 2,469,357 3,506,357 3,508,078 3,509,800 3,371,126 3,237,932 3,110,000 2,987,122 2,869,100 2,710,636 3,718,067 3,714,132 3,710,200 3,577,409 3,449,370 3,325,914 3,206,877 3,092,100 2,938,499 3,879,569 3,868,719 3,857,900 3,718,342 3,583,832 3,454,188 3,329,234 3,208,800 3,045,529 3,900,315 3,883,270 3,866,300 3,736,468 3,610,996 3,489,738 3,372,551 3,259,300 3,103,233 4,485,492 4,464,095 4,442,800 4,283,660 4,130,221 3,982,278 3,839,634 3,702,100 3,505,598 4,860,442 4,534,749 4,509,200 4,395,598 4,284,859 4,176,909 4,071,679 3,969,100 3,771,697 4,749,776 4,719,491 4,689,400 4,608,625 4,529,241 4,451,225 4,384,340 4,142,400 3,924,438 5,102,980 5,067,668 5,032,600 4,869,187 4,711,882 7,456,397 4,418,887 4,278,410 4,142,400 3,924,438 5,584,882 5,205,915 5,177,900 5,011,845 4,851,116 4,695,542 4,544,956 4,399,200 4,056,527 6,393,142 6,386,968 5,631,900 5,446,624 5,267,444 5,094,158 4,926,572 4,764,500 4,502,182 6,393,142 6,386,968 6,380,800 6,189,035 6,003,033 5,822,621 5,647,631 5,477,900 5,126,704 6,624,479 6,623,340 6,622,200 6,432,453 6,248,144 6,069,115 5,895,216 5,726,300 5,356,086 7,083,578 7,104,358 7,125,200 6,928,897 6,738,003 6,552,368 6,371,847 6,196,300 5,784,003 7,142,379 7,178,399 7,214,600 7,035,219 6,860,298 6,689,726 6,523,395 6,361,200 5,941,123		1,657,212	1,637,590	1,618,200	1,618,200	1,618,200	1,618,200			The second secon
2,618,104 2,626,288 2,634,500 2,527,257 2,424,380 2,325,690 2,231,018 2,140,200 2,045,407 3,032,004 3,040,789 3,049,600 2,937,333 2,829,199 2,725,045 2,624,726 2,528,100 2,386,099 3,196,221 3,200,707 3,205,200 3,075,570 2,951,183 2,831,827 2,717,297 2,607,400 2,469,357 3,506,357 3,508,078 3,509,800 3,371,126 3,237,932 3,110,000 2,987,122 2,869,100 2,710,636 3,718,067 3,714,132 3,710,200 3,577,409 3,449,370 3,325,914 3,206,877 3,092,100 2,938,499 3,900,315 3,883,270 3,866,300 3,718,342 3,583,832 3,454,188 3,329,234 3,208,800 3,045,529 4,406,122 4,382,649 4,342,800 4,283,660 4,130,221 3,982,278 3,883,484 3,657,700 3,696,004 4,749,776 4,719,491 4,689,400 4,608,625 4,529,241 4,451,225 4,374,552 4,299,200 4,056,592 4,924,006 4,896,225 4,868,600 <td></td> <td>2,130,049</td> <td>2,136,066</td> <td>2,142,100</td> <td>2,042,740</td> <td>1,947,989</td> <td></td> <td></td> <td></td> <td></td>		2,130,049	2,136,066	2,142,100	2,042,740	1,947,989				
3,032,004 3,040,789 3,049,600 2,937,333 2,829,199 2,725,045 2,624,726 2,528,100 2,386,099 3,196,221 3,200,707 3,205,200 3,075,570 2,951,183 2,831,827 2,717,297 2,607,400 2,469,357 3,506,357 3,508,078 3,509,800 3,371,126 3,237,932 3,110,000 2,987,122 2,869,100 2,710,636 3,718,067 3,714,132 3,710,200 3,577,409 3,449,370 3,325,914 3,206,877 3,092,100 2,938,499 3,900,315 3,883,270 3,866,300 3,736,468 3,610,996 3,489,738 3,372,551 3,259,300 3,045,529 4,464,095 4,442,800 4,283,660 4,130,221 3,982,278 3,839,634 3,702,100 3,505,598 4,406,122 4,382,649 4,359,300 4,208,962 4,063,809 3,923,662 3,788,348 3,657,700 3,469,604 4,560,442 4,534,749 4,509,200 4,395,598 4,284,859 4,176,909 4,071,679 3,969,100 3,771,697 4,749,776 4,719,491 4,689,400 4,608,625 4,529,241 4,451,225 4,374,552 4,299,200 4,056,527 4,924,006 4,896,225 4,868,600 4,713,827 4,563,975 4,418,887 4,278,410 4,142,400 3,924,438 5,102,980 5,067,668 5,032,600 4,869,187 4,711,080 4,558,106 4,410,100 4,266,900 4,056,599 5,234,082 5,205,915 5,177,900 5,011,845 4,851,116 4,695,542 4,544,956 4,399,200 4,175,916 5,391,990 5,370,854 5,349,800 5,168,387 4,993,125 4,823,807 4,660,230 4,502,200 4,283,549 5,680,821 5,656,308 5,631,900 5,446,624 5,267,444 5,094,158 4,926,572 4,764,500 4,502,182 6,393,142 6,386,968 6,380,800 6,189,035 6,003,033 5,822,621 5,647,631 5,477,900 5,126,704 6,624,479 6,623,340 6,622,200 6,432,453 6,248,144 6,069,115 5,895,216 5,726,300 5,356,086 7,083,578 7,104,358 7,125,200 6,928,897 6,738,003 6,552,368 6,371,847 6,196,300 5,784,003 7,142,379 7,178,399 7,214,600 7,035,219 6,860,298 6,689,726 6,523,395 6,361,200 5,941,123			2,626,289	2,634,500	2,527,257	2,424,380			1 1/2	
3,506,357 3,508,078 3,509,800 3,371,126 3,237,932 3,110,000 2,987,122 2,869,100 2,710,636 3,718,067 3,714,132 3,710,200 3,577,409 3,449,370 3,325,914 3,206,877 3,092,100 2,938,499 3,987,569 3,868,719 3,857,900 3,718,342 3,583,832 3,454,188 3,329,234 3,208,800 3,045,529 3,900,315 3,883,270 3,866,300 3,736,468 3,610,996 3,489,738 3,372,551 3,259,300 3,103,233 4,485,492 4,464,095 4,442,800 4,283,660 4,130,221 3,982,278 3,839,634 3,702,100 3,505,598 4,406,122 4,382,649 4,359,300 4,208,962 4,063,809 3,923,662 3,788,348 3,657,700 3,469,604 4,560,442 4,534,749 4,509,200 4,395,598 4,284,859 4,176,909 4,071,679 3,969,100 3,771,697 4,749,776 4,719,491 4,689,400 4,608,625 4,529,241 4,451,225 4,374,552 4,299,200 4,056,527 4,924,006 4,896,225 4,868,600 4,713,827 4,563,975 4,418,887 4,278,410 4,142,400 3,924,438 5,102,980 5,067,668 5,032,600 4,869,187 4,711,080 4,558,106 4,410,100 4,266,900 4,055,695 5,234,082 5,205,915 5,177,900 5,011,845 4,851,116 4,695,542 4,544,956 4,399,200 4,175,916 5,391,990 5,370,854 5,349,800 5,168,387 4,993,125 4,823,807 4,660,230 4,502,200 4,283,549 5,680,821 5,656,308 5,631,900 5,446,624 5,267,444 5,094,158 4,926,572 4,764,500 4,283,549 6,393,142 6,386,968 6,380,800 6,189,035 6,003,033 5,822,621 5,647,631 5,477,900 5,126,704 6,624,479 6,623,340 6,622,200 6,432,453 6,248,144 6,069,115 5,895,216 5,726,300 5,356,086 6,244,79 6,623,340 6,622,200 6,432,453 6,248,144 6,069,115 5,895,216 5,726,300 5,356,086 6,244,79 6,623,340 6,622,200 6,432,453 6,248,144 6,069,115 5,895,216 5,726,300 5,356,086 6,244,79 6,623,340 6,622,200 6,432,453 6,248,144 6,069,115 5,895,216 5,726,300 5,356,086 6,244,79 6,623,340 6,622,200 6,432,453 6,248,144 6,069,115 5,895,216 5,726,300 5,356,086 7,083,578 7,104,358 7,125,200 6,928,897 6,738,003 6,552,368 6,371,847 6,196,300 5,784,003 7,142,379 7,178,399 7,214,600 7,035,219 6,860,298 6,689,720 6,523,395 6,361,200 5,941,123			3,040,789	3,049,600	2,937,333	2,829,199	2,725,045			(F)
3,718,067 3,714,132 3,710,200 3,577,409 3,449,370 3,325,914 3,206,877 3,092,100 2,938,499 3,879,569 3,868,719 3,857,900 3,718,342 3,583,832 3,454,188 3,329,234 3,208,800 3,045,529 3,900,315 3,883,270 3,866,300 3,736,468 3,610,996 3,489,738 3,372,551 3,259,300 3,103,233 4,485,492 4,464,095 4,442,800 4,283,660 4,130,221 3,982,278 3,839,634 3,702,100 3,505,598 4,466,122 4,382,649 4,359,300 4,208,962 4,063,809 3,923,662 3,788,348 3,657,700 3,469,604 4,560,442 4,534,749 4,509,200 4,395,598 4,284,859 4,176,909 4,071,679 3,969,100 3,771,697 4,749,776 4,719,491 4,689,400 4,608,625 4,529,241 4,451,225 4,374,552 4,299,200 4,056,527 4,924,006 4,896,225 4,868,600 4,713,827 4,563,975 4,418,887 4,278,410 4,142,400 3,924,438 5,102,980 5,067,668 5,032,600 4,869,187 4,711,080 4,558,106 4,410,100 4,266,900 4,065,699 5,234,082 5,205,915 5,177,900 5,011,845 4,851,116 4,695,542 4,544,956 4,399,200 4,175,916 5,391,990 5,370,854 5,349,800 5,168,387 4,993,125 4,823,807 4,660,230 4,502,200 4,283,549 5,680,821 5,656,308 5,631,900 5,446,624 5,267,444 5,094,158 4,926,572 4,764,500 4,283,549 6,393,142 6,386,968 6,380,800 6,189,035 6,003,033 5,822,621 5,647,631 5,477,900 5,126,704 6,624,479 6,623,340 6,622,200 6,432,453 6,248,144 6,069,115 5,895,216 5,726,300 5,356,086 7,083,578 7,104,358 7,125,200 6,928,897 6,738,003 6,552,368 6,371,847 6,196,300 5,784,003 7,142,379 7,178,399 7,214,600 7,035,219 6,860,298 6,689,726 6,523,395 6,361,200 5,941,123		3,196,221	3,200,707	3,205,200	3,075,570	2,951,183	2,831,827	The state of the s	The second participation of the second	Total Control
3,879,569 3,868,719 3,857,900 3,718,342 3,583,832 3,454,188 3,329,234 3,208,800 3,045,529 3,900,315 3,883,270 3,866,300 3,736,468 3,610,996 3,489,738 3,372,551 3,259,300 3,103,233 4,485,492 4,464,095 4,442,800 4,283,660 4,130,221 3,982,278 3,839,634 3,702,100 3,505,598 4,406,122 4,382,649 4,359,300 4,208,962 4,063,809 3,923,662 3,788,348 3,657,700 3,469,604 4,560,442 4,534,749 4,509,200 4,395,598 4,284,859 4,176,909 4,071,679 3,969,100 3,771,697 4,749,776 4,719,491 4,689,400 4,608,625 4,529,241 4,451,225 4,374,552 4,299,200 4,056,527 4,924,006 4,896,225 4,868,600 4,713,827 4,563,975 4,418,887 4,278,410 4,142,400 3,924,438 5,102,980 5,067,668 5,032,600 4,869,187 4,711,080 4,558,106 4,410,100 4,266,900 4,065,699 5,234,082 5,205,915 5,177,900 5,011,845 4,851,116 4,695,542 4,544,956 4,399,200 4,175,916 5,391,990 5,370,854 5,349,800 5,168,387 4,993,125 4,823,807 4,660,230 4,502,200 4,283,549 5,680,821 5,656,308 5,631,900 5,446,624 5,267,444 5,094,158 4,926,572 4,764,500 4,502,182 6,393,142 6,386,968 6,380,800 6,189,035 6,003,033 5,822,621 5,647,631 5,477,900 5,126,704 6,624,479 6,623,340 6,622,200 6,432,453 6,248,144 6,069,115 5,895,216 5,726,300 5,356,086 7,083,578 7,104,358 7,125,200 6,928,897 6,738,003 6,552,368 6,371,847 6,196,300 5,784,003 7,142,379 7,178,399 7,214,600 7,035,219 6,860,298 6,689,726 6,523,395 6,361,200 5,941,123	Ì	3,506,357	3,508,078	3,509,800	3,371,126	The second secon		the state of the s		100000000000000000000000000000000000000
3,900,315 3,883,270 3,866,300 3,736,468 3,610,996 3,489,738 3,372,551 3,259,300 3,103,233 4,485,492 4,464,095 4,442,800 4,283,660 4,130,221 3,982,278 3,839,634 3,702,100 3,505,598 4,406,122 4,382,649 4,359,300 4,208,962 4,063,809 3,923,662 3,788,348 3,657,700 3,469,604 4,560,442 4,534,749 4,509,200 4,395,598 4,284,859 4,176,909 4,071,679 3,969,100 3,771,697 4,749,776 4,719,491 4,689,400 4,608,625 4,529,241 4,451,225 4,374,552 4,299,200 4,056,527 4,924,006 4,896,225 4,868,600 4,713,827 4,563,975 4,418,887 4,278,410 4,142,400 3,924,438 5,102,980 5,067,668 5,032,600 4,869,187 4,711,080 4,558,106 4,410,100 4,266,900 4,065,699 5,234,082 5,205,915 5,177,900 5,011,845 4,851,116 4,695,542 4,544,956 4,399,200 4,175,916 5,391,990 5,370,854 5,349,800 5,168,387 4,993,125 4,823,807 4,660,230 4,502,200 4,283,549 5,680,821 5,656,308 5,631,900 5,446,624 5,267,444 5,094,158 4,926,572 4,764,500 4,502,182 6,393,142 6,386,968 6,380,800 6,189,035 6,003,033 5,822,621 5,647,631 5,477,900 5,126,704 6,624,479 6,623,340 6,622,200 6,432,453 6,248,144 6,069,115 5,895,216 5,726,300 5,356,086 7,083,578 7,104,358 7,125,200 6,928,897 6,738,003 6,552,368 6,371,847 6,196,300 5,784,003 7,142,379 7,178,399 7,214,600 7,035,219 6,860,298 6,689,726 6,523,395 6,361,200 5,941,123		3,718,067	3,714,132	3,710,200	3,577,409					
4,485,492 4,464,095 4,442,800 4,283,660 4,130,221 3,982,278 3,839,634 3,702,100 3,505,598 4,406,122 4,382,649 4,359,300 4,208,962 4,063,809 3,923,662 3,788,348 3,657,700 3,469,604 4,560,442 4,534,749 4,509,200 4,395,598 4,284,859 4,176,909 4,071,679 3,969,100 3,771,697 4,749,776 4,719,491 4,689,400 4,608,625 4,529,241 4,451,225 4,374,552 4,299,200 4,056,527 4,924,006 4,896,225 4,868,600 4,713,827 4,563,975 4,418,887 4,278,410 4,142,400 3,924,438 5,102,980 5,067,668 5,032,600 4,869,187 4,711,080 4,558,106 4,410,100 4,266,900 4,065,699 5,234,082 5,205,915 5,177,900 5,011,845 4,851,116 4,695,542 4,544,956 4,399,200 4,175,916 5,391,990 5,370,854 5,349,800 5,168,387 4,993,125 4,823,807 4,660,230 4,502,200 4,283,549 6,035,869 6,023,973 6,012,100 <td></td> <td>3,879,569</td> <td>3,868,719</td> <td>3,857,900</td> <td>3,718,342</td> <td></td> <td></td> <td></td> <td></td> <td></td>		3,879,569	3,868,719	3,857,900	3,718,342					
4,406,122 4,382,649 4,359,300 4,208,962 4,063,809 3,923,662 3,788,348 3,657,700 3,469,604 4,560,442 4,534,749 4,509,200 4,395,598 4,284,859 4,176,909 4,071,679 3,969,100 3,771,697 4,749,776 4,719,491 4,689,400 4,608,625 4,529,241 4,451,225 4,374,552 4,299,200 4,056,527 4,924,006 4,896,225 4,868,600 4,713,827 4,563,975 4,418,887 4,278,410 4,142,400 3,924,438 5,102,980 5,067,668 5,032,600 4,869,187 4,711,080 4,558,106 4,410,100 4,266,900 4,065,699 5,234,082 5,205,915 5,177,900 5,011,845 4,851,116 4,695,542 4,544,956 4,399,200 4,175,916 5,391,990 5,370,854 5,349,800 5,168,387 4,993,125 4,823,807 4,660,230 4,502,200 4,283,549 5,680,821 5,656,308 5,631,900 5,446,624 5,267,444 5,094,158 4,926,572 4,764,500 4,502,182 6,393,142 6,386,968 6,380,800 <td></td> <td>3,900,315</td> <td>3,883,270</td> <td>3,866,300</td> <td>3,736,468</td> <td></td> <td></td> <td></td> <td></td> <td></td>		3,900,315	3,883,270	3,866,300	3,736,468					
4,560,442 4,534,749 4,509,200 4,395,598 4,284,859 4,176,909 4,071,679 3,969,100 3,771,697 4,749,776 4,719,491 4,689,400 4,608,625 4,529,241 4,451,225 4,374,552 4,299,200 4,056,527 4,924,006 4,896,225 4,868,600 4,713,827 4,563,975 4,418,887 4,278,410 4,142,400 3,924,438 5,102,980 5,067,668 5,032,600 4,869,187 4,711,080 4,558,106 4,410,100 4,266,900 4,065,699 5,234,082 5,205,915 5,177,900 5,011,845 4,851,116 4,695,542 4,544,956 4,399,200 4,175,916 5,391,990 5,370,854 5,349,800 5,168,387 4,993,125 4,823,807 4,660,230 4,502,200 4,283,549 5,680,821 5,656,308 5,631,900 5,446,624 5,267,444 5,094,158 4,926,572 4,764,500 4,502,182 6,035,869 6,023,973 6,012,100 5,605,789 5,226,937 4,873,689 4,544,315 4,237,200 4,067,854 6,624,479 6,623,340 6,622,200 <td></td> <td>4,485,492</td> <td>4,464,095</td> <td>4,442,800</td> <td>4,283,660</td> <td></td> <td></td> <td></td> <td></td> <td></td>		4,485,492	4,464,095	4,442,800	4,283,660					
4,749,776 4,719,491 4,689,400 4,608,625 4,529,241 4,451,225 4,374,552 4,299,200 4,056,527 4,924,006 4,896,225 4,868,600 4,713,827 4,563,975 4,418,887 4,278,410 4,142,400 3,924,438 5,102,980 5,067,668 5,032,600 4,869,187 4,711,080 4,558,106 4,410,100 4,266,900 4,065,699 5,234,082 5,205,915 5,177,900 5,011,845 4,851,116 4,695,542 4,544,956 4,399,200 4,175,916 5,391,990 5,370,854 5,349,800 5,168,387 4,993,125 4,823,807 4,660,230 4,502,200 4,283,549 5,680,821 5,656,308 5,631,900 5,446,624 5,267,444 5,094,158 4,926,572 4,764,500 4,502,182 6,035,869 6,023,973 6,012,100 5,605,789 5,226,937 4,873,689 4,544,315 4,237,200 4,067,854 6,393,142 6,386,968 6,380,800 6,189,035 6,003,033 5,822,621 5,647,631 5,477,900 5,126,704 6,624,479 6,623,340 6,622,200 <td></td> <td>4,406,122</td> <td>4,382,649</td> <td>4,359,300</td> <td></td> <td>The second secon</td> <td>The second secon</td> <td></td> <td></td> <td></td>		4,406,122	4,382,649	4,359,300		The second secon	The second secon			
4,924,006 4,896,225 4,868,600 4,713,827 4,563,975 4,418,887 4,278,410 4,142,400 3,924,438 5,102,980 5,067,668 5,032,600 4,869,187 4,711,080 4,558,106 4,410,100 4,266,900 4,065,699 5,234,082 5,205,915 5,177,900 5,011,845 4,851,116 4,695,542 4,544,956 4,399,200 4,175,916 5,391,990 5,370,854 5,349,800 5,168,387 4,993,125 4,823,807 4,660,230 4,502,200 4,283,549 5,680,821 5,656,308 5,631,900 5,446,624 5,267,444 5,094,158 4,926,572 4,764,500 4,502,182 6,035,869 6,023,973 6,012,100 5,605,789 5,226,937 4,873,689 4,544,315 4,237,200 4,067,854 6,393,142 6,386,968 6,380,800 6,189,035 6,003,033 5,822,621 5,647,631 5,477,900 5,126,704 6,624,479 6,623,340 6,622,200 6,432,453 6,248,144 6,069,115 5,895,216 5,726,300 5,356,086 7,083,578 7,104,358 7,125,200 <td></td> <td>4,560,442</td> <td>4,534,749</td> <td>4,509,200</td> <td>The second secon</td> <td></td> <td>The Late Committee of the Late Committee of</td> <td></td> <td></td> <td>12 (W.) ()</td>		4,560,442	4,534,749	4,509,200	The second secon		The Late Committee of			12 (W.) ()
5,102,980 5,067,668 5,032,600 4,869,187 4,711,080 4,558,106 4,410,100 4,266,900 4,065,699 5,234,082 5,205,915 5,177,900 5,011,845 4,851,116 4,695,542 4,544,956 4,399,200 4,175,916 5,391,990 5,370,854 5,349,800 5,168,387 4,993,125 4,823,807 4,660,230 4,502,200 4,283,549 5,680,821 5,656,308 5,631,900 5,446,624 5,267,444 5,094,158 4,926,572 4,764,500 4,502,182 6,035,869 6,023,973 6,012,100 5,605,789 5,226,937 4,873,689 4,544,315 4,237,200 4,067,854 6,393,142 6,386,968 6,380,800 6,189,035 6,003,033 5,822,621 5,647,631 5,477,900 5,126,704 6,624,479 6,623,340 6,622,200 6,432,453 6,248,144 6,069,115 5,895,216 5,726,300 5,356,086 7,083,578 7,104,358 7,125,200 6,928,897 6,738,003 6,552,368 6,371,847 6,196,300 5,941,123 7,142,379 7,178,399 7,214,600 <td></td> <td>4,749,776</td> <td>4,719,491</td> <td>4,689,400</td> <td>4,608,625</td> <td></td> <td>1.00</td> <td>437</td> <td></td> <td></td>		4,749,776	4,719,491	4,689,400	4,608,625		1.00	437		
5,234,082 5,205,915 5,177,900 5,011,845 4,851,116 4,695,542 4,544,956 4,399,200 4,175,916 5,391,990 5,370,854 5,349,800 5,168,387 4,993,125 4,823,807 4,660,230 4,502,200 4,283,549 5,680,821 5,656,308 5,631,900 5,446,624 5,267,444 5,094,158 4,926,572 4,764,500 4,502,182 6,035,869 6,023,973 6,012,100 5,605,789 5,226,937 4,873,689 4,544,315 4,237,200 4,067,854 6,393,142 6,386,968 6,380,800 6,189,035 6,003,033 5,822,621 5,647,631 5,477,900 5,126,704 6,624,479 6,623,340 6,622,200 6,432,453 6,248,144 6,069,115 5,895,216 5,726,300 5,356,086 7,083,578 7,104,358 7,125,200 6,928,897 6,738,003 6,552,368 6,371,847 6,196,300 5,784,003 7,142,379 7,178,399 7,214,600 7,035,219 6,860,298 6,689,726 6,523,395 6,361,200 5,941,123		4,924,006	4,896,225	4,868,600		The second secon		The second secon		
5,391,990 5,370,854 5,349,800 5,168,387 4,993,125 4,823,807 4,660,230 4,502,200 4,283,549 5,680,821 5,656,308 5,631,900 5,446,624 5,267,444 5,094,158 4,926,572 4,764,500 4,502,182 6,035,869 6,023,973 6,012,100 5,605,789 5,226,937 4,873,689 4,544,315 4,237,200 4,067,854 6,393,142 6,386,968 6,380,800 6,189,035 6,003,033 5,822,621 5,647,631 5,477,900 5,126,704 6,624,479 6,623,340 6,622,200 6,432,453 6,248,144 6,069,115 5,895,216 5,726,300 5,356,086 7,083,578 7,104,358 7,125,200 6,928,897 6,738,003 6,552,368 6,371,847 6,196,300 5,784,003 7,142,379 7,178,399 7,214,600 7,035,219 6,860,298 6,689,726 6,523,395 6,361,200 5,941,123		5,102,980	5,067,668	5,032,600			OF THE PERSON NAMED IN			
5,680,821 5,656,308 5,631,900 5,446,624 5,267,444 5,094,158 4,926,572 4,764,500 4,502,182 6,035,869 6,023,973 6,012,100 5,605,789 5,226,937 4,873,689 4,544,315 4,237,200 4,067,854 6,393,142 6,386,968 6,380,800 6,189,035 6,003,033 5,822,621 5,647,631 5,477,900 5,126,704 6,624,479 6,623,340 6,622,200 6,432,453 6,248,144 6,069,115 5,895,216 5,726,300 5,356,086 7,083,578 7,104,358 7,125,200 6,928,897 6,738,003 6,552,368 6,371,847 6,196,300 5,784,003 7,142,379 7,178,399 7,214,600 7,035,219 6,860,298 6,689,726 6,523,395 6,361,200 5,941,123		5,234,082	5,205,915	5,177,900				100,000		
6,035,869 6,023,973 6,012,100 5,605,789 5,226,937 4,873,689 4,544,315 4,237,200 4,067,854 6,393,142 6,386,968 6,380,800 6,189,035 6,003,033 5,822,621 5,647,631 5,477,900 5,126,704 6,624,479 6,623,340 6,622,200 6,432,453 6,248,144 6,069,115 5,895,216 5,726,300 5,356,086 7,083,578 7,104,358 7,125,200 6,928,897 6,738,003 6,552,368 6,371,847 6,196,300 5,784,003 7,142,379 7,178,399 7,214,600 7,035,219 6,860,298 6,689,726 6,523,395 6,361,200 5,941,123		5,391,990	5,370,854		100 100 100 100 100 100 100 100 100 100					The second second
6,393,142 6,386,968 6,380,800 6,189,035 6,003,033 5,822,621 5,647,631 5,477,900 5,126,704 6,624,479 6,623,340 6,622,200 6,432,453 6,248,144 6,069,115 5,895,216 5,726,300 5,356,086 7,083,578 7,104,358 7,125,200 6,928,897 6,738,003 6,552,368 6,371,847 6,196,300 5,784,003 7,142,379 7,178,399 7,214,600 7,035,219 6,860,298 6,689,726 6,523,395 6,361,200 5,941,123		5,680,821	5,656,308	5,631,900	and the second second	1 (0)				
6,624,479 6,623,340 6,622,200 6,432,453 6,248,144 6,069,115 5,895,216 5,726,300 5,356,086 7,083,578 7,104,358 7,125,200 6,928,897 6,738,003 6,552,368 6,371,847 6,196,300 5,784,003 7,142,379 7,178,399 7,214,600 7,035,219 6,860,298 6,689,726 6,523,395 6,361,200 5,941,123		6,035,869	6,023,973	6,012,100	A STATE OF THE PARTY OF THE PAR				- 3	
7,083,578 7,104,358 7,125,200 6,928,897 6,738,003 6,552,368 6,371,847 6,196,300 5,784,003 7,142,379 7,178,399 7,214,600 7,035,219 6,860,298 6,689,726 6,523,395 6,361,200 5,941,123		6,393,142	6,386,968				Committee of the Commit			
7,142,379 7,178,399 7,214,600 7,035,219 6,860,298 6,689,726 6,523,395 6,361,200 5,941,123		6,624,479				The State of the Land	And the second s			THE RESERVE AND ADDRESS OF THE PARTY OF THE
		174				The second secon	The second second			
7,142,909 7,181,799 7,220,900 7,062,742 6,908,048 6,756,742 6,608,750 6,464,000 6,051,613						The second secon	The state of the s			
		7,142,909	7,181,799	7,220,900	7,062,742	6,908,048	6,756,742	6,608,750	6,464,000	6,051,613

59	60	61	62	63	64
158,618	131,417	108,881	90,209	74,739	61,922
171,831	144,820	122,055	102,868	86,698	73,069
186,145	159,589	136,823	117,304	100,569	86,222
201,651	175,865	153,377	133,765	116,660	101,743
218,448	193,801	171,935	152,536	135,326	120,058
236,645	213,566	192,739	173,942	156,978	141,669
256,357	235,347	216,059	198,351	182,095	167,171
277,712	259,349	242,201	226,186	211,230	197,264
300,846	285,799	271,506	257,927	245,028	232,773
325,906	314,947	304,357	294,122	284,232	274,675
353,054	347,067	341,182	335,397	329,710	324,119
382,463	382,463	382,463	382,463	382,463	382,463

398,048	398,048	398,048	398,048	398,048	398,048
422,061	422,061	422,061	422,061	422,061	422,061
426,325	400,740	376,689	354,083	332,833	312,858
424,941	412,230	399,900	387,938	376,334	365,077
512,758	482,772	454,539	427,957	402,930	379,366
542,757	511,131	481,348	453,300	426,887	402,012
608,275	560,770	516,975	476,600	439,378	405,064
656,991	606,867	560,567	517,800	478,296	441,805
697,770	640,589	588,093	539,900	495,656	455,038
820,043	751,213	688,160	630,400	577,488	529,017
907,751	828,279	755,765	689,600	629,227	574,140
1,070,105	976,725	891,494	813,700	742,695	677,886
1,202,567	1,095,695	998,321	909,600	828,764	755,112
1,347,743	1,229,970	1,122,489	1,024,400	934,883	853,188
1,548,502	1,482,567	1,419,440	1,359,000	1,301,134	1,245,732
1,954,812	1,868,230	1,785,482	1,706,400	1,630,820	1,558,588
2,252,074	2,125,577	2,006,186	1,893,500	1,787,144	1,686,762
2,338,622	2,214,809	2,097,550	1,986,500	1,881,329	1,781,726
2,560,924	2,419,481	2,285,850	2,159,600	2,040,323	1,927,633
2,792,528	2,653,809	2,521,980	2,396,700	2,277,643	2,164,501
2,890,565	2,743,487	2,603,892	2,471,400	2,345,650	2,226,298
2,954,638	2,813,159	2,678,454	2,550,200	2,428,087	2,311,821
3,319,526	3,143,331	2,976,487	2,818,500	2,668,898	2,527,237
3,291,181	3,121,933	2,961,388	2,809,100	2,664,643	2,527,615
3,584,112	3,405,856	3,236,466	3,075,500	2,922,540	2,777,188
3,827,553	3,611,503	3,407,648	3,215,300	3,033,809	2,862,563
3,717,945	3,522,317	3,336,983	3,161,400	2,995,056	2,837,464
3,873,985	3,691,312	3,517,252	3,351,400	3,193,368	3,042,789
3,963,964	3,762,771	3,571,789	3,390,500	3,218,413	3,055,060
4,075,517	3,877,588	3,689,271	3,510,100	3,339,631	3,177,440
4,254,307	4,020,079	3,798,746	3,589,600	3,391,968	3,205,218
3,905,276	3,749,196	3,599,354	T. S	10.4	3,184,811
4,798,024	4,490,417		3,933,100	and the same of the same of	3,444,953
5,009,808	4,685,916	4,382,965	The second of th	and the same of the same	
5,399,140	5,039,886	4,704,536	4,391,500	The second second second	The state of the s
5,548,787		of the colon of the colon of		CONTRACTOR OF THE PARTY	THE RESIDENCE OF CO., DAY
5,665,535	5,304,087	4,965,699	4,648,900	4,352,312	4,074,645

Table C-22: Estimated Yearly Earnings of Female Workers by Age (¥)

Year	15	16	17	18	19	20	21	22
1947	50,136	55,999	62,547	69,861	78,030	85,818	94,382	103,801
1948	51,656	57,518	64,045	71,312	79,405	87,322	96,028	105,603
1949	53,222	59,078	65,578	72,793	80,803	88,852	97,703	107,436
1950	54,835	60,680	67,148	74,305	82,226	90,409	99,407	109,300
1951	56,497	62,326	68,756	75,849	83,674	91,994	101,141	111,197
1952	58,210	64,016	70,402	77,424	85,147	93,606	102,905	113,127
1953	59,974	65,752	72,087	79,032	86,647	95,246	104,699	115,091
1954	61,792	67,536	73,813	80,674	88,173	96,916	106,525	117,088
1955	63,665	69,367	75,580	82,350	89,725	98,614	108,383	119,120
1956	65,595	71,249	77,390	84,060	91,305	100,342	110,274	121,188
1957	67,583	73,181	79,243	85,806	92,913	102,101	112,197	123,291
1958	69,632	75,166	81,140	87,588	94,549	103,890	114,154	125,431
1959	72,114	78,075	84,530	91,518	99,083	108,581	118,990	130,396

1	1960	82,662	88,694	95,167	102,112	109,563	118,903	129,039	140,038
1	1961	94,067	100,662	107,719	115,271	123,353	133,124	143,669	155,050
1	1962	116,941	123,963	131,407	139,298	147,663	158,829	170,840	183,759
1	1963	125,196	134,423	144,331	154,968	166,390	179,069	192,716	207,402
1	1964	143,600	153,400	163,869	175,053	187,000	200,211	214,356	229,500
1	1965	173,917	182,700	191,926	201,618	211,800	228,456	246,422	265,800
1	1966	188,147	198,200	208,791	219,947	231,700	250,899	271,688	294,200
1	1967	204,548	215,500	227,038	239,194	252,000	273,935	297,780	323,700
1	1968	243,381	255,500	268,223	281,579	295,600	320,934	348,438	378,300
1	1969	284,209	297,800	312,041	326,964	342,600	369,585	398,696	430,100
1	1970	343,178	360,200	378,066	396,818	416,500	447,588	480,997	516,900
1	1971	399,038	419,500	441,011	463,626	487,400	525,050	565,609	609,300
1	1972	475,264	496,900	519,521	543,172	567,900	611,184	657,767	707,900
1	1973	576,220	600,400	625,595	651,847	679,200	728,733	781,879	838,900
1	1973	734,849	768,000	802,647	838,857	876,700	940,017	1,007,907	1,080,700
1	1974	788,181	835,900	886,508	940,179	997,100	1,083,582	1,177,565	1,279,700
1	1975	834,034	888,400	946,310	1,007,994	1,073,700	1,170,761	1,276,597	1,392,000
1		873,126	933,900	998,904	1,068,432	1,142,800	1,255,683	1,379,716	1,516,000
1	1977	927,510	989,900	1,056,487	1,127,553	1,203,400	1,324,394	1,457,553	1,604,100
1	1978	927,310 9 72,727	700000	1,103,388	1,175,160	1,251,600	1,375,884	1,512,508	1,662,700
-	1979		1,036,000	1,119,504	1,184,136	1,252,500	1,378,582	1,517,356	1,670,100
-	1980	1,000,631	1,058,400		1,297,261	1,379,800	1,518,410	1,670,943	1,838,800
- 1	1981	1,078,105	1,146,700	1,219,659	1,305,799	1,377,500	1,515,566	1,667,470	1,834,600
1	1982	1,112,323	1,173,400	1,237,831 1,277,675	1,342,588	1,410,800	1,552,933	1,709,386	1,881,600
1	1983	1,157,112	1,215,900	1,319,554	1,383,240	1,450,000	1,594,628	1,753,682	1,928,600
1	1984	1,200,843	1,258,800	1,341,531	1,416,756	1,496,200	1,644,209	1,806,860	1,985,600
-	1985	1,202,851	1,270,300	1,376,678	1,445,756	1,518,300	1,673,276	1,844,071	2,032,300
- 1	1986	1,248,265	1,310,900 1,355,200	1,415,815	1,479,141	1,545,300	1,705,460	1,882,220	2,077,300
-	1987	1,297,180	1,355,500	1,413,613	1,503,466	1,583,400	1,744,599	1,922,209	2,117,900
-1	1988	1,287,071	1,399,800	1,473,907	1,551,938	1,634,100	1,801,307	1,985,624	2,188,800
1	1989	1,329,419		1,536,598	1,632,082	1,733,500	1,902,684	2,088,380	2,292,200
- [1990	1,362,061	1,446,700	1,649,077	1,746,038	1,848,700	2,026,959	2,222,407	2,436,700
-	1991	1,471,009 1,510,040	1,557,500 1,608,500	1,713,380	1,825,098	1,944,100	2,130,186	2,334,085	2,557,500
1	1992	The state of the s	1,723,700	1,830,659	1,944,255	2,064,900	2,273,844	2,503,931	2,757,300
1	1993	1,622,990	1,723,700	The state of the s	1,974,311	2,104,800	2,317,430	2,551,540	2,809,300
- 1	1994 1995	1,629,407 1,598,373	1,708,800	1,826,856	1,953,068	2,088,000	2,308,986	2,553,361	2,823,600
L	1993	1,390,373	1,700,000	1,020,000	1,900,000	2,000,000	4,300,900	Eyologo (1	2,025,000
ſ	23	24	25	26	27	28	29	30	31
ŀ	102,625		100,311	99,174	98,050	95,336	92,698	90,132	87,637
- 1	104,994				The second second second	- Table 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	97,327	94,797	92,332
- [107,417		1000			14 15 15 15 15 15 15 15 15 15 15 15 15 15	102,187	99,703	97,279
- 1	109,897		1/1	5,512,733	10.00		107,290	104,863	102,491
١	112,433		L. Martine Ha				112,648	110,290	107,982
- 1	115,029	The second second second				4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	118,274	115,998	
- 1	117,684	The state of the s	The second secon	The state of the s	Construction of the con-	C 70.1009/SAF./C.R	124,180		
- {	120,400	1 12 12 12 12 12 12 12 12 12 12 12 12 12				The second second second second	130,382	128,316	
	123,180			THE RESERVE AND ADDRESS OF THE PARTY OF THE		The state of the s	136,893	the second secon	-5-1
	126,023							The second secon	the state of the state of
1	128,932		10 C mm 10 C m						PH COLUMN
	131,908					The second secon		The state of the s	Section 1. Control of the section 1.
	136,871		Control	Total Control	27.417				The state of the s
	145,796					117			
	160,428	The second second				The state of the s			
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188,906 194,321 199,827 200,489 213,2557 236,008 229,632 238,134 225,034 226,031 227,137 222,48 227,239 232,557 236,008 239,632 238,248 246,921 227,959 238,173 242,631 247,173 251,800 232,947 295,515 296,055 300,616 279,905 301,658 305,457 309,304 313,200 343,483 341,775 340,075 338,383 385,760 393,367 401,124 409,034 417,100 412,750 408,446 404,186 399,971 448,242 457,598 467,146 476,900 468,446 400,141 451,984 443,971 527,975 599,288 508,842 556,45 574,700 566,192 57,810 549,551 511,415 621,612 634,173 646,988 660,062 673,400 662,940 652,643 642,505 632,525 714,138 731,163 743,080 755,191 767,500 755,533 743,752 732,155 720,738 856,266 637,991 889,2084 91,055 929,400 925,995 922,603 919,223 915,855 1,101,300 1,122,292 1,143,684 1,165,484 1,187,700 1,433,235 1,489,41 1,487,541 1,478,694 1,546,008 1,576,611 1,667,819 1,639,644 1,796,800 1,496,444 1,487,541 1,478,694 1,546,008 1,576,611 1,667,819 1,639,644 1,796,800 1,889,307 1,906,566 2,024,441 2,090,396 2,158,500 2,158,500 2,167,719 4,165,817 1,704,566 2,024,441 2,090,396 2,158,500 2,157,576 2,159,753 2,166,946 2,169,773 1,894,692 1,955,753 2,020,846 2,887,387 1,783,400 1,941,757 1,904,116 1,933 2,164,116 2,166,812 2,184,686 2,267,718 2,266,373 2,266,373 2,267,483 2,235,887 2,275,587 2,275,588 2,235,887 2,235,887 2,235,897 2,235,897 2,235,898 2,235,898 2,235,898 2,235,888 2,230,287 2,246,681 2,298,881 2,302,287 2,266,949 2,765,555 2,875,847 2,990,533 3,150,060 3,150,060 3,103,083 3,575,553 3,045,867 3,166,801	221,205 217,120 222,148 227,292 232,557 236,068 239,632 243,245 246,921 233,796 238,173 242,631 247,173 251,800 253,419 255,049 256,688 258,335 270,566 275,417 280,356 285,383 290,500 292,997 295,515 298,055 306,616 393,780 305,457 309,304 313,200 314,548 315,902 317,262 318,628 338,383 385,760 393,367 401,124 409,034 417,100 412,750 408,446 404,146 493,971 439,077 448,242 457,598 467,149 476,900 468,446 460,141 451,984 443,971 527,975 392,288 509,842 562,645 574,700 566,192 557,810 549,551 541,415 562,668 873,991 892,084 910,551 929,400 925,995 922,603 919,223 915,855 1,101,300 1,122,292 1,143,684 1,165,484 1,187,700 1,188,355 1,189,019 1,189,679 1,190,335 1,366,492 1,36	1	100.00	roread	100.000	205 400	211214	214,336	217,403	220,514	223,670
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32 33 34 35 36 37 38 39 40 85,212 83,229 81,293 79,402 77,555 75,751 78,305 80,946 83,675 89,932 88,028 86,165 84,341 82,555 80,808 83,156 85,573 88,060 94,914 93,104 91,328 89,586 87,878 86,202 88,308 90,465 92,675 100,172 98,472 96,801 95,158 93,543 91,955 93,778 95,637 97,532 105,721 104,150 102,601 101,076 99,574 98,093 99,587 101,104 102,644 111,578 110,155 108,750 107,362 105,993 104,641 105,756 106,884 108,023 117,759 116,506 115,266 114,040 112,826 111,626 112,308 112,994 113,685 124,283 123,224 122,174 121,132 120,100 119,077 119,265 119,454 119,643 131,168 130,328 129,495 128,666 127,843 127,025 126,653 126,283 125,913 138,434 137,843 137,254 136,668 136,085 135,504 134,499 133,502 132,512 146,103 145,791 145,479 145,168 144,858 144,548 142,831 141,134 139,457 154,197 154,197 154,197 154,197 154,197 154,197 151,679 149,202 146,766 163,311 163,311 163,311 163,311 163,311 163,311 160,797 158,323 155,886 174,969 174,969 174,969 174,969 174,969 174,969 172,188 169,452 166,760 196,370 193,341 190,358 187,422 184,531 181,684 180,928 180,175 179,426	32 33 34 35 36 37 38 39 40 85,212 83,229 81,293 79,402 77,555 75,751 78,305 80,946 83,675 89,932 88,028 86,165 84,341 82,555 80,808 83,156 85,573 88,060 94,914 93,104 91,328 89,586 87,878 86,202 88,308 90,465 92,675 100,172 98,472 96,801 95,158 93,543 91,955 93,778 95,637 97,532 105,721 104,150 102,601 101,076 99,574 98,093 99,587 101,104 102,644 111,578 110,155 108,750 107,362 105,993 104,641 105,756 106,884 108,023 117,759 116,506 115,266 114,040 112,826 111,626 112,308 112,994 113,685 124,283 123,224 122,174 121,132 120,100 119,077 119,265 119,454 119,643 131,168 130,328 129,495 128,666 127,843 127,025 126,653 126,283 125,913 138,434 137,843 137,254 136,668 136,085 135,504 134,499 133,502 132,512 146,103 145,791 145,479 145,168 144,858 144,548 142,831 141,134 139,457 154,197 154,197 154,197 154,197 154,197 154,197 151,679 149,202 146,766 163,311 163,311 163,311 163,311 163,311 163,311 160,797 158,323 155,886 174,969 174,969 174,969 174,969 174,969 174,969 172,188 169,452 166,760 196,370 193,341 190,358 187,422 184,531 181,684 180,928 180,175 179,426 226,871 224,094 221,350 218,641 215,964 213,320 213,303 213,285 213,268	1									THE RESERVE AND ADDRESS OF THE PARTY OF THE
85,212 83,229 81,293 79,402 77,555 75,751 78,305 80,946 83,675 89,932 88,028 86,165 84,341 82,555 80,808 83,156 85,573 88,060 94,914 93,104 91,328 89,586 87,878 86,202 88,308 90,465 92,675 100,172 98,472 96,801 95,158 93,543 91,955 93,778 95,637 97,532 105,721 104,150 102,601 101,076 99,574 98,093 99,587 101,104 102,644 111,578 110,155 108,750 107,362 105,993 104,641 105,756 106,884 108,023 117,759 116,506 115,266 114,040 112,826 111,626 112,308 112,994 113,685 124,283 123,224 122,174 121,132 120,100 119,077 119,265 119,454 119,643 131,168 130,328 129,495 128,666 127,843 127,025 126,653 126,283 125,913 138,434 137,843 137,254 136,668 136,085 135,504 134,499 133,502 132,512 146,103 145,791 145,479 145,168 144,858 144,548 142,831 141,134 139,457 154,197 154,	85,212 83,229 81,293 79,402 77,555 75,751 78,305 80,946 83,675 89,932 88,028 86,165 84,341 82,555 80,808 83,156 85,573 88,060 94,914 93,104 91,328 89,586 87,878 86,202 88,308 90,465 92,675 100,172 98,472 96,801 95,158 93,543 91,955 93,778 95,637 97,532 105,721 104,150 102,601 101,076 99,574 98,093 99,587 101,104 102,644 111,578 110,155 108,750 107,362 105,993 104,641 105,756 106,884 108,023 117,759 116,506 115,266 114,040 112,826 111,626 112,308 112,994 113,685 124,283 123,224 122,174 121,132 120,100 119,077 119,265 119,454 119,643 131,168 130,328 129,495 128,666 127,843 127,025 126,653 126,283 125,913 138,434 137,843 137,254 136,668 136,085 135,504 134,499 133,502 132,512 146,103 145,791 145,479 145,168 144,858 144,548 142,831 141,134 139,457 154,197 154,197 154,197 154,197 154,197 154,197 151,679 149,202 146,766 163,311 181,684 180,928 180,175 179,	Į	2,932,629	3,045,867	3,163,478	3,285,631	3,412,500	3,465,037	3,518,383	3,572,551	3,627,552
85,212 83,229 81,293 79,402 77,555 75,751 78,305 80,946 83,675 89,932 88,028 86,165 84,341 82,555 80,808 83,156 85,573 88,060 94,914 93,104 91,328 89,586 87,878 86,202 88,308 90,465 92,675 100,172 98,472 96,801 95,158 93,543 91,955 93,778 95,637 97,532 105,721 104,150 102,601 101,076 99,574 98,093 99,587 101,104 102,644 111,578 110,155 108,750 107,362 105,993 104,641 105,756 106,884 108,023 117,759 116,506 115,266 114,040 112,826 111,626 112,308 112,994 113,685 124,283 123,224 122,174 121,132 120,100 119,077 119,265 119,454 119,643 131,168 130,328 129,495 128,666 127,843 127,025 126,653 126,283 125,913 138,434 137,843 137,254 136,668 136,085 135,504 134,499 133,502 132,512 146,103 145,791 145,479 145,168 144,858 144,548 142,831 141,134 139,457 154,197 154,197 154,197 154,197 154,197 154,197 151,679 149,202 146,766 163,311 163,	85,212 83,229 81,293 79,402 77,555 75,751 78,305 80,946 83,675 89,932 88,028 86,165 84,341 82,555 80,808 83,156 85,573 88,060 94,914 93,104 91,328 89,586 87,878 86,202 88,308 90,465 92,675 100,172 98,472 96,801 95,158 93,543 91,955 93,778 95,637 97,532 105,721 104,150 102,601 101,076 99,574 98,093 99,587 101,104 102,644 111,578 110,155 108,750 107,362 105,993 104,641 105,756 106,884 108,023 117,759 116,506 115,266 114,040 112,826 111,626 112,308 112,994 113,685 124,283 123,224 122,174 121,132 120,100 119,077 119,265 119,454 119,643 131,168 130,328 129,495 128,666 127,843 127,025 126,653 126,283 125,913 138,434 137,843 137,254 136,668 136,085 135,504 134,499 133,502 132,512 146,103 145,791 145,479 145,168 144,858 144,548 142,831 141,134 139,457 154,197 154,197 154,197 154,197 154,197 154,197 151,679 149,202 146,766 163,311 163,										
89,932 88,028 86,165 84,341 82,555 80,808 83,156 85,573 88,060 94,914 93,104 91,328 89,586 87,878 86,202 88,308 90,465 92,675 100,172 98,472 96,801 95,158 93,543 91,955 93,778 95,637 97,532 105,721 104,150 102,601 101,076 99,574 98,093 99,587 101,104 102,644 111,578 110,155 108,750 107,362 105,993 104,641 105,756 106,884 108,023 117,759 116,506 115,266 114,040 112,826 111,626 112,308 112,994 113,685 124,283 123,224 122,174 121,132 120,100 119,077 119,265 119,454 119,643 131,168 130,328 129,495 128,666 127,843 127,025 126,653 126,283 125,913 138,434 137,843 137,254 136,668 136,085 135,504 134,499 133,502 132,512 146,103 145,791 145,479 145,168 144,858 144,548 142,831 141,134 139,457 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 155,886 174,969 174	89,932 88,028 86,165 84,341 82,555 80,808 83,156 85,573 88,060 94,914 93,104 91,328 89,586 87,878 86,202 88,308 90,465 92,675 100,172 98,472 96,801 95,158 93,543 91,955 93,778 95,637 97,532 105,721 104,150 102,601 101,076 99,574 98,093 99,587 101,104 102,644 111,578 110,155 108,750 107,362 105,993 104,641 105,756 106,884 108,023 117,759 116,506 115,266 114,040 112,826 111,626 112,308 112,994 113,685 124,283 123,224 122,174 121,132 120,100 119,077 119,265 119,454 119,643 131,168 130,328 129,495 128,666 127,843 127,025 126,653 126,283 125,913 138,434 137,843 137,254 136,668 136,085 135,504 134,499 133,502 132,512 146,103 <th>Į</th> <th></th> <th></th> <th></th> <th>35</th> <th>36</th> <th>27 1</th> <th>20 </th> <th>20</th> <th></th>	Į				35	36	27 1	20	20	
94,914 93,104 91,328 89,586 87,878 86,202 88,308 90,465 92,675 100,172 98,472 96,801 95,158 93,543 91,955 93,778 95,637 97,532 105,721 104,150 102,601 101,076 99,574 98,093 99,587 101,104 102,644 111,578 110,155 108,750 107,362 105,993 104,641 105,756 106,884 108,023 117,759 116,506 115,266 114,040 112,826 111,626 112,308 112,994 113,685 124,283 123,224 122,174 121,132 120,100 119,077 119,265 119,454 119,643 131,168 130,328 129,495 128,666 127,843 127,025 126,653 126,283 125,913 138,434 137,843 137,254 136,668 136,085 135,504 134,499 133,502 132,512 146,103 145,791 145,479 145,168 144,858 144,548 142,831 141,134 139,457 154,197 15	94,914 93,104 91,328 89,586 87,878 86,202 88,308 90,465 92,675 100,172 98,472 96,801 95,158 93,543 91,955 93,778 95,637 97,532 105,721 104,150 102,601 101,076 99,574 98,093 99,587 101,104 102,644 111,578 110,155 108,750 107,362 105,993 104,641 105,756 106,884 108,023 117,759 116,506 115,266 114,040 112,826 111,626 112,308 112,994 113,685 124,283 123,224 122,174 121,132 120,100 119,077 119,265 119,454 119,643 131,168 130,328 129,495 128,666 127,843 127,025 126,653 126,283 125,913 138,434 137,843 137,254 136,668 136,085 135,504 134,499 133,502 132,512 146,103 145,791 145,479 145,168 144,858 144,548 142,831 141,134 139,457 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 155,679 149,202 146,766 163,311 181,684 180,928 180,175 179,426 126,871	-	85 212	400,400,400							
100,172 98,472 96,801 95,158 93,543 91,955 93,778 95,637 97,532 105,721 104,150 102,601 101,076 99,574 98,093 99,587 101,104 102,644 111,578 110,155 108,750 107,362 105,993 104,641 105,756 106,884 108,023 117,759 116,506 115,266 114,040 112,826 111,626 112,308 112,994 113,685 124,283 123,224 122,174 121,132 120,100 119,077 119,265 119,454 119,643 131,168 130,328 129,495 128,666 127,843 127,025 126,653 126,283 125,913 138,434 137,843 137,254 136,668 136,085 135,504 134,499 133,502 132,512 146,103 145,791 145,479 145,168 144,858 144,548 142,831 141,134 139,457 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 <td>100,172 98,472 96,801 95,158 93,543 91,955 93,778 95,637 97,532 105,721 104,150 102,601 101,076 99,574 98,093 99,587 101,104 102,644 111,578 110,155 108,750 107,362 105,993 104,641 105,756 106,884 108,023 117,759 116,506 115,266 114,040 112,826 111,626 112,308 112,994 113,685 124,283 123,224 122,174 121,132 120,100 119,077 119,265 119,454 119,643 131,168 130,328 129,495 128,666 127,843 127,025 126,653 126,283 125,913 138,434 137,843 137,254 136,668 136,085 135,504 134,499 133,502 132,512 146,103 145,791 145,479 145,168 144,858 144,548 142,831 141,134 139,457 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197<td></td><td>05,212</td><td>83,229</td><td></td><td></td><td>77,555</td><td>75,751</td><td>78,305</td><td>80,946</td><td>83,675</td></td>	100,172 98,472 96,801 95,158 93,543 91,955 93,778 95,637 97,532 105,721 104,150 102,601 101,076 99,574 98,093 99,587 101,104 102,644 111,578 110,155 108,750 107,362 105,993 104,641 105,756 106,884 108,023 117,759 116,506 115,266 114,040 112,826 111,626 112,308 112,994 113,685 124,283 123,224 122,174 121,132 120,100 119,077 119,265 119,454 119,643 131,168 130,328 129,495 128,666 127,843 127,025 126,653 126,283 125,913 138,434 137,843 137,254 136,668 136,085 135,504 134,499 133,502 132,512 146,103 145,791 145,479 145,168 144,858 144,548 142,831 141,134 139,457 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 <td></td> <td>05,212</td> <td>83,229</td> <td></td> <td></td> <td>77,555</td> <td>75,751</td> <td>78,305</td> <td>80,946</td> <td>83,675</td>		05,212	83,229			77,555	75,751	78,305	80,946	83,675
105,721 104,150 102,601 101,076 99,574 98,093 99,587 101,104 102,644 111,578 110,155 108,750 107,362 105,993 104,641 105,756 106,884 108,023 117,759 116,506 115,266 114,040 112,826 111,626 112,308 112,994 113,685 124,283 123,224 122,174 121,132 120,100 119,077 119,265 119,454 119,643 131,168 130,328 129,495 128,666 127,843 127,025 126,653 126,283 125,913 138,434 137,843 137,254 136,668 136,085 135,504 134,499 133,502 132,512 146,103 145,791 145,479 145,168 144,858 144,548 142,831 141,134 139,457 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 <td< td=""><td>105,721 104,150 102,601 101,076 99,574 98,093 99,587 101,104 102,644 111,578 110,155 108,750 107,362 105,993 104,641 105,756 106,884 108,023 117,759 116,506 115,266 114,040 112,826 111,626 112,308 112,994 113,685 124,283 123,224 122,174 121,132 120,100 119,077 119,265 119,454 119,643 131,168 130,328 129,495 128,666 127,843 127,025 126,653 126,283 125,913 138,434 137,843 137,254 136,668 136,085 135,504 134,499 133,502 132,512 146,103 145,791 145,479 145,168 144,858 144,548 142,831 141,134 139,457 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 <td< td=""><td>- 1</td><td></td><td></td><td>86,165</td><td>84,341</td><td>77,555 82,555</td><td>75,751 80,808</td><td>78,305 83,156</td><td>80,946 85,573</td><td>83,675 88,060</td></td<></td></td<>	105,721 104,150 102,601 101,076 99,574 98,093 99,587 101,104 102,644 111,578 110,155 108,750 107,362 105,993 104,641 105,756 106,884 108,023 117,759 116,506 115,266 114,040 112,826 111,626 112,308 112,994 113,685 124,283 123,224 122,174 121,132 120,100 119,077 119,265 119,454 119,643 131,168 130,328 129,495 128,666 127,843 127,025 126,653 126,283 125,913 138,434 137,843 137,254 136,668 136,085 135,504 134,499 133,502 132,512 146,103 145,791 145,479 145,168 144,858 144,548 142,831 141,134 139,457 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 154,197 <td< td=""><td>- 1</td><td></td><td></td><td>86,165</td><td>84,341</td><td>77,555 82,555</td><td>75,751 80,808</td><td>78,305 83,156</td><td>80,946 85,573</td><td>83,675 88,060</td></td<>	- 1			86,165	84,341	77,555 82,555	75,751 80,808	78,305 83,156	80,946 85,573	83,675 88,060
111,578 110,155 108,750 107,362 105,993 104,641 105,756 106,884 108,023 117,759 116,506 115,266 114,040 112,826 111,626 112,308 112,994 113,685 124,283 123,224 122,174 121,132 120,100 119,077 119,265 119,454 119,643 131,168 130,328 129,495 128,666 127,843 127,025 126,653 126,283 125,913 138,434 137,843 137,254 136,668 136,085 135,504 134,499 133,502 132,512 146,103 145,791 145,479 145,168 144,858 144,548 142,831 141,134 139,457 154,197	111,578 110,155 108,750 107,362 105,993 104,641 105,756 106,884 108,023 117,759 116,506 115,266 114,040 112,826 111,626 112,308 112,994 113,685 124,283 123,224 122,174 121,132 120,100 119,077 119,265 119,454 119,643 131,168 130,328 129,495 128,666 127,843 127,025 126,653 126,283 125,913 138,434 137,843 137,254 136,668 136,085 135,504 134,499 133,502 132,512 146,103 145,791 145,479 145,168 144,858 144,548 142,831 141,134 139,457 154,197		89,932	88,028	86,165 91,328	84,341 89,586	77,555 82,555 87,878	75,751 80,808 86,202	78,305 83,156 88,308	80,946 85,573 90,465	83,675 88,060 92,675
117,759 116,506 115,266 114,040 112,826 111,626 112,308 112,994 113,685 124,283 123,224 122,174 121,132 120,100 119,077 119,265 119,454 119,643 131,168 130,328 129,495 128,666 127,843 127,025 126,653 126,283 125,913 138,434 137,843 137,254 136,668 136,085 135,504 134,499 133,502 132,512 146,103 145,791 145,479 145,168 144,858 144,548 142,831 141,134 139,457 154,197 <td>117,759 116,506 115,266 114,040 112,826 111,626 112,308 112,994 113,685 124,283 123,224 122,174 121,132 120,100 119,077 119,265 119,454 119,643 131,168 130,328 129,495 128,666 127,843 127,025 126,653 126,283 125,913 138,434 137,843 137,254 136,668 136,085 135,504 134,499 133,502 132,512 146,103 145,791 145,479 145,168 144,858 144,548 142,831 141,134 139,457 154,197 154,197 154,197 154,197 154,197 151,679 149,202 146,766 163,311</td> <td></td> <td>89,932 94,914 100,172</td> <td>88,028 93,104 98,472</td> <td>86,165 91,328 96,801</td> <td>84,341 89,586 95,158</td> <td>77,555 82,555 87,878 93,543</td> <td>75,751 80,808 86,202 91,955</td> <td>78,305 83,156 88,308 93,778</td> <td>80,946 85,573 90,465 95,637</td> <td>83,675 88,060 92,675 97,532</td>	117,759 116,506 115,266 114,040 112,826 111,626 112,308 112,994 113,685 124,283 123,224 122,174 121,132 120,100 119,077 119,265 119,454 119,643 131,168 130,328 129,495 128,666 127,843 127,025 126,653 126,283 125,913 138,434 137,843 137,254 136,668 136,085 135,504 134,499 133,502 132,512 146,103 145,791 145,479 145,168 144,858 144,548 142,831 141,134 139,457 154,197 154,197 154,197 154,197 154,197 151,679 149,202 146,766 163,311		89,932 94,914 100,172	88,028 93,104 98,472	86,165 91,328 96,801	84,341 89,586 95,158	77,555 82,555 87,878 93,543	75,751 80,808 86,202 91,955	78,305 83,156 88,308 93,778	80,946 85,573 90,465 95,637	83,675 88,060 92,675 97,532
124,283 123,224 122,174 121,132 120,100 119,077 119,265 119,454 119,643 131,168 130,328 129,495 128,666 127,843 127,025 126,653 126,283 125,913 138,434 137,843 137,254 136,668 136,085 135,504 134,499 133,502 132,512 146,103 145,791 145,479 145,168 144,858 144,548 142,831 141,134 139,457 154,197 154,197 154,197 154,197 154,197 151,679 149,202 146,766 163,311 163,311 163,311 163,311 163,311 163,311 160,797 158,323 155,886 174,969 174,969 174,969 174,969 174,969 172,188 169,452 166,760 196,370 193,341 190,358 187,422 184,531 181,684 180,928 180,175 179,426	124,283 123,224 122,174 121,132 120,100 119,077 119,265 119,454 119,643 131,168 130,328 129,495 128,666 127,843 127,025 126,653 126,283 125,913 138,434 137,843 137,254 136,668 136,085 135,504 134,499 133,502 132,512 146,103 145,791 145,479 145,168 144,858 144,548 142,831 141,134 139,457 154,197 154,197 154,197 154,197 151,679 149,202 146,766 163,311 163,311 163,311 163,311 163,311 163,311 160,797 158,323 155,886 174,969 174,969 174,969 174,969 174,969 172,188 169,452 166,760 196,370 193,341 190,358 187,422 184,531 181,684 180,928 180,175 179,426 226,871 224,094 221,350 218,641 215,964 213,320 213,303 213,285 213,268		89,932 94,914 100,172 105,721	88,028 93,104 98,472 104,150	86,165 91,328 96,801 102,601	84,341 89,586 95,158 101,076	77,555 82,555 87,878 93,543 99,574	75,751 80,808 86,202 91,955 98,093	78,305 83,156 88,308 93,778 99,587	80,946 85,573 90,465 95,637 101,104	83,675 88,060 92,675 97,532 102,644
131,168 130,328 129,495 128,666 127,843 127,025 126,653 126,283 125,913 138,434 137,843 137,254 136,668 136,085 135,504 134,499 133,502 132,512 146,103 145,791 145,479 145,168 144,858 144,548 142,831 141,134 139,457 154,197 154,197 154,197 154,197 151,679 149,202 146,766 163,311 163,311 163,311 163,311 163,311 163,311 160,797 158,323 155,886 174,969 174,969 174,969 174,969 174,969 172,188 169,452 166,760 196,370 193,341 190,358 187,422 184,531 181,684 180,928 180,175 179,426	131,168 130,328 129,495 128,666 127,843 127,025 126,653 126,283 125,913 138,434 137,843 137,254 136,668 136,085 135,504 134,499 133,502 132,512 146,103 145,791 145,479 145,168 144,858 144,548 142,831 141,134 139,457 154,197 154,197 154,197 154,197 154,197 151,679 149,202 146,766 163,311 163,311 163,311 163,311 163,311 163,311 160,797 158,323 155,886 174,969 174,969 174,969 174,969 174,969 172,188 169,452 166,760 196,370 193,341 190,358 187,422 184,531 181,684 180,928 180,175 179,426 226,871 224,094 221,350 218,641 215,964 213,320 213,303 213,285 213,268		89,932 94,914 100,172 105,721 111,578	88,028 93,104 98,472 104,150 110,155	86,165 91,328 96,801 102,601 108,750	84,341 89,586 95,158 101,076 107,362	77,555 82,555 87,878 93,543 99,574 105,993	75,751 80,808 86,202 91,955 98,093 104,641	78,305 83,156 88,308 93,778 99,587 105,756	80,946 85,573 90,465 95,637 101,104 106,884	83,675 88,060 92,675 97,532 102,644 108,023
138,434 137,843 137,254 136,668 136,085 135,504 134,499 133,502 132,512 146,103 145,791 145,479 145,168 144,858 144,548 142,831 141,134 139,457 154,197 154,197 154,197 154,197 154,197 151,679 149,202 146,766 163,311 163,311 163,311 163,311 163,311 160,797 158,323 155,886 174,969 174,969 174,969 174,969 174,969 172,188 169,452 166,760 196,370 193,341 190,358 187,422 184,531 181,684 180,928 180,175 179,426	138,434 137,843 137,254 136,668 136,085 135,504 134,499 133,502 132,512 146,103 145,791 145,479 145,168 144,858 144,548 142,831 141,134 139,457 154,197 154,197 154,197 154,197 154,197 151,679 149,202 146,766 163,311 163,311 163,311 163,311 163,311 163,311 160,797 158,323 155,886 174,969 174,969 174,969 174,969 174,969 172,188 169,452 166,760 196,370 193,341 190,358 187,422 184,531 181,684 180,928 180,175 179,426 226,871 224,094 221,350 218,641 215,964 213,320 213,303 213,285 213,268		89,932 94,914 100,172 105,721 111,578 117,759	88,028 93,104 98,472 104,150 110,155 116,506	86,165 91,328 96,801 102,601 108,750 115,266	84,341 89,586 95,158 101,076 107,362 114,040	77,555 82,555 87,878 93,543 99,574 105,993 112,826	75,751 80,808 86,202 91,955 98,093 104,641 111,626	78,305 83,156 88,308 93,778 99,587 105,756 112,308	80,946 85,573 90,465 95,637 101,104 106,884 112,994	83,675 88,060 92,675 97,532 102,644 108,023 113,685
146,103 145,791 145,479 145,168 144,858 144,548 142,831 141,134 139,457 154,197 154,197 154,197 154,197 154,197 151,679 149,202 146,766 163,311 163,311 163,311 163,311 163,311 163,311 160,797 158,323 155,886 174,969 174,969 174,969 174,969 174,969 172,188 169,452 166,760 196,370 193,341 190,358 187,422 184,531 181,684 180,928 180,175 179,426	146,103 145,791 145,479 145,168 144,858 144,548 142,831 141,134 139,457 154,197 154,197 154,197 154,197 151,679 149,202 146,766 163,311 163,311 163,311 163,311 163,311 160,797 158,323 155,886 174,969 174,969 174,969 174,969 174,969 172,188 169,452 166,760 196,370 193,341 190,358 187,422 184,531 181,684 180,928 180,175 179,426 226,871 224,094 221,350 218,641 215,964 213,320 213,303 213,285 213,268		89,932 94,914 100,172 105,721 111,578 117,759 124,283	88,028 93,104 98,472 104,150 110,155 116,506 123,224	86,165 91,328 96,801 102,601 108,750 115,266 122,174	84,341 89,586 95,158 101,076 107,362 114,040 121,132	77,555 82,555 87,878 93,543 99,574 105,993 112,826 120,100	75,751 80,808 86,202 91,955 98,093 104,641 111,626 119,077	78,305 83,156 88,308 93,778 99,587 105,756 112,308 119,265	80,946 85,573 90,465 95,637 101,104 106,884 112,994 119,454	83,675 88,060 92,675 97,532 102,644 108,023 113,685 119,643
154,197 154,197 154,197 154,197 154,197 154,197 151,679 149,202 146,766 163,311 163,311 163,311 163,311 163,311 163,311 163,311 160,797 158,323 155,886 174,969 174,969 174,969 174,969 174,969 174,969 172,188 169,452 166,760 196,370 193,341 190,358 187,422 184,531 181,684 180,928 180,175 179,426	154,197 154,197 154,197 154,197 154,197 154,197 151,679 149,202 146,766 163,311 163,311 163,311 163,311 163,311 163,311 163,311 160,797 158,323 155,886 174,969 174,969 174,969 174,969 174,969 172,188 169,452 166,760 196,370 193,341 190,358 187,422 184,531 181,684 180,928 180,175 179,426 226,871 224,094 221,350 218,641 215,964 213,320 213,303 213,285 213,268		89,932 94,914 100,172 105,721 111,578 117,759 124,283 131,168	88,028 93,104 98,472 104,150 110,155 116,506 123,224 130,328	86,165 91,328 96,801 102,601 108,750 115,266 122,174 129,495	84,341 89,586 95,158 101,076 107,362 114,040 121,132 128,666	77,555 82,555 87,878 93,543 99,574 105,993 112,826 120,100 127,843	75,751 80,808 86,202 91,955 98,093 104,641 111,626 119,077 127,025	78,305 83,156 88,308 93,778 99,587 105,756 112,308 119,265 126,653	80,946 85,573 90,465 95,637 101,104 106,884 112,994 119,454 126,283	83,675 88,060 92,675 97,532 102,644 108,023 113,685 119,643 125,913
163,311 163,311 163,311 163,311 163,311 163,311 160,797 158,323 155,886 174,969 174,969 174,969 174,969 174,969 174,969 174,969 172,188 169,452 166,760 196,370 193,341 190,358 187,422 184,531 181,684 180,928 180,175 179,426	163,311 163,311 163,311 163,311 163,311 163,311 160,797 158,323 155,886 174,969 174,969 174,969 174,969 174,969 174,969 174,969 174,969 172,188 169,452 166,760 196,370 193,341 190,358 187,422 184,531 181,684 180,928 180,175 179,426 226,871 224,094 221,350 218,641 215,964 213,320 213,303 213,285 213,268		89,932 94,914 100,172 105,721 111,578 117,759 124,283 131,168 138,434	88,028 93,104 98,472 104,150 110,155 116,506 123,224 130,328 137,843	86,165 91,328 96,801 102,601 108,750 115,266 122,174 129,495 137,254	84,341 89,586 95,158 101,076 107,362 114,040 121,132 128,666 136,668	77,555 82,555 87,878 93,543 99,574 105,993 112,826 120,100 127,843 136,085	75,751 80,808 86,202 91,955 98,093 104,641 111,626 119,077 127,025 135,504	78,305 83,156 88,308 93,778 99,587 105,756 112,308 119,265 126,653 134,499	80,946 85,573 90,465 95,637 101,104 106,884 112,994 119,454 126,283 133,502	83,675 88,060 92,675 97,532 102,644 108,023 113,685 119,643 125,913 132,512
174,969 174,969 174,969 174,969 174,969 174,969 172,188 169,452 166,760 196,370 193,341 190,358 187,422 184,531 181,684 180,928 180,175 179,426	174,969 174,969 174,969 174,969 174,969 174,969 172,188 169,452 166,760 196,370 193,341 190,358 187,422 184,531 181,684 180,928 180,175 179,426 226,871 224,094 221,350 218,641 215,964 213,320 213,303 213,285 213,268		89,932 94,914 100,172 105,721 111,578 117,759 124,283 131,168 138,434 146,103	88,028 93,104 98,472 104,150 110,155 116,506 123,224 130,328 137,843 145,791	86,165 91,328 96,801 102,601 108,750 115,266 122,174 129,495 137,254 145,479	84,341 89,586 95,158 101,076 107,362 114,040 121,132 128,666 136,668 145,168	77,555 82,555 87,878 93,543 99,574 105,993 112,826 120,100 127,843 136,085 144,858	75,751 80,808 86,202 91,955 98,093 104,641 111,626 119,077 127,025 135,504 144,548	78,305 83,156 88,308 93,778 99,587 105,756 112,308 119,265 126,653 134,499 142,831	80,946 85,573 90,465 95,637 101,104 106,884 112,994 119,454 126,283 133,502 141,134	83,675 88,060 92,675 97,532 102,644 108,023 113,685 119,643 125,913 132,512 139,457
196,370 193,341 190,358 187,422 184,531 181,684 180,928 180,175 179,426	196,370 193,341 190,358 187,422 184,531 181,684 180,928 180,175 179,426 226,871 224,094 221,350 218,641 215,964 213,320 213,303 213,285 213,268		89,932 94,914 100,172 105,721 111,578 117,759 124,283 131,168 138,434 146,103 154,197	88,028 93,104 98,472 104,150 110,155 116,506 123,224 130,328 137,843 145,791 154,197	86,165 91,328 96,801 102,601 108,750 115,266 122,174 129,495 137,254 145,479 154,197	84,341 89,586 95,158 101,076 107,362 114,040 121,132 128,666 136,668 145,168 154,197	77,555 82,555 87,878 93,543 99,574 105,993 112,826 120,100 127,843 136,085 144,858 154,197	75,751 80,808 86,202 91,955 98,093 104,641 111,626 119,077 127,025 135,504 144,548 154,197	78,305 83,156 88,308 93,778 99,587 105,756 112,308 119,265 126,653 134,499 142,831 151,679	80,946 85,573 90,465 95,637 101,104 106,884 112,994 119,454 126,283 133,502 141,134 149,202	83,675 88,060 92,675 97,532 102,644 108,023 113,685 119,643 125,913 132,512 139,457 146,766
	226,871 224,094 221,350 218,641 215,964 213,320 213,303 213,285 213,268		89,932 94,914 100,172 105,721 111,578 117,759 124,283 131,168 138,434 146,103 154,197 163,311	88,028 93,104 98,472 104,150 110,155 116,506 123,224 130,328 137,843 145,791 154,197 163,311	86,165 91,328 96,801 102,601 108,750 115,266 122,174 129,495 137,254 145,479 154,197 163,311	84,341 89,586 95,158 101,076 107,362 114,040 121,132 128,666 136,668 145,168 154,197 163,311	77,555 82,555 87,878 93,543 99,574 105,993 112,826 120,100 127,843 136,085 144,858 154,197 163,311	75,751 80,808 86,202 91,955 98,093 104,641 111,626 119,077 127,025 135,504 144,548 154,197 163,311	78,305 83,156 88,308 93,778 99,587 105,756 112,308 119,265 126,653 134,499 142,831 151,679 160,797	80,946 85,573 90,465 95,637 101,104 106,884 112,994 119,454 126,283 133,502 141,134 149,202 158,323	83,675 88,060 92,675 97,532 102,644 108,023 113,685 119,643 125,913 132,512 139,457 146,766 155,886
226,871 224,094 221,350 218,641 215,964 213,320 213,303 213,285 213,268			89,932 94,914 100,172 105,721 111,578 117,759 124,283 131,168 138,434 146,103 154,197 163,311 174,969	88,028 93,104 98,472 104,150 110,155 116,506 123,224 130,328 137,843 145,791 154,197 163,311 174,969	86,165 91,328 96,801 102,601 108,750 115,266 122,174 129,495 137,254 145,479 154,197 163,311 174,969	84,341 89,586 95,158 101,076 107,362 114,040 121,132 128,666 136,668 145,168 154,197 163,311 174,969	77,555 82,555 87,878 93,543 99,574 105,993 112,826 120,100 127,843 136,085 144,858 154,197 163,311 174,969	75,751 80,808 86,202 91,955 98,093 104,641 111,626 119,077 127,025 135,504 144,548 154,197 163,311 174,969	78,305 83,156 88,308 93,778 99,587 105,756 112,308 119,265 126,653 134,499 142,831 151,679 160,797 172,188	80,946 85,573 90,465 95,637 101,104 106,884 112,994 119,454 126,283 133,502 141,134 149,202 158,323 169,452	83,675 88,060 92,675 97,532 102,644 108,023 113,685 119,643 125,913 132,512 139,457 146,766 155,886 166,760
	250,648 249,299 247,957 246,622 245,295 243,974 242,370 240,776 239,193		89,932 94,914 100,172 105,721 111,578 117,759 124,283 131,168 138,434 146,103 154,197 163,311 174,969 196,370	88,028 93,104 98,472 104,150 110,155 116,506 123,224 130,328 137,843 145,791 154,197 163,311 174,969 193,341	86,165 91,328 96,801 102,601 108,750 115,266 122,174 129,495 137,254 145,479 154,197 163,311 174,969 190,358	84,341 89,586 95,158 101,076 107,362 114,040 121,132 128,666 136,668 145,168 154,197 163,311 174,969 187,422	77,555 82,555 87,878 93,543 99,574 105,993 112,826 120,100 127,843 136,085 144,858 154,197 163,311 174,969 184,531	75,751 80,808 86,202 91,955 98,093 104,641 111,626 119,077 127,025 135,504 144,548 154,197 163,311 174,969 181,684	78,305 83,156 88,308 93,778 99,587 105,756 112,308 119,265 126,653 134,499 142,831 151,679 160,797 172,188 180,928	80,946 85,573 90,465 95,637 101,104 106,884 112,994 119,454 126,283 133,502 141,134 149,202 158,323 169,452 180,175	83,675 88,060 92,675 97,532 102,644 108,023 113,685 119,643 125,913 132,512 139,457 146,766 155,886 166,760 179,426
250,648 249,299 247,957 246,622 245,295 243,974 242,370 240,776 239,193			89,932 94,914 100,172 105,721 111,578 117,759 124,283 131,168 138,434 146,103 154,197 163,311 174,969 196,370 226,871	88,028 93,104 98,472 104,150 110,155 116,506 123,224 130,328 137,843 145,791 154,197 163,311 174,969 193,341 224,094	86,165 91,328 96,801 102,601 108,750 115,266 122,174 129,495 137,254 145,479 154,197 163,311 174,969 190,358 221,350	84,341 89,586 95,158 101,076 107,362 114,040 121,132 128,666 136,668 145,168 154,197 163,311 174,969 187,422 218,641	77,555 82,555 87,878 93,543 99,574 105,993 112,826 120,100 127,843 136,085 144,858 154,197 163,311 174,969 184,531 215,964	75,751 80,808 86,202 91,955 98,093 104,641 111,626 119,077 127,025 135,504 144,548 154,197 163,311 174,969 181,684 213,320	78,305 83,156 88,308 93,778 99,587 105,756 112,308 119,265 126,653 134,499 142,831 151,679 160,797 172,188 180,928 213,303	80,946 85,573 90,465 95,637 101,104 106,884 112,994 119,454 126,283 133,502 141,134 149,202 158,323 169,452 180,175 213,285	83,675 88,060 92,675 97,532 102,644 108,023 113,685 119,643 125,913 132,512 139,457 146,766 155,886 166,760 179,426 213,268

1				040.054	0.45 500	are end	ove and	244.051
260,000	257,450	254,926	252,426	249,951	247,500	246,614	245,731	244,851
303,200	302,638	302,077	301,517	300,958	300,400	297,505	294,637	291,798
320,000	321,800	323,609	325,429	327,260	329,100	326,189	323,304	320,444
336,700	338,677	340,665	342,665	344,677	346,700	344,595	342,502	340,422
395,800	397,917	400,046	402,186	404,337	406,500	405,959	405,418	404,878
436,100	437,925	439,757	441,597	443,445	445,300	446,375	447,452	448,532
533,400	535,759	538,129	540,508	542,899	545,300	548,561	551,841	555,141
622,700	620,809	618,923	617,043	615,169	613,300	619,897	626,564	633,303
709,500	704,942	700,413	695,913	691,442	687,000	696,380	705,889	715,527
912,500	910,128	907,762	905,402	903,048	900,700	915,224	929,982	944,978
1,191,000	1,183,157	1,175,366	1,167,627	1,159,938	1,152,300	1,163,673	1,175,159	1,186,758
1,456,000	1,445,407	1,434,891	1,424,452	1,414,088	1,403,800	1,409,415	1,415,052	1,420,712
1,469,900	1,450,874	1,432,094	1,413,557	1,395,260	1,377,200	1,379,294	1,381,390	1,383,490
1,648,200	1,625,863	1,603,828	1,582,092	1,560,651	1,539,500	1,536,549	1,533,603	1,530,663
1,759,400	1,744,345	1,729,418	1,714,619	1,699,947	1,685,400	1,673,040	1,660,771	1,648,591
1,862,500	1,845,139	1,827,941	1,810,902	1,794,022	1,777,300	1,766,633	1,756,029	1,745,490
1,935,200	1,919,983	1,904,885	1,889,906	1,875,044	1,860,300	1,843,375	1,826,604	1,809,985
2,172,600	2,150,849	2,129,315	2,107,998	2,086,893	2,066,000	2,058,912	2,051,847	2,044,807
2,166,300	2,149,605	2,133,038	2,116,599	2,100,287	2,084,100	2,069,435	2,054,873	2,040,414
2,239,900	2,229,198	2,218,548	2,207,948	2,197,399	2,186,900	2,171,854	2,156,912	2,142,073
2,306,100	2,296,439	2,286,819	2,277,239	2,267,700	2,258,200	2,245,805	2,233,477	2,221,218
2,460,900		2,434,569	2,421,509	2,408,520	2,395,600	2,386,511	2,377,457	2,368,437
2,543,100		2,528,598	2,521,378	2,514,179	2,507,000	2,493,291	2,479,657	2,466,097
2,607,200		2,605,960	2,605,340	2,604,720	2,604,100	2,603,520	2,602,940	2,602,360
2,665,000		2,657,946	2,654,426	2,650,911	2,647,400	2,647,960	2,648,520	2,649,080
2,797,900		2,780,418	2,771,718	2,763,046	2,754,400	2,760,751	2,767,116	2,773,496
2,963,600	AND THE PROPERTY OF THE	2,961,199	The second second second second	2,958,799	2,957,600	2,953,750	2,949,905	2,946,065
3,142,200	The second secon	3,128,153	3,121,153	3,114,169	3,107,200	3,106,019	3,104,839	3,103,659
3,316,400	the second second second	3,319,797	3,321,497	3,323,198	3,324,900	3,310,394	3,295,951	3,281,572
3,573,900		3,547,150	3,533,850	3,520,600	3,507,400	3,496,614	3,485,861	3,475,141
3,651,200	The second secon	3,636,274	3,628,834	3,621,410	3,614,000	3,598,732	3,583,528	3,568,388
3,683,400	The second second second	3,690,909		The second of the second	3,702,200	The second secon	3,674,646	3,660,947
3,003,400	3,007,132	3,020,202	5,054,005	3,090,452	3,702,200	5,000,557	2,07-1,040	2,000,247
41	42	43	44	45	46	47	48	49
86,496	89,412	89,412	89,412	89,412	89,412	89,412	84,564	79,979
		93,253		93,253	93,253	93,253	88,645	84,265
90,619						9 7,25 9		88,780
94,939		97,259						
99,465	the same of the sa		The second secon					
104,207	A STATE OF THE PARTY OF THE PAR			The second second	and the second second			
109,175	The state of the s	Annual Control of the	The second second second second	100000000000000000000000000000000000000		The state of the s		
114,380						T 100 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2.1	100000000000000000000000000000000000000
119,832		1 1 Ca /					and the second second second	And the second second
125,545								
131,530	The state of the latest and the state of the	To be a second of the second						
137,800		and the second second second second						100
144,369		ALC: NO PERSON NAMED IN COLUMN	The state of the s	1 - 7 /			A STATE OF THE PARTY OF THE PAR	
153,487			The state of the s	111777	The state of the s	200000	14124111	Comment of the commen
164,110		1000		The state of the s	The second secon			The second secon
178,679						100		
213,251							T	
237,620				17.4				
243,974								
288,985	286,200	286,200	286,200	286,200	286,200	286,200	286,738	287,277
		The state of the s	The state of the s	S. March Company	14	E 20 9	The state of the s	1000

317,609 338,355	314,800	314,800	314,800	314,800	314,800	314,800	316,502	318,212
	336,300	336,300	336,300	336,300	336,300	336,300	337,747	339,201
404,339	403,800	403,800	403,800	403,800	403,800	403,800	404,239	404,679
449,615	450,700	450,700	450,700	450,700	450,700	450,700	451,874	453,051
558,461	561,800	561,800	561,800	561,800	561,800	561,800	560,857	559,915
640,115	647,000	647,000	647,000	647,000	647,000	647,000	643,380	639,780
725,297	735,200	735,200	735,200	735,200	735,200	735,200	732,155	729,122
	975,700	977,751	979,807	981,867	983,931	986,000	981,173	976,370
960,216		1,224,465	1,238,795	1,253,293	1,267,961	1,282,800	1,270,735	1,258,784
1,198,471	1,210,300	1,455,765	1,479,821	1,504,274	1,529,132	1,554,400	1,542,994	1,531,671
1,426,395	1,432,100		1,479,621	1,438,620	1,456,005	1,473,600	1,472,719	1,471,838
1,385,594	1,387,700	1,404,470		1,581,695	1,601,128	1,620,800	1,626,776	1,632,774
1,527,729	1,524,800	1,543,534	1,562,498	1,688,581	1,710,498	1,732,700	1,745,956	1,759,313
1,636,501	1,624,500	1,645,585	1,666,945	TOTAL CAR	1,789,498	1,806,100	1,819,810	1,739,515
1,735,013	1,724,600	1,740,600	1,756,749	1,773,048	1,816,930	1,800,100	1,852,290	1,833,023
1,793,518	1,777,200	1,787,050	1,796,955	1,806,915	THE RESERVE AND ADDRESS OF THE PARTY OF THE		2,050,621	2,079,236
2,037,792	2,030,800	2,029,117	2,027,436	2,025,756	2,024,077	2,022,400	2,039,707	2,079,230
2,026,057	2,011,800	2,012,440	2,013,079	2,013,719	2,014,360	2,015,000		
2,127,336	2,112,700	2,105,815	2,098,953	2,092,113	2,085,295	2,078,500	2,095,848	2,113,341
2,209,025	2,196,900	2,190,058	2,183,236	2,176,436	2,169,658	2,162,900	2,178,416	2,194,043
2,359,452	2,350,500	The second secon	2,342,359	2,338,299	2,334,246	2,330,200	2,338,225	2,346,277
2,452,612		2,434,925	2,430,658	2,426,398	2,422,145	2,417,900	2,421,231	2,424,566
2,601,780	2,601,200	2,586,679	2,572,239	2,557,879	2,543,600	2,529,400	2,528,660	2,527,919
2,649,640	2,650,200	2,643,547	2,636,910	2,630,290	2,623,687	2,617,100	2,612,907	2,608,720
2,779,891	2,786,300	2,778,456	2,770,634	2,762,834	2,755,056	2,747,300	2,736,536	2,725,814
2,942,230	2,938,400	2,936,979	2,935,558	2,934,138	2,932,719	2,931,300	2,914,447	2,897,692
3,102,479	3,101,300	the state of the s	3,108,368	3,111,908	3,115,452	3,119,000	3,103,711	3,088,497
3,267,255	CONTRACTOR SOURCE CONTRACTOR	NAMES OF TAXABLE PARTY OF TAXABLE PARTY.	3,268,068	3,275,628	3,283,205	3,290,800	3,269,999	3,249,329
3,464,454	3,453,800	The state of the s	3,443,055	3,437,695	3,432,343	3,427,000	3,411,989	3,397,044
3,553,312	3,538,300	CARL CASE CONTRACTOR AND ADDRESS.	3,529,524	3,525,144	3,520,769	3,516,400		3,485,963
3,647,298	3,633,700	3,615,580	3,597,551	3,579,611	3,561,761	3,544,000	3,531,512	3,519,069
50								
50		~ 0	52	F A	<i>ee</i> 1	50	57	50
77 640	51	52	53	54	55	56	57	58
75,643	71,542	67,663	67,663	67,663	67,663	67,663	67,663	58,970
80,101	71,542 76,143	67,663 72,380	67,663 72 ,380	67,663 72,380	67,663 72,380	67,663 72,380	67,663 72,380	58,970 63,874
80,101 84,821	71,542 76,143 81,040	67,663 72,380 77,427	67,663 72,380 77,427	67,663 72,380 77,427	67,663 72,380 77,427	67,663 72,380 77,427	67,663 72,380 77,427	58,970 63,874 69,187
80,101 84,821 89,820	71,542 76,143 81,040 86,252	67,663 72,380 77,427 82,825	67,663 72,380 77,427 82,825	67,663 72,380 77,427 82,825	67,663 72,380 77,427 82,825	67,663 72,380 77,427 82,825	67,663 72,380 77,427 82,825	58,970 63,874 69,187 74,942
80,101 84,821 89,820 95,114	71,542 76,143 81,040 86,252 91,799	67,663 72,380 77,427 82,825 88,599	67,663 72,380 77,427 82,825 88,599	67,663 72,380 77,427 82,825 88,599	67,663 72,380 77,427 82,825 88,599	67,663 72,380 77,427 82,825 88,599	67,663 72,380 77,427 82,825 88,599	58,970 63,874 69,187 74,942 81,176
80,101 84,821 89,820 95,114 100,719	71,542 76,143 81,040 86,252 91,799 97,703	67,663 72,380 77,427 82,825 88,599 94,777	67,663 72,380 77,427 82,825 88,599 94,777	67,663 72,380 77,427 82,825 88,599 94,777	67,663 72,380 77,427 82,825 88,599 94,777	67,663 72,380 77,427 82,825 88,599 94,777	67,663 72,380 77,427 82,825 88,599 94,777	58,970 63,874 69,187 74,942 81,176 87,928
80,101 84,821 89,820 95,114 100,719 106,655	71,542 76,143 81,040 86,252 91,799 97,703 103,986	67,663 72,380 77,427 82,825 88,599 94,777 101,385	67,663 72,380 77,427 82,825 88,599 94,777 101,385	67,663 72,380 77,427 82,825 88,599 94,777 101,385	67,663 72,380 77,427 82,825 88,599 94,777 101,385	67,663 72,380 77,427 82,825 88,599 94,777 101,385	67,663 72,380 77,427 82,825 88,599 94,777 101,385	58,970 63,874 69,187 74,942 81,176 87,928 95,242
80,101 84,821 89,820 95,114 100,719 106,655 112,941	71,542 76,143 81,040 86,252 91,799 97,703 103,986 110,674	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453	58,970 63,874 69,187 74,942 81,176 87,928 95,242 103,164
80,101 84,821 89,820 95,114 100,719 106,655 112,941 119,597	71,542 76,143 81,040 86,252 91,799 97,703 103,986 110,674 117,792	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015	58,970 63,874 69,187 74,942 81,176 87,928 95,242 103,164 111,744
80,101 84,821 89,820 95,114 100,719 106,655 112,941 119,597 126,645	71,542 76,143 81,040 86,252 91,799 97,703 103,986 110,674 117,792 125,368	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104	58,970 63,874 69,187 74,942 81,176 87,928 95,242 103,164 111,744 121,039
80,101 84,821 89,820 95,114 100,719 106,655 112,941 119,597 126,645 134,109	71,542 76,143 81,040 86,252 91,799 97,703 103,986 110,674 117,792 125,368 133,431	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756	58,970 63,874 69,187 74,942 81,176 87,928 95,242 103,164 111,744 121,039 131,107
80,101 84,821 89,820 95,114 100,719 106,655 112,941 119,597 126,645 134,109 142,012	71,542 76,143 81,040 86,252 91,799 97,703 103,986 110,674 117,792 125,368 133,431 142,012	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012	58,970 63,874 69,187 74,942 81,176 87,928 95,242 103,164 111,744 121,039 131,107 142,012
80,101 84,821 89,820 95,114 100,719 106,655 112,941 119,597 126,645 134,109 142,012 151,125	71,542 76,143 81,040 86,252 91,799 97,703 103,986 110,674 117,792 125,368 133,431 142,012 151,125	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125	58,970 63,874 69,187 74,942 81,176 87,928 95,242 103,164 111,744 121,039 131,107 142,012 151,125
80,101 84,821 89,820 95,114 100,719 106,655 112,941 119,597 126,645 134,109 142,012 151,125 161,502	71,542 76,143 81,040 86,252 91,799 97,703 103,986 110,674 117,792 125,368 133,431 142,012 151,125 161,502	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502	58,970 63,874 69,187 74,942 81,176 87,928 95,242 103,164 111,744 121,039 131,107 142,012 151,125 161,502
80,101 84,821 89,820 95,114 100,719 106,655 112,941 119,597 126,645 134,109 142,012 151,125 161,502 178,782	71,542 76,143 81,040 86,252 91,799 97,703 103,986 110,674 117,792 125,368 133,431 142,012 151,125 161,502 179,065	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349	58,970 63,874 69,187 74,942 81,176 87,928 95,242 103,164 111,744 121,039 131,107 142,012 151,125 161,502 171,970
80,101 84,821 89,820 95,114 100,719 106,655 112,941 119,597 126,645 134,109 142,012 151,125 161,502 178,782 215,521	71,542 76,143 81,040 86,252 91,799 97,703 103,986 110,674 117,792 125,368 133,431 142,012 151,125 161,502 179,065 216,288	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349 217,059	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349 217,059	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349 217,059	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349 217,059	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349 217,059	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349 217,059	58,970 63,874 69,187 74,942 81,176 87,928 95,242 103,164 111,744 121,039 131,107 142,012 151,125 161,502 171,970 206,825
80,101 84,821 89,820 95,114 100,719 106,655 112,941 119,597 126,645 134,109 142,012 151,125 161,502 178,782 215,521 239,375	71,542 76,143 81,040 86,252 91,799 97,703 103,986 110,674 117,792 125,368 133,431 142,012 151,125 161,502 179,065 216,288 240,491	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349 217,059 241,613	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349 217,059 241,613	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349 217,059 241,613	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349 217,059 241,613	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349 217,059 241,613	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349 217,059 241,613	58,970 63,874 69,187 74,942 81,176 87,928 95,242 103,164 111,744 121,039 131,107 142,012 151,125 161,502 171,970 206,825 232,593
80,101 84,821 89,820 95,114 100,719 106,655 112,941 119,597 126,645 134,109 142,012 151,125 161,502 178,782 215,521 239,375 241,657	71,542 76,143 81,040 86,252 91,799 97,703 103,986 110,674 117,792 125,368 133,431 142,012 151,125 161,502 179,065 216,288 240,491 241,178	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349 217,059 241,613 240,700	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349 217,059 241,613 240,700	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349 217,059 241,613 240,700	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349 217,059 241,613 240,700	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349 217,059 241,613 240,700	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349 217,059 241,613 240,700	58,970 63,874 69,187 74,942 81,176 87,928 95,242 103,164 111,744 121,039 131,107 142,012 151,125 161,502 171,970 206,825 232,593 234,109
80,101 84,821 89,820 95,114 100,719 106,655 112,941 119,597 126,645 134,109 142,012 151,125 161,502 178,782 215,521 239,375 241,657 287,817	71,542 76,143 81,040 86,252 91,799 97,703 103,986 110,674 117,792 125,368 133,431 142,012 151,125 161,502 179,065 216,288 240,491 241,178 288,358	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349 217,059 241,613 240,700 288,900	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349 217,059 241,613 240,700 288,900	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349 217,059 241,613 240,700 288,900	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349 217,059 241,613 240,700 288,900	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349 217,059 241,613 240,700 288,900	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349 217,059 241,613 240,700 288,900	58,970 63,874 69,187 74,942 81,176 87,928 95,242 103,164 111,744 121,039 131,107 142,012 151,125 161,502 171,970 206,825 232,593 234,109 278,590
80,101 84,821 89,820 95,114 100,719 106,655 112,941 119,597 126,645 134,109 142,012 151,125 161,502 178,782 215,521 239,375 241,657	71,542 76,143 81,040 86,252 91,799 97,703 103,986 110,674 117,792 125,368 133,431 142,012 151,125 161,502 179,065 216,288 240,491 241,178 288,358 321,661	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349 217,059 241,613 240,700 288,900 323,400	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349 217,059 241,613 240,700 288,900 323,400	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349 217,059 241,613 240,700 288,900 323,400	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349 217,059 241,613 240,700 288,900 323,400	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349 217,059 241,613 240,700 288,900 323,400	67,663 72,380 77,427 82,825 88,599 94,777 101,385 108,453 116,015 124,104 132,756 142,012 151,125 161,502 179,349 217,059 241,613 240,700 288,900 323,400	58,970 63,874 69,187 74,942 81,176 87,928 95,242 103,164 111,744 121,039 131,107 142,012 151,125 161,502 171,970 206,825 232,593 234,109 278,590 310,889

					25		22	2
405,119	405,559	406,000	406,000	406,000	406,000	406,000	406,000	393,810
454,231	455,414	456,600	456,600	456,600	456,600	456,600	456,600	445,669
558,975	558,037	557,100	557,100	557,100	557,100	557,100	557,100	542,249
636,200	632,640	629,100	629,100	629,100	629,100	629,100	629,100	609,700
726,102	723,095	720,100	720,100	720,100	720,100	720,100	720,100	703,360
971,590	966,833	962,100	953,984	945,937	937,957	930,045	922,200	899,996
1,246,945	1,235,217	1,223,600	1,204,876	1,186,438	1,168,282	1,150,404	1,132,800	1,114,220
1,520,432	1,509,275	1,498,200	1,472,621	1,447,479	1,422,767	1,398,476	1,374,600	1,338,826
1,470,958	1,470,079	1,469,200	1,454,613	1,440,171	1,425,873	1,411,716	1,397,700	1,368,048
1,638,793	1,644,836	1,650,900	1,630,628	1,610,605	1,590,828	1,571,294	1,552,000	1,535,326
1,772,772	1,786,334	1,800,000	1,776,283	1,752,879	1,729,783	1,706,991	1,684,500	1,665,433
1,847,544	1,861,569	1,875,700	1,851,735	1,828,077	1,804,721	1,781,663	1,758,900	1,739,998
1,903,925	1,930,280	1,957,000	1,939,531	1,922,218	1,905,059	1,888,054	1,871,200	1,841,449
2,108,251	2,137,670	2,167,500	2,158,017	2,148,576	2,139,176	2,129,818	2,120,500	2,083,233
2,090,032	2,115,659	2,141,600	2,135,161	2,128,742	2,122,342	2,115,962	2,109,600	2,073,163
2,130,980	2,148,766	2,166,700	2,173,517	2,180,355	2,187,215	2,194,097	2,201,000	2,163,054
2,209,782	2,225,634	2,241,600	2,249,997	2,258,425	2,266,885	2,275,377	2,283,900	2,243,302
2,354,357	2,362,464	2,370,600	2,391,469	2,412,522	2,433,761	2,455,186	2,476,800	2,428,340
2,427,906	2,431,251	2,434,600	2,457,871	2,481,364	2,505,082	2,529,027	2,553,200	2,510,345
2,527,179	2,526,440	2,525,700	2,546,359	2,567,187	2,588,186	2,609,356	2,630,700	2,608,012
2,604,540	2,600,367	2,596,200	2,609,444	2,622,756	2,636,136	2,649,583	2,663,100	2,642,298
2,715,134	2,704,496	2,693,900	2,696,236	2,698,574	2,700,914	2,703,256	2,705,600	2,689,878
2,881,032	2,864,468	2,848,000	2,838,294	2,828,621	2,818,981	2,809,374	2,799,800	2,798,359
3,073,357	3,058,292	3,043,300	3,022,580	3,002,001	2,981,562	2,961,262	2,941,100	2,929,915
3,228,790	3,208,380	3,188,100	3,155,813	3,123,852	3,092,215	3,060,899	3,029,900	2,984,457
3,382,164	3,367,350	3,352,600	3,320,740	3,289,183	3,257,926	3,226,966	3,196,300	
3,470,843	3,455,789	3,440,800	3,412,271	3,383,978	3,355,920	3,328,095	3,300,500	3,240,842
3,506,669	3,494,313	3,482,000	3,446,920	3,412,194	3,377,817	3,343,787	3,310,100	3,238,422

	59	60	61	62	63	64
ſ	51,393	44,790	39,036	34,021	29,650	25,841
1	56,368	49,744	43,899	38,740	34,188	30,170
1	61,825	55,246	49,367	44,114	39,420	35,225
1	67,810	61,356	55,517	50,233	45,453	41,127
1	74,374	68,143	62,433	57,202	52,409	48,018
1	81,574	75,679	70,210	65,137	60,430	56,063
1	89,471	84,049	78,957	74,172	69,678	65,456
1	98,132	93,345	88,792	84,462	80,342	76,423
1	107,631	103,669	99,853	96,178	92,638	89,228
1	118,050	115,135	112,292	109,520	106,815	104,178
1	129,478	127,870	126,281	124,712		121,633
1	142,012	142,012	142,012	142,012		142,012
	151,125	151,125	151,125	151,125		151,125
1	161,502	161,502	161,502	161,502		161,502
1	164,895	158,111	151,606	145,368		The same of the sa
1	197,075	187,783	178,930	170,494	The second second second second	154,797
1	223,909	215,550	207,502	199,755		185,119
1	227,698	221,463	215,398	209,500		198,183
1	268,648	259,060	249,815	200000000000000000000000000000000000000	The second secon	224,013
1	298,861		276,185	265,500		245,355
1	320,576		299,095	288,900		269,541
1	381,985	370,516	359,391	0 0		
I	435,000	424,586	414,421	404,500	394,816	385,364

527,794	513,724	500,030	486,700	473,726	461,097
590,898	572,676	555,016	537,900	521,312	505,236
687,008	671,037	655,437	640,200	625,317	610,780
878,327	857,180	836,541	816,400	796,744	777,560
1,095,946	1,077,971	1,060,290	1,042,900	1,025,795	1,008,970
1,303,983	1,270,046	1,236,993	1,204,800	1,173,445	1,142,906
1,339,026	1,310,619	1,282,814	1,255,600	1,228,963	1,202,891
1,518,830	1,502,512	1,486,369	1,470,400	1,454,602	1,438,974
1,646,582	1,627,945	1,609,518	1,591,300	1,573,288	1,555,480
1,721,299	1,702,801	1,684,502	1,666,400	1,648,492	1,630,777
1,812,171	1,783,358	1,755,004	1,727,100	1,699,640	1,672,617
2,046,621	2,010,652	1,975,316	1,940,600	1,906,495	1,872,989
2,037,355	2,002,166	1,967,584	1,933,600	1,900,203	1,867,382
2,125,762	2,089,113	2,053,096	2,017,700	1,982,914	1,948,728
2,203,426	2,164,258	2,125,787	2,088,000	2,050,884	2,014,429
2,380,829	2,334,247	2,288,577	2,243,800	2,199,899	2,156,857
2,468,210	2,426,782	2,386,049	2,346,000	2,306,623	2,267,907
2,585,520	2,563,221	2,541,115	2,519,200	2,497,474	2,475,935
2,621,658	2,601,179	2,580,860	2,560,700	2,540,697	2,520,851
2,674,248	2,658,709	2,643,259	2,627,900	2,612,630	2,597,448
2,796,918		2,794,039	2,792,600	2,791,162	2,789,725
2,918,773		2,896,616	2,885,600	2,874,626	2,863,694
2,939,696	A STATE OF THE PARTY OF THE PAR	2,852,177	2,809,400	2,767,264	2,725,760
3,091,581	3,040,515	2,990,293	2,940,900	2,892,323	2,844,549
3,182,262	3,124,741	3,068,260	3,012,800	2,958,342	2,904,869
3,168,297	3,099,689	3,032,568	2,966,900	2,902,654	2,839,799

Table C-23: Gross Domestic Product, 1947 to 1996 (¥ thousand million)

	Year	GNE	Year	GDP
1	1947	1,309.0	1970	73,344.9
	1948	2,666.0	1971	80,701.3
	1949	3,375.0	1972	92,394.4
	1950	3,947.0	1973	112,498.1
	1951	5,444.0	1974	134,243.8
	1952	6,261.0	1975	148,327.1
1	1953	7,059.0	1976	166,573.3
	1954	7,829.0	1977	185,622.0
	1955	8,399.1	1978	204,404.1
	1956	9,446.7	1979	221,546.6
	1957	10,874.3	1980	240,175.9
	1958	11,545.4	1981	257,962.9
	1959	13,188.6	1982	270,600.7
	1960	15,998.0	1983	281,767.1
	1961	19,306.4	1984	300,543.0
V	1962	21,900.8	1985	320,418.7
	1963	25,054.7	1986	335,457.2
	1964	29,446.0	1987	349,759.6
	1965	32,772.8	1988	373,973.2
	1966	38,073.2	1989	399,998.3
	1967	44,626.1	1	430,039.8
	1968	52,825.1	1991	458,299.1
	1969	62,065.7	1992	471,020.7

1970	73,188.5	1993	475,381.1
		1994	479,260.1
		1995	483,220.2
		1996	499,861.0

Note: From 1946 to 1951, figures are estimates for the financial year (1st April~31st March). Sources: Somucho Tokei Kyoku (the Statistics Bureau, Management and Coordination Agency), (1987), Nihon Chokitokei Soran (Historical Statistics of Japan), Nihon Tokei Kyokai (Japan Statistical Association), Vol. 3, pp. 350, 352, and 353.

Keizai Kikaku Cho (the Economic Planning Agency), (1988), Kokumin Keizai Keisan Chokisokyu Keka Hokoku (Long-Term Retroactive Report on National Accounts), pp. 190-193.

Keizai Kikaku Cho (the Economic Planning Agency), (Kokumin Keizai Keisan Nenpo (Annual Report on National Accounts), Various Years.

Table C-24: Official Interest Rate (in per cent per annum)

End of year	Discount rate on economical bills
	(Bank of Japan)
1947	3.65
1948	5.11
1949	5.11
1950	5.11
1951	5.84
1952	5.84
1953	5.84
1954	5.84
1955	7.30
1956	7.30
1957	8.40
1958	7.30
1959	7.30
1960	6.94
1961	7.30
1962	6.57
1963	5.84
1964	6.57
1965	5.48
1966	5.48
1967	5.84
1968	5.84
1969	6.25
1970	6.00
1971	4.75
1972	4.25
1973	9.00
1974	9.00
1975	6.50
1976	6.50
19 77	4.25
1978	3.50
1979	6.25
1980	7.25
1981	5.50
1982	5.50

1983	5.00
1984	5.00
1985	5.00
1986	3.00
1987	2.50
1988	2.50
1989	4.25
1990	6.00
1991	4.50
1992	3.25
1993	1.75
1994	1.75
1995	0.50

Various Years.

Sources: Somucho Tokei Kyoku (the Statistics Bureau, Management and Coordination Agency), (1987), Nihon Chokitokei Soran (Historical Statistics of Japan), Nihon Tokei Kyokai (Japan Statistical Association), Vol. 3, p. 161.

Nihonginko Tokei Kyoku (Research and Statistics Department, The Bank of Japan), Keizaitokei Nenpo (Economic Statistics Annual),

Table C-25: Value of Male Human Capital by Age Group (¥ million)

Table C-25	: value of r	viale Humai	i Capitai o	Age Grou	h (4 mmnor	1)	
Year	15	16	17	18	19	20	21
1947	1,956,370	2,010,937	2,001,673	2,023,751	2,016,838	2,078,489	2,032,632
1948	2,077,365	2,124,627	2,151,995	2,186,751	2,188,282	2,219,031	2,187,359
1949	2,198,665	2,237,158	2,305,517	2,354,376	2,365,547	2,360,184	2,344,936
1950	2,331,843	2,361,212	2,476,512	2,542,171	2,565,086	2,518,469	2,522,223
1951	2,485,610	2,465,961	2,617,198	2,713,876	2,756,354	2,711,997	2,709,388
1952	2,603,948	2,531,311	2,718,903	2,848,570	2,913,159	2,873,646	2,865,409
1953	2,741,476	2,611,266	2,838,513	3,004,687	3,094,030	3,059,894	3,045,303
1954	2,872,207	2,680,111	2,947,876	3,152,297	3,268,028	3,239,946	3,218,137
1955	3,012,931	2,754,817	3,066,580	3,313,295	3,458,742	3,437,880	3,408,239
1956	3,079,468	3,004,579	3,277,872	3,533,837	3,665,067	3,600,153	3,501,361
1957	3,154,066	3,282,864	3,509,057	3,773,896	3,887,889	3,773,524	3,599,873
1958	3,211,503	3,565,981	3,734,738	4,006,995	4,100,578	3,932,655	3,680,116
1959	3,192,307	3,775,879	3,869,063	4,135,347	4,198,321	3,974,076	3,643,573
1960	3,405,359	4,295,962	4,311,494	4,594,674	4,630,077	4,326,170	3,886,306
1961	4,015,830	4,960,299	4,991,812	5,223,686	4,817,370	4,632,111	4,435,162
1962	4,836,193	5,853,498	5,911,125	6,078,094	5,132,581	5,080,685	5,185,752
1963	5,720,273	6,786,490	6,880,622	6,957,233	5,385,342	5,496,291	5,989,650
1964	6,722,928	7,806,644	7,935,588	7,880,590	5,585,609	5,872,272	6,824,619
1965	8,110,121	9,223,302	9,408,150	9,186,186	5,970,222	6,476,840	8,043,023
1966	8,309,046	9,252,178	9,554,309	9,517,278	6,851,576	7,466,989	9,084,661
1967	8,426,228	9,214,823	9,657,136	9,831,257	7,847,234	8,590,921	10,243,054
1968	9,532,420	10,211,180	10,836,040	11,253,970	9,947,337	10,933,055	12,769,516
1969	10,256,166	10,765,689	11,571,352	12,261,654	12,001,371	13,239,929	15,143,946
1970	11,549,362	11,878,560	12,932,875	13,986,733	15,166,973	16,807,244	18,835,826
1971	12,989,774	13,421,713	14,361,292	15,271,417	16,526,279	18,182,220	19,956,813
1972	14,520,139	15,071,698	15,847,305	16,566,279	17,886,093	19,530,001	20,990,846
1973	17,230,200	17,964,322	18,562,428	19,080,925	20,563,374	22,300,531	23,489,684
1974	21,107,246	22,096,830	22,432,268	22,670,991	24,387,550	26,272,211	
1975	23,252,421	24,453,914	24,398,001	24,247,227	26,035,743	27,857,287	28,186,880
1976	26,666,929	27,597,002	27,574,315	27,434,662	29,120,172	30,925,291	31,458,178

1977 29,618,073 30,140,703 30,145,004 30,018,249 31,498,407 33,216,387 33,994,778 1980 34,302,898 33,739,063 33,777,644 33,645,407 34,432,854 35,708,011 36,907,328 1980 34,524,356 33,311,677 33,312,727 33,180,121 33,552,408 34,561,415 35,955,956 1981 39,991,978 39,991,978 39,9076,181 39,916,13 39,412,825 39,888,87 39,287,664 39,412,825 39,880,690 36,709,423 41,149,020 41,359,962 1983 41,433,508 41,265,669 41,445,521 42,00,849 31,707,890 43,898,555 42,842,812 43,220,646 43,498,312 43,740,367 44,861,900 37,645,253 45,897,808 44,541,972 46,789,116 48,937,899 49,984,685 51,168,710 44,791,402 51,642,568 50,065,835 52,660,901 53,932,15 49,722,288 38,959,959 52,703,663 1987 46,789,116 48,937,899 49,984,685 51,168,710 44,791,402 51,642,568 50,065,835 50,656,801 53,226,014 88,937,959 59,233,950 52,230,853 53,251,349,240 53,885,90 57,216,915 54,782,836 57,319,915 56,538,870 1991 54,768,688 59,415,339 62,403,683 64,165,721 66,280,765 67,808,465 69,524,286 1994 55,840,679 59,603,234 63,485,299 65,198,900 70,914,168 74,430,764 78,601,233 1995 53,488,410 56,857,471 60,938,202 64,503,643 69,910,140 74,4376,899 77,72,877 22,956,532 2,216,657 52,183,644 2,248,779 2,217,803 3,308,803 3,569,601 3,308,404 64,605,118 65,209,699 65,841,458 1995 53,488,410 56,857,471 60,938,202 64,503,643 69,910,140 74,4376,899 74,4376,									**
1979	1	1977	29,618,073	30,140,703	30,145,004	30,018,249	31,498,407	33,216,387	33,994,578
1980 34,524,356 33,311,677 33,321,272 33,180,121 33,552,468 34,561,415 35,955,956 1981 39,991,978 39,076,181 39,193,615 39,342,413 37,962,771 40,738,247 41,670,7013 39,838,287 39,287,664 39,412,826 39,840,690 36,709,423 41,149,020 41,359,962 1984 41,343,508 41,656,669 41,445,521 42,200,849 37,107,890 43,380,855 42,842,889,891 44,541,972 44,541,972 44,619,073 44,794,074 44,619,003 47,542,2397 38,066,038 48,390,465 46,165,288 47,594,638 48,253,117 49,618,694 41,543,543 50,304,139 48,370,769 1986 46,165,288 47,594,638 48,253,117 49,618,694 41,543,543 50,304,139 48,370,769 1988 48,116,545 51,066,834 52,566,091 53,593,215 49,072,288 53,895,995 52,703,576 1990 53,226,014 58,055,686 60,593,302 61,190,588 61,239,127 60,998,229 60,649,992 1991 54,768,689 59,415,339 62,403,683 64,165,721 66,280,765 67,808,465 69,524,286 1994 55,840,679 59,603,234 63,485,299 66,519,806 70,914,168 74,403,764 78,601,233 1995 53,488,410 56,857,471 60,938,202 64,503,643 69,910,146 74,376,895 79,772,877 22 23 24 25 26 27 28 29 1,223,169 1,728,165 1,551,852 1,477,091 1,421,071 1,516,082 1,323,002 1,368,363 3,207,404 2,724,772 2,296,523 2,216,657 2,213,664 2,483,112 2,317,733 2,117,003 1,903,120 1,786,010 1,717,257 2,513,070 2,513,664 2,483,112 2,317,733 2,117,003 1,903,120 1,786,010 1,717,257 2,513,070 2,513,664 2,483,112 2,317,733 2,117,003 1,603,644 3,367,138 1,783,308,30 3,569,761 3,569,516 3,472,328 3,463,470 3,460,65 3,385,295 3,509,516 3,472,328 3,463,470 3,460,65 3,385,295 3,595,596 3,595,516 3,472,328 3,463,470 3,460,65 3,472,329 3,333,488 4,203,404 4,114,403 4,114,403 4,114,403 4,114,403 4,114,403 4,114,403 4,114,403 4,114,403 4,114,403 4,114,403 4,114,403 4,114,403 4,114,403 4,114,403 4,114,403 4,	1	1978	31,805,978	31,843,876	31,882,204	31,764,292	32,921,031	34,422,846	35,403,569
1981 39,991,978 39,076,181 39,193,615 39,342,413 37,962,771 40,738,247 41,607,013 1983 41,433,508 41,265,669 41,445,521 42,200,849 37,107,890 43,380,855 42,842,888 1984 43,220,646 43,498,312 43,740,367 44,861,900 37,645,253 45,897,808 44,541,972 1986 46,165,288 47,594,638 48,253,117 49,618,694 41,543,543 50,304,139 48,370,769 1986 46,789,116 48,937,899 49,984,685 51,168,710 44,791,462 51,642,568 50,065,463 1988 48,116,545 51,066,834 52,566,091 35,393,215 40,772,288 38,959,959 57,035,768 1989 50,569,855 54,402,240 56,388,506 57,216,915 54,782,836 57,319,915 56,384,87 1990 53,226,14 58,055,686 60,593,302 61,190,588 61,239,127 60,998,289 60,649,991 1991 54,768,688 59,415,339 62,330,853 63,534,014 64,605,118 65,209,699 65,841,458 1992 54,961,631 59,233,950 62,403,683 64,165,721 66,280,765 76,808,465 69,524,286 1993 57,591,666 61,888,274 60,998,202 64,503,643 69,910,144 74,376,895 79,772,877 22 23 24 25 26 27 28 29 1,923,166 1,728,165 1,751,862 1,477,091 1,421,071 1,516,082 1,363,093 1,478,172 2,296,523 2,216,657 2,121,368 1,993,192 1,882,508 1,763,309 1,615,322 1,591,513 2,213,076 2,513,664 2,483,112 2,317,733 2,117,003 1,903,120 1,768,010 1,717,257 2,296,523 2,216,657 2,121,368 1,993,192 1,882,508 1,763,309 1,615,322 1,591,513 3,307,644 3,336,713 3,328,141 3,210,623 3,146,498 3,063,106 2,987,116 2,925,842 3,503,830 3,569,761 3,569,516 3,772,389 3,644,649 3,646,613 3,926,203 3,882,316 3,954,264 4,131,832 4,988,556 4,762,289 3,644,649 3,646,613 3,926,203 3,882,316 4,771,720 3,938,997 3,948,558 1,997,170 1,719,004 1,625,442 1,637,914 1,646,605 1,647,294 1,646,605,118 1,646,605,118 1,646,605,118 1,646,605,118 1,646,605,118 1,646,605,118 1,646,605,118	١	1979	34,302,898	33,739,063	33,777,644	33,645,407	34,432,854	35,708,011	36,907,328
1982 39,888,287 39,287,664 39,412,826 39,840,660 36,709,422 41,149,020 41,359,965 1984 41,433,508 41,435,6669 41,445,521 42,200,849 37,107,890 43,380,855 42,842,888 1985 44,950,793 45,714,006 46,022,010 47,542,397 38,065,038 48,390,465 46,131,940 1986 46,789,116 48,937,899 49,984,685 51,168,710 44,791,462 51,642,568 50,065,463 1988 48,116,545 51,066,834 52,566,091 53,593,215 49,072,288 53,895,599 52,703,576 1990 53,226,014 58,055,686 60,593,302 61,190,588 61,239,127 60,998,289 60,649,992 1991 54,768,689 59,415,339 62,330,863 63,134,414 64,605,118 65,209,699 65,841,458 1993 57,591,664 61,888,274 65,596,640 68,130,784 71,506,700 74,069,634 77,041,508 1994 55,840,679 59,603,234 63,485,299 64,519,800 70,914,168 74,430,689 79,772,877 22 23 24 25 26 27 28 29 1,923,166 1,728,165 1,551,852 1,477,091 1,421,071 1,516,082 1,323,021 1,368,363 2,105,577 1,960,929 1,817,790 1,719,004 1,625,442 1,637,914 1,464,389 1,478,172 2,296,523 2,216,657 2,121,368 1,993,192 1,852,566 3,105,397 3,125,566 3,109,549 2,974,635 2,863,871 2,732,595 2,638,996 2,572,615 3,307,644 3,336,713 3,328,141 3,210,623 3,146,498 3,663,106 3,962,203 3,882,410 3,593,830 3,782,296 3,549,840 3,363,830 3,569,761 3,569,560 4,717,723 3,942,44 4,010,717 3,933,896 3,904,345 3,948,641 3,665,699 3,562,500 3,882,410 3,957,965 4,176,329 4,228,867 4,165,117 4,121,071 1,516,082 3,333,348 3,661,539 3,569,560 3,562,500 3,882,410 3,503,830 3,667,660 3,957,660 3,472,329 3,484,401 3,4	١	1980	34,524,356	33,311,677	33,321,272	33,180,121		34,561,415	35,955,956
1983	1	1981	39,991,978	39,076,181	39,193,615	39,342,413	37,962,771	40,738,247	41,607,013
1984 43,220,646 43,498,312 43,740,367 44,861,900 37,645,253 45,897,808 44,541,972 1986 46,165,288 47,594,688 48,253,171 49,618,694 41,543,543 50,304,139 48,370,769 1988 48,116,545 51,066,834 52,566,091 53,226,014 53,055,685 60,593,302 61,190,588 61,239,127 60,998,289 60,649,992 1991 54,768,689 59,415,339 62,330,853 63,530,141 64,605,118 65,209,699 60,649,992 1992 54,961,631 59,233,950 62,403,683 63,254,014 64,605,118 65,209,699 60,649,992 1993 57,591,664 61,858,274 60,938,202 64,503,643 69,910,146 74,376,895 79,772,877 1995 53,488,410 56,857,471 60,938,202 64,503,643 69,910,146 74,376,895 79,772,877 22 23 24 25 26 27 28 29 1,923,169 1,728,165 1,551,852 1,477,091 1,421,071 1,516,082 1,323,021 1,368,363 2,216,657 2,121,368 1,993,192 2,196,620 2,118,790 1,825,542 1,637,914 1,464,389 1,478,173 2,217,944 2,724,772 2,697,076 2,794,635 2,317,333 2,117,003 1,353,393 3,569,761 3,569,516 3,307,644 3,336,713 3,288,856 2,740,450 2,592,014 2,424,177 2,218,581 3,230,284 4,205,840 3,365,713 3,589,516 3,109,549 2,974,635 2,868,803 2,711,138 2,888,856 2,740,450 2,592,014 2,424,177 2,318,581 2,249,676 3,307,644 3,336,713 3,589,516 3,472,328 3,463,770 3,440,065 3,387,291 3,333,348 3,569,766 4,176,328 4,208,867 4,176,328 4,208,867 4,176,328 4,208,867 4,176,328 4,208,867 4,176,328 4,208,867 4,176,328 4,208,867 4,165,112 4,123,449 4,208,409 4,205,104 4,168,309 4,207,809 3,882,216 4,267,883 4,268,630 4,278,330 3,589,595 4,555,883 6,993,910 4,293,400 4,205,104 4,168,309 4,267,800 4,267,8	١	1982	39,858,287	39,287,664	39,412,826	39,840,690	36,709,423	41,149,020	41,359,962
1985	١	1983	41,433,508	41,265,669	41,445,521	42,200,849	37,107,890	43,380,855	42,842,888
1986	١	1984	43,220,646	43,498,312	43,740,367	44,861,900	37,645,253	45,897,808	44,541,972
1987	١	1985	44,950,793	45,714,006		47,542,397	38,066,038	48,390,465	46,131,940
1988	١	1986		47,594,638	48,253,117	49,618,694	41,543,543		
1989	١	1987	46,789,116	48,937,899	49,984,685			550 (6	50,065,463
1990	1	1988	48,116,545	51,066,834	52,566,091	53,593,215	49,072,288	53,895,959	52,703,576
1991	١	1989	50,569,855	54,402,240	56,385,506	57,216,915	54,782,836	57,319,915	56,538,487
1992	1	1990	53,226,014	58,055,686	60,593,302	61,190,588	61,239,127	60,998,289	60,649,992
1993	1	1991	54,768,689	59,415,339	62,330,853		64,605,118	65,209,699	65,841,458
1994	١	1992		,	62,403,683	64,165,721	66,280,765	67,808,465	69,524,286
1995 53,488,410 56,857,471 60,938,202 64,503,643 69,910,146 74,376,895 79,772,877	١	1993	57,591,664	61,858,274	65,596,460	68,130,784	71,506,700	74,069,634	77,041,508
22 23 24 25 26 27 28 29 1,923,169 1,728,165 1,551,852 1,477,091 1,421,071 1,516,082 1,323,021 1,368,363 2,105,577 1,960,929 1,817,790 1,719,004 1,625,442 1,637,914 1,464,389 1,478,172 2,296,523 2,216,657 2,121,368 1,993,192 1,852,508 1,763,309 1,615,321 1,591,513 2,513,070 2,513,664 2,483,112 2,317,733 2,117,003 1,903,120 1,786,010 1,717,257 2,719,444 2,724,772 2,697,076 2,537,215 2,357,649 2,161,347 2,047,361 1,977,302 2,898,903 2,911,138 2,888,856 2,740,450 2,592,014 2,424,177 2,461,53 3,307,644 3,336,713 3,328,141 3,210,623 3,464,688 3,063,106 2,987,116 2,925,842 3,569,516 3,472,328 3,463,770 3,440,065 3,387,291 3,333,488 3,671,861 3,753,398 3,782,399 3,684,469	1	1994	55,840,679	59,603,234	63,485,299	66,519,806	70,914,168	74,430,764	78,601,233
1,923,169 1,728,165 1,551,852 1,477,091 1,421,071 1,516,082 1,323,021 1,368,363 2,105,577 1,960,929 1,817,790 1,719,004 1,625,442 1,637,914 1,464,389 1,478,172 2,296,523 2,216,657 2,121,368 1,993,192 1,852,508 1,763,309 1,615,321 1,591,513 2,513,070 2,513,664 2,483,112 2,317,733 2,117,003 1,903,120 1,786,010 1,717,502 2,719,444 2,724,772 2,697,076 2,537,215 2,357,649 2,161,347 2,047,361 1,977,302 2,898,903 2,911,138 2,888,856 2,740,450 2,592,014 2,424,177 2,318,581 2,249,676 3,307,644 3,336,713 3,328,141 3,210,623 3,146,498 3,063,106 2,987,116 2,925,462 3,503,830 3,569,761 3,569,516 3,472,328 3,461,498 3,645,649 3,594,240 4,131,832 4,228,867 4,165,112 4,123,449 4,040,065 3,882,316 3,954,24	1	1995	53,488,410	56,857,471	60,938,202	64,503,643	69,910,146	74,376,895	79,772,877
1,923,169 1,728,165 1,551,852 1,477,091 1,421,071 1,516,082 1,323,021 1,368,363 2,105,577 1,960,929 1,817,790 1,719,004 1,625,442 1,637,914 1,464,389 1,478,172 2,296,523 2,216,657 2,121,368 1,993,192 1,852,508 1,763,309 1,615,321 1,591,513 2,513,070 2,513,664 2,483,112 2,317,733 2,117,003 1,903,120 1,786,010 1,717,502 2,719,444 2,724,772 2,697,076 2,537,215 2,357,649 2,161,347 2,047,361 1,977,302 2,898,903 2,911,138 2,888,856 2,740,450 2,592,014 2,424,177 2,318,581 2,249,676 3,307,644 3,336,713 3,328,141 3,210,623 3,146,498 3,063,106 2,987,116 2,925,462 3,503,830 3,569,761 3,569,516 3,472,328 3,461,498 3,645,649 3,594,240 4,131,832 4,228,867 4,165,112 4,123,449 4,040,065 3,882,316 3,954,24	-								
2,105,577 1,960,929 1,817,790 1,719,004 1,625,442 1,637,914 1,464,389 1,478,172 2,296,523 2,216,657 2,121,368 1,993,192 1,852,508 1,763,309 1,615,321 1,591,513 2,513,070 2,513,664 2,483,112 2,317,733 2,117,003 1,903,120 1,779,6010 1,777,302 2,898,903 2,911,138 2,888,856 2,740,450 2,592,014 2,424,177 2,318,581 2,249,676 3,105,397 3,125,566 3,109,549 2,974,635 2,863,871 2,732,595 2,638,996 2,572,615 3,507,644 3,336,713 3,281,411 3,210,623 3,463,770 3,440,065 3,782,399 3,694,680 3,676,262 3,684,415 3,645,649 3,597,291 3,333,348 3,782,399 3,694,680 3,694,480 3,043,445 3,948,661 3,926,203 3,882,316 3,954,240 4,131,832 4,228,867 4,165,112 4,123,449 4,208,409 4,205,104 4,168,309 3,957,965 4,763,288 4,564,561	1	22	23	24	25	26	27	28	29
2,105,577 1,960,929 1,817,790 1,719,004 1,625,442 1,637,914 1,464,389 1,478,172 2,296,523 2,216,657 2,121,368 1,993,192 1,852,508 1,763,309 1,615,321 1,591,513 2,513,070 2,513,664 2,483,112 2,317,733 2,117,003 1,903,120 1,779,6010 1,777,302 2,898,903 2,911,138 2,888,856 2,740,450 2,592,014 2,424,177 2,318,581 2,249,676 3,105,397 3,125,566 3,109,549 2,974,635 2,863,871 2,732,595 2,638,996 2,572,615 3,507,644 3,336,713 3,281,411 3,210,623 3,463,770 3,440,065 3,782,399 3,694,680 3,676,262 3,684,415 3,645,649 3,597,291 3,333,348 3,782,399 3,694,680 3,694,480 3,043,445 3,948,661 3,926,203 3,882,316 3,954,240 4,131,832 4,228,867 4,165,112 4,123,449 4,208,409 4,205,104 4,168,309 3,957,965 4,763,288 4,564,561	1	1,923,169	1,728,165	1,551,852	1,477,091	1,421,071	1,516,082	1,323,021	1,368,363
2,296,523 2,216,657 2,121,368 1,993,192 1,852,508 1,763,309 1,615,321 1,591,513 2,513,070 2,513,664 2,483,112 2,317,733 2,117,003 1,903,120 1,786,010 1,717,257 2,719,444 2,724,772 2,697,076 2,537,215 2,357,649 2,161,347 2,047,361 1,977,302 2,898,903 2,911,138 2,888,856 2,740,450 2,259,014 2,424,177 2,318,581 2,249,676 3,105,397 3,125,566 3,109,549 2,974,635 2,863,871 2,732,595 2,638,996 2,572,615 3,307,644 3,336,713 3,328,141 3,210,623 3,146,498 3,063,106 2,987,116 2,925,842 3,671,861 3,753,398 3,782,399 3,694,680 3,674,649 3,394,244 4,010,717 3,933,896 3,694,680 3,645,649 3,996,250 3,882,316 3,954,240 4,131,832 4,228,867 4,165,112 4,123,449 4,208,409 4,205,104 4,168,309 4,771,720 5,068,79	1		AN ADMINISTRATION	3.95000000			1,637,914	1,464,389	The second second second
2,513,070 2,513,664 2,483,112 2,317,733 2,117,003 1,903,120 1,786,010 1,717,257 2,719,444 2,724,772 2,697,076 2,537,215 2,357,649 2,161,347 2,047,361 1,977,302 2,898,903 2,911,138 2,888,856 2,740,450 2,592,014 2,424,177 2,318,581 2,249,676 3,105,397 3,125,566 3,109,549 2,974,635 2,863,871 2,732,595 2,638,996 2,572,615 3,307,644 3,336,713 3,281,41 3,210,623 3,146,498 3,063,106 2,987,116 2,925,842 3,530,830 3,569,761 3,569,516 3,472,328 3,463,770 3,440,065 3,387,291 3,333,348 3,671,861 3,753,398 3,782,399 3,694,680 3,676,262 3,684,415 3,645,649 3,596,250 3,821,272 3,949,244 4,010,717 3,933,896 3,904,345 3,948,661 3,926,203 3,882,316 4,267,888 4,546,561 4,714,503 4,671,571 4,592,478 4,765,191	1			2000000			The State of Cal (SAC) 4	CONTRACTOR CONTRACTOR	
2,719,444 2,724,772 2,697,076 2,537,215 2,357,649 2,161,347 2,047,361 1,977,302 2,898,903 2,911,138 2,888,856 2,740,450 2,592,014 2,424,177 2,318,581 2,249,676 3,105,397 3,125,566 3,109,549 2,974,635 2,863,871 2,732,595 2,638,996 2,572,615 3,500,830 3,3569,761 3,569,516 3,472,328 3,463,770 3,440,065 3,387,291 3,333,48 3,671,861 3,753,398 3,782,399 3,694,680 3,676,262 3,684,415 3,645,649 3,595,250 3,821,272 3,949,244 4,010,717 3,933,896 3,904,345 3,948,661 3,926,203 3,882,316 3,957,965 4,176,328 4,302,841 4,251,173 4,194,216 4,316,409 4,311,882 4,228,867 4,165,112 4,192,449 4,208,409 4,205,104 4,168,309 4,267,888 4,546,561 4,714,503 4,671,571 4,592,478 4,765,191 4,802,109 4,777,233 5,247,105	1				= 77,834				1.00000
2,898,903 2,911,138 2,888,856 2,740,450 2,592,014 2,424,177 2,318,581 2,249,676 3,105,397 3,125,566 3,109,549 2,974,635 2,863,871 2,732,595 2,638,996 2,572,615 3,307,644 3,336,713 3,282,314 3,210,623 3,146,498 3,063,106 2,987,116 2,925,842 3,508,80 3,569,516 3,472,328 3,463,770 3,440,065 3,387,291 3,333,348 3,671,861 3,753,398 3,782,399 3,694,680 3,676,262 3,684,661 3,926,203 3,882,316 3,954,240 4,131,832 4,228,867 4,165,112 4,123,449 4,208,409 4,205,104 4,168,309 3,957,965 4,176,328 4,302,841 4,251,173 4,194,216 4,316,409 4,331,585 4,301,651 4,267,888 4,546,561 4,714,503 4,671,571 4,592,478 4,765,191 4,802,109 4,777,233 5,465,031 5,785,321 5,916,620 5,712,122 5,380,4041 5,699,067 5,833,38			700000	100			51.775		1
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15,363,011 15,137,440 10,669,649 11,202,088 12,943,240 13,040,678 13,629,622 13,603,481 19,201,590 18,605,758 11,997,170 12,973,604 15,997,275 15,789,649 16,472,294 16,327,195 20,592,849 20,355,925 14,555,187 15,771,743 19,035,372 18,855,891 19,351,620 17,518,045 21,926,229 22,119,528 17,545,823 19,058,701 22,524,279 22,401,515 22,626,619 18,714,575 24,859,923 25,618,441 22,566,054 24,598,074 28,499,777 28,494,374 28,364,375 21,463,215 29,087,738 30,623,200 29,953,498 32,759,928 37,197,701 37,367,204 36,630,696 25,340,552 30,630,286 32,950,310 35,793,716 39,280,910 43,710,599 44,114,676 42,579,844 26,927,236 33,527,519 35,402,619 38,287,626 41,673,356 45,432,104 46,419,672 45,661,379 32,057,744 35,575,483 36,937,849 39,843,209 43,090,725 46,111,439 47,788,689 47,999,851 37,494,129				and the second of the					
19,201,590 18,605,758 11,997,170 12,973,604 15,997,275 15,789,649 16,472,294 16,327,195 20,592,849 20,355,925 14,555,187 15,771,743 19,035,372 18,855,891 19,351,620 17,518,045 21,926,229 22,119,528 17,545,823 19,058,701 22,524,279 22,401,515 22,626,619 18,714,575 24,859,923 25,618,441 22,566,054 24,598,074 28,499,777 28,494,374 28,364,375 21,463,215 29,087,738 30,623,200 29,953,498 32,759,928 37,197,701 37,367,204 36,630,696 25,340,552 30,630,286 32,950,310 35,793,716 39,280,910 43,710,599 44,114,676 42,579,844 26,927,236 33,527,519 35,402,619 38,287,626 41,673,356 45,432,104 46,419,672 45,661,379 32,057,744 35,575,483 36,937,849 39,843,209 43,090,725 46,111,439 47,788,689 47,999,851 37,494,129									
20,592,849 20,355,925 14,555,187 15,771,743 19,035,372 18,855,891 19,351,620 17,518,045 21,926,229 22,119,528 17,545,823 19,058,701 22,524,279 22,401,515 22,626,619 18,714,575 24,859,923 25,618,441 22,566,054 24,598,074 28,499,777 28,494,374 28,364,375 21,463,215 29,087,738 30,623,200 29,953,498 32,759,928 37,197,701 37,367,204 36,630,696 25,340,552 30,630,286 32,950,310 35,793,716 39,280,910 43,710,599 44,114,676 42,579,844 26,927,236 33,527,519 35,402,619 38,287,626 41,673,356 45,432,104 46,419,672 45,661,379 32,057,744 35,575,483 36,937,849 39,843,209 43,090,725 46,111,439 47,788,689 47,999,851 37,494,129						52 34	N (50)	6) //50	
21,926,229 22,119,528 17,545,823 19,058,701 22,524,279 22,401,515 22,626,619 18,714,575 24,859,923 25,618,441 22,566,054 24,598,074 28,499,777 28,494,374 28,364,375 21,463,215 29,087,738 30,623,200 29,953,498 32,759,928 37,197,701 37,367,204 36,630,696 25,340,552 30,630,286 32,950,310 35,793,716 39,280,910 43,710,599 44,114,676 42,579,844 26,927,236 33,527,519 35,402,619 38,287,626 41,673,356 45,432,104 46,419,672 45,661,379 32,057,744 35,575,483 36,937,849 39,843,209 43,090,725 46,111,439 47,788,689 47,999,851 37,494,129		1 2	2 00 0		III (2)	1277	20 (20)		
24,859,923 25,618,441 22,566,054 24,598,074 28,499,777 28,494,374 28,364,375 21,463,215 29,087,738 30,623,200 29,953,498 32,759,928 37,197,701 37,367,204 36,630,696 25,340,552 30,630,286 32,950,310 35,793,716 39,280,910 43,710,599 44,114,676 42,579,844 26,927,236 33,527,519 35,402,619 38,287,626 41,673,356 45,432,104 46,419,672 45,661,379 32,057,744 35,575,483 36,937,849 39,843,209 43,090,725 46,111,439 47,788,689 47,999,851 37,494,129		and the second second second second			11 700				
29,087,738 30,623,200 29,953,498 32,759,928 37,197,701 37,367,204 36,630,696 25,340,552 30,630,286 32,950,310 35,793,716 39,280,910 43,710,599 44,114,676 42,579,844 26,927,236 33,527,519 35,402,619 38,287,626 41,673,356 45,432,104 46,419,672 45,661,379 32,057,744 35,575,483 36,937,849 39,843,209 43,090,725 46,111,439 47,788,689 47,999,851 37,494,129		ALL THE STREET, STREET	and the state of t	A CONTRACTOR AND A STREET OF THE PARTY OF TH	The state of the s		Company and a second second second	Carlot Systems and Commission of the Party	THE PARTY OF THE P
30,630,286 32,950,310 35,793,716 39,280,910 43,710,599 44,114,676 42,579,844 26,927,236 33,527,519 35,402,619 38,287,626 41,673,356 45,432,104 46,419,672 45,661,379 32,057,744 35,575,483 36,937,849 39,843,209 43,090,725 46,111,439 47,788,689 47,999,851 37,494,129				100000000000000000000000000000000000000					
33,527,519 35,402,619 38,287,626 41,673,356 45,432,104 46,419,672 45,661,379 32,057,744 35,575,483 36,937,849 39,843,209 43,090,725 46,111,439 47,788,689 47,999,851 37,494,129		THE RESIDENCE OF THE PARTY OF T							
35,575,483 36,937,849 39,843,209 43,090,725 46,111,439 47,788,689 47,999,851 37,494,129									
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1	37,173,424	37,276,237	39,956,027	42,626,149	43,915,915	46,802,486	49,002,523	47,368,586
1	35,582,556	35,114,951	37,575,719	39,872,919	40,368,283	43,693,447	46,778,926	50,376,709
1	41,174,191	40,575,046	42,839,572	45,096,661	45,813,840	48,663,682	51,209,128	54,976,012
1	41,020,625	40,445,588	42,211,792	44,157,649	45,083,470	47,058,028	48,724,199	52,192,808
1	42,515,811	41,870,922	43,129,492	44,773,245	45,885,943	47,022,394	47,875,991	51,150,150
1	44,236,545	43,531,100	44,270,968	45,623,513	46,951,305	47,252,399	47,323,298	50,444,567
1	45,833,854	45,044,921	45,208,136	46,228,893	47,750,582	47,175,863	46,454,461	49,381,247
1	48,096,303	47,596,367	45,568,124	48,582,549	49,345,279	48,780,231	47,986,777	50,357,851
1	49,799,183	49,603,748	45,288,126	50,329,810	50,259,689	49,708,440	48,849,048	50,604,076
1	52,465,272	52,620,934	45,828,069	53,097,265	52,135,160	51,587,432	50,636,370	51,775,972
1	56,324,598	56,876,262	47,247,783	57,071,310	55,100,901	54,552,619	53,492,322	53,995,270
1	60,431,136	61,408,847	48,632,285	61,206,190	58,066,590	57,477,836	56,255,903	56,009,916
1	66,059,907	66,874,033	55,392,221	66,423,833	63,651,596	63,079,940	62,164,333	59,097,268
١	70,219,250	70,771,652	61,273,655	69,961,632	67,666,893	67,081,302	66,499,124	60,302,691
1	78,255,801	78,455,548	70,933,066	77,037,194	75,122,292	74,408,673	74,105,666	64,013,172
1	80,369,072	80,229,889	75,830,235	78,428,120	77,206,524	76,517,156	76,681,427	63,200,146
	82,134,482	81,667,519	80,716,866	79,521,624	79,045,340	78,397,410	79,063,557	62,180,525
	30	31	32	33	34	35	36	37
	1,400,060	1,436,148	1,392,193	1,429,955	1,375,299	1,348,488	1,349,374	1,320,948
1	1,533,817	1,474,789	1,463,229	1,497,194	1,472,302	1,439,805	1,449,915	1,408,972
	1,675,011	1,509,872	1,533,473	1,563,382	1,572,236	1,533,848	1,554,846	1,500,308
	1,832,786	1,548,472	1,609,483	1,634,487	1,680,510	1,635,029	1,667,803	1,597,366
	2,054,763	1,758,733	1,770,690	1,768,349	1,788,127	1,769,016	1,734,044	1,684,059
	2,276,500	1,974,243	1,925,656	1,891,560	1,881,541	1,893,128	1,783,542	1,756,514
	2,535,149	2,227,698	2,105,227	2,034,180	1,990,595	2,037,152	1,844,794	1,842,637
	2,807,942	2,500,299	2,289,465	2,176,273	2,095,326	2,181,304	1,898,969	1,923,959
	3,115,239	2,810,657	2,493,493	2,331,477	2,208,335	2,338,300	1,956,686	2,010,580
	3,384,980	3,111,513	2,819,188	2,656,136	2,532,086	2,610,715	2,212,041	2,202,930
	3,680,353	1-10 C. T.	3,189,352	3,027,818	2,905,025	2,916,588	2,502,189	2,415,093
ij	3,979,929	3,797,607	3,589,156	3,433,650	3,315,949	3,242,060	2,816,612	2,635,133
	4,134,471	4,017,395	3,876,052	3,734,997	3,628,982	3,453,900	3,037,481	2,753,615
	4,621,346	4,571,999	4,502,153		4,269,376	3,954,393	3,519,295	3,090,495
	5,086,028	5,014,205	4,972,992		4,739,061	4,416,235	4,003,438	3,584,035
Ì	5,672,088		5,539,374		5,274,547	4,930,460	4,538,580	4,128,691
Ì	6,395,995		6,289,269	6,179,501	6,040,752	5,694,817	5,354,735	4,982,240
	6,967,480	and the second s	6,857,238	1,000	6,600,888	6,253,613	5,983,441	5,670,625
þ	8,062,114		7,994,938		7,762,864	7,412,381	7,236,156	7,002,258
	8,702,272	CONTRACTOR OF STREET	8,552,867	8,560,543	8,433,363	8,064,117	7,840,457	7,644,936
	9,396,599		9,146,568		9,154,701	8,766,726	8,491,015	8,346,341
	11,217,242		10,812,827	TOTAL CONTRACTOR OF THE PARTY O	10,984,563	10,534,792	10,165,384	10,074,676
	12,706,236	and the second s	12,118,633		12,479,779	11,979,977	11,510,872	11,497,159
	15,100,076		14,269,438		14,923,990	14,349,123	13,734,805	13,828,107
	16,707,571	15,632,910	16,511,321	(90)	17,117,027	16,270,178	15,262,254	15,526,973
	18,413,935		19,046,095		19,586,090	18,410,906	16,929,821	17,408,018
	21,814,008				24,191,529	22,518,603	20,331,431	21,169,910
	26,585,239 29,161,825		30,218,692 34,744,368	and the second of the second of the	30,662,681 35,038,999	28,227,721	24,978,989	26,276,048
	34,673,700	41,430,428	40,489,765			31,935,100	27,737,039	29,531,029
	40,600,730				36,550,887	34,293,165	31,751,593	33,028,377
	45,743,100	52,541,521	51,904,504		38,037,348 38,067,412	36,871,984	36,529,251	37,267,407
	51,392,957	52,541,521 57,857,848			37,941,957	38,123,345 39,240,840	40,413,738	40,441,673
	54,784,745				36,065,922	38,568,212	44,492,073 46,829,792	43,650,285 45,100,778
	24,704,742	00,550,423	UU,403,9US	37,022,309	50,005,922	30,300,214	40,029,194	45,100,778

59,382,531	64,304,065	65,091,990	63,465,102	44,036,542	47,102,991	55,960,309	54,127,827
56,036,552	59,499,013	61,038,779	60,700,932	46,851,475	50,114,961	58,233,320	56,538,347
54,576,609	56,825,190	59,103,210	59,992,812	51,564,374	55,239,364	62,902,104	61,450,861
53,509,672	54,655,742	57,659,228	59,767,093	57,228,483	61,420,349	68,557,547	67,404,485
52,045,840	52,115,239	55,721,051	58,928,068	62,795,247	67,441,201	73,692,768	72,808,175
52,694,686	53,035,520	55,713,072	57,992,535	61,666,949	65,795,666	70,540,156	70,633,171
52,568,844	53,175,578	54,877,662	56,217,944	59,647,507	63,220,035	66,499,185	67,484,175
53,392,042	54,277,191	55,027,555	55,478,631	58,738,451	61,857,318	63,858,166	65,707,885
55,280,007	56,483,264	56,261,252	55,829,004	58,986,402	61,718,667	62,526,745	65,224,128
56,881,890	58,366,964	57,070,413	55,691,646	58,659,490	60,910,003	60,474,165	63,850,967
62,588,755	63,164,355	61,850,928	60,327,513	62,771,775	64,856,303	64,740,946	67,260,653
66,532,429	65,966,199	64,615,382	62,919,321	64,591,633	66,311,444	66,447,938	67,809,270
73,465,461	71,445,038	69,878,750	67,796,810	68,532,878	69,776,572	70,059,286	70,100,670
75,576,641	72,217,916	70,660,682	68,438,079	68,240,502	69,010,702	69,518,009	68,272,746
77,485,949	72,760,958	71,227,873	68,880,673	67,762,680	68,084,509	68,834,085	66,379,042
38	39	40	41	42	43	44	45
1,294,113	1,235,511	1,214,961	1,064,723	1,049,264	993,554	1,002,902	961,355
1,384,914	1,321,026	1,293,939	1,175,438	1,142,688	1,089,059	1,037,349	1,008,315
1,480,052		1,376,890	1,296,812	1,243,759	1,193,142	1,072,480	1,057,126
1,580,858		1,463,418	1,428,744	1,351,783	1,305,305	1,107,264	1,106,817
1,672,206	(5) 52	1,565,608	1,537,098	1,454,328	1,405,976	1,218,403	1,207,621
1,750,038		1,657,376	1,636,343	1,548,269	1,498,668	1,326,912	1,304,164
1,842,290		1,765,262	1,752,804	1,658,611	1,607,551	1,454,269	1,417,449
1,930,667		1,872,188	1,869,763	1,769,567	1,717,384	1,587,492	1,534,513
2,024,677				1,888,739	1,835,575	1,733,815	1,662,199
2,181,440	2,180,946	2,141,259		1,983,514	1,936,093	1,849,868	1,771,065
2,351,714		2,309,437	2,142,431	2,084,426	2,043,567	1,975,195	1,888,614
2,523,618		2,479,962		2,181,282	2,148,065	2,100,389	2,005,855
2,592,777		2,547,507		2,180,757	2,155,271	2,129,919	2,029,322
2,860,176	(A)	2,808,145		2,338,443	2,318,982	2,315,652	2,200,605
3,338,836			ALCOHOL: THE PARTY OF THE PARTY	2,616,751	2,549,365	2,497,416	2,413,431
3,858,405				2,848,762	2,711,030	2,588,473	2,524,763
4,704,856				3,394,846	3,193,922	3,013,113	3,013,091
5,386,623			V. W. C.	3,723,626	3,443,699	3,189,246	3,245,549
6,705,302	The second second			4,460,098		3,683,666	
7,346,453		6,488,641		5,091,829	4,665,191	4,281,622	4,308,608
8,054,505	72 57 11			5,814,023		4,963,902	4,847,872
9,765,908			h (40) (6)	7,356,216	6,838,446	6,388,386	6,061,596
11,190,341	50,000			8,786,870	8,231,187	7,761,354	7,154,626
13,512,861	1000 march 1 (200 march	The second second second second	2077	11,066,097	10,449,331	9,948,632	8,913,468
15,306,092		Commence of the Control of the Contr	111	12,724,525	12,055,562	11,471,809	10,345,464
17,313,995		16,001,655		14,602,918		13,187,060	11,961,823
21,291,599		Service Control	7. 700	18,436,550	17,637,438	16,806,612	15,383,047
26,643,531				23,368,078		21,348,358	
30,259,200	C 0	28,935,187		27,050,453		24,782,850	22,980,199
33,699,213	VA			28,958,522	28,065,883	26,820,491	24,846,440
38,012,829	Committee and the second	34,751,355		31,817,386	31,127,440	29,949,927	27,792,933
41,246,491	and the second second second			33,676,368		32,255,849	30,004,553
44,490,892		The state of the s		35,326,684	35,219,897	34,358,715	31,999,482
46,000,276		39,802,600	***************************************	35,716,675	35,981,247	35,377,099	33,036,234
54,331,239	71505-10	and the second of the second o		41,632,593		40,878,837	
55,806,451				42,154,871		41,119,864	
1 22,000,431	TT,012,120	-T2,077,TIM	71,207,202	-rai,13-1,0/1	12,120,010	-11,112,004	31,023,023

1 50 000 700	44,000,070	12 554 570	45,526,389	44,955,297	45,259,987	43,613,295	39,396,265
59,826,795		43,554,572	49,917,382	48,375,412	48,714,320	46,644,605	41,681,206
64,732,806	43,603,238	44,633,803	1.000,000,000		51,091,380	48,514,051	42,793,016
68,855,871	42,378,748	44,811,291	53,527,094	50,818,737		The Committee of the Co	43,253,140
68,180,158	102 25	49,412,663	57,854,106	55,204,770	54,668,094	47,475,298 45,869,167	
66,489,288		53,682,109	61,630,311	59,134,900	57,717,483		43,189,044
66,121,164	115	59,545,352	67,065,968	64,730,260	62,273,466	45,292,478	44,077,413
67,017,888	and the community of th	67,262,800	74,282,582	72,075,997	68,305,163	45,436,210	45,669,048
66,867,220	70,256,920	74,499,541	80,497,600	78,338,869	72,948,757	44,258,733	45,806,671
69,446,253		77,003,403	81,839,239	80,977,182	77,209,917	52,296,735	54,423,909
68,891,321		75,670,147	78,884,930	79,110,761	76,958,183	57,968,391	60,402,309
69,958,329		75,935,166	77,604,377	78,881,240	78,346,554	65,676,943	68,572,301
66,975,738	1000	71,896,066	72,036,172	74,203,686	75,226,191	70,163,668	73,390,905
64,043,867	66,571,667	68,064,114	66,895,359	69,866,470	72,323,867	75,078,802	78,695,308
46	47	48	49	50	51	52	53
908,203	818,428	725,710	690,930	608,171	550,030	504,428	428,517
948,880	885,381	802,069	754,848	665,216	594,349	551,470	471,254
991,016	1 44 100 100 100 100 100 100 100 100 100	886,253	824,547	727,560	642,254	602,974	518,375
1,033,696		978,154	899,727	794,973	693,414	658,783	569,832
1,131,989		1,056,794	953,224	859,718	758,144	724,335	634,512
1,227,099		1,130,418	999,938	920,673	820,964	788,926	700,084
1,338,801		1,217,162	1,055,961	992,639	895,108	865,282	777,908
1,455,012		1,305,681	1,111,067	1,066,438	972,589	945,859	861,587
1,582,323		1,401,756	1,170,088	1,146,854	1,057,927	1,035,173	955,501
1,698,204	277	1,508,341	1,286,873	1,252,691	1,161,404	1,121,825	1,040,667
1,824,191	**************************************	1,624,733	1,416,927	1,369,988	1,276,709	1,217,480	1,135,161
1,951,771		1,743,471	1,554,355	1,492,874	1,398,550	1,316,798	1,234,137
1,986,719		1,774,369	1,614,085	1,536,608	1,443,502	1,338,074	1,256,364
2,167,013		1,933,694	1,794,227	1,692,641	1,594,180	1,454,714	1,368,374
2,284,377		2,069,484	1,938,580	1,818,033	1,711,897	1,550,089	1,441,127
2,277,344	99	2,049,474	1,923,235	1,787,578	1,687,185	1,530,118	1,430,851
2,637,045		2,467,215	2,365,186	2,208,906	2,104,098	1,908,564	1,774,929
2,732,634		2,601,178	2,523,914	2,353,215	2,255,149	2,047,585	1,904,297
3,087,176	Annual Contract Contr	2,986,170	2,929,592	2,722,726	2,619,523	2,373,969	2,199,577
3,535,062		3,260,168	3,144,761	2,973,691	2,754,225	2,527,439	2,352,455
4,023,363		3,521,243	3,331,778	3,198,522	2,846,314	2,640,266	2,465,231
5,094,932		4,244,616	3,945,566	3,850,713	3,296,245	3,093,764	2,899,782
6,090,253			4,409,752	4,374,742	3,601,664	3,419,599	3,216,550
7,687,733		5,809,207	5,214,088	5,261,478	4,168,913	4,006,829	3,785,019
9,084,084		7,045,942	6,365,567	6,249,462	5,005,505	4,667,499	4,333,324
10,684,674		8,489,753		7,363,366	5,959,960	5,392,327	4,923,032
14,014,223		11,441,299	10,445,789	9,664,899	7,857,354	6,830,086	6,042,016
18,247,334		15,317,027	14,093,808	12,706,709	10,462,380	8,844,466	7,712,708
21,701,914	140 Y 0000 M V 174	18,687,156		15,172,079	12,624,952	10,352,702	8,871,912
23,300,497		20,199,504		16,400,885	13,850,311	11,522,719	9,885,598
25,949,382			21,034,156	18,603,446	16,008,938	13,578,997	11,733,975
27,913,058		24,827,710	22,979,255	20,478,489	17,993,584	15,600,864	13,623,939
29,622,708	(A) (C) (C)		24,643,972	22,079,567	19,755,758	17,451,308	15,338,602
30,476,984		27,776,633	60 m3	23,235,620	21,222,823	19,157,127	17,009,433
34,128,281			29,562,122	26,701,381	24,241,602	22,011,397	19,574,203
33,359,953	1211 1	31,716,226	14 C C C C C C C C C C C C C C C C C C C		24,466,060	22,439,199	20,089,531
34,433,557	PLANT CHARLES TO CONTRACT OF	250000	204 V 504 C 500 V 125 C 500			24,345,078	
35,786,073		- CACCON 1	5-0200	100000000000000000000000000000000000000		26,296,917	remove statistics statistics
1 55,760,075	7 50,710,000	55,004,100	57,077,424	J1,1-10,1334		#U,#2U,21/	,,,/ ₁

5	58	150			, i	- 4		9.0
1	36,005,634	36,988,064	36,488,150	35,028,571	31,947,952	28,544,731	26,799,434	24,274,142
1	38,897,336	39,174,865	38,638,188	36,800,604	33,173,951	29,128,157	27,693,705	25,357,180
- 1	41,536,510	41,034,919	40,486,403	38,267,627	34,093,803	29,405,783	28,285,076	26,138,210
1	45,338,451	43,941,289	43,374,008	40,691,613	35,837,437	30,369,970	29,563,979	27,583,870
1	50,203,069	47,692,055	47,052,695	43,774,331	38,078,280	31,681,831	31,192,140	29,369,357
-	53,631,156	49,746,924	48,837,673	44,804,608	38,225,201	30,948,122	30,466,495	28,521,238
- 1	62,760,821	58,761,647	57,141,463	48,335,637	42,921,328	37,551,897	36,698,217	34,883,389
-	68,286,472	64,199,046	61,472,322	47,612,161	43,641,485	40,848,614	39,142,897	37,196,457
- 1	76,057,953	71,856,768	67,805,280	48,119,125	45,551,069	45,627,878	42,873,522	40,717,550
- 1	79,855,675	75,814,034	70,506,527	45,856,178	44,848,746	48,106,364	44,364,381	42,162,476
1	84,012,803	80,153,859	73,457,981	43,787,468	44,258,595	50,864,608	46,081,237	43,886,459
I	54	55	56	57	58	59	60	61
ı	364,636	323,878	246,447	215,964	174,549	125,049	89,149	55,625
- 1	405,037	357,647	279,849	238,411	194,147	138,824	103,775	69,042
- 1	450,071	395,123	317,961	263,346	216,007	154,114	120,766	85,649
1	499,843	436,341	361,142	290,791	240,170	170,924	140,363	106,092
- 1	559,643	487,267	404,018	332,682	274,618	200,871	164,304	123,879
- 1	621,084	539,496	448,193	377,412	311,221	233,869	190,534	143,367
١	694,231	601,678	500,850	431,283	355,164	274,109	222,372	166,951
-	773,558	668,981	558,013	491,331	403,933	320,085	258,504	193,601
- 1	1.00	744,905	622,633	560,536	459,895	374,061	300,660	224,570
- 1	863,150		AC			436,642	7.5	264,603
- 1	923,318	815,296	693,091	632,104	529,862		352,036	9760
-	989,281	893,842	772,831	713,950	611,243	510,180	412,477	311,922
	1,056,532	976,843	859,010	803,743	702,559	593,752	481,263	366,076
	1,052,291	990,671	880,584	827,945	731,280	619,447	498,382	377,636
	1,121,311	1,074,907	965,784	912,478	814,368	691,418	552,178	416,785
	1,188,926	1,111,072	977,552	885,715	761,881	607,820	476,277	350,304
	1,214,092	1,135,781	1,012,035	918,860	808,536	642,355	522,581	395,672
	1,527,641	1,406,073	1,241,131	1,096,839	948,778	722,102	587,380	441,410
	1,673,833	1,528,716	1,351,297	1,179,067	1,022,359	759,705	629,393	477,924
	1,965,253	1,770,482	1,555,238	1,326,085	1,136,006	812,675	676,448	512,241
	2,126,125	1,904,520	1,686,872	1,439,072	1,236,309	907,084	749,964	569,611
	2,249,881	1,999,509	1,780,583	1,513,895	1,297,067	970,799	793,119	601,169
	2,674,685	2,360,879	2,116,745	1,797,074	1,539,705	1,178,682	953,958	723,395
	2,997,363	2,626,452	2,369,442	2,006,935	1,717,392	1,343,068	1,075,598	815,079
ı	3,566,572	3,106,059	2,823,732	2,391,079	2,049,650	1,642,184		990,836
	4,018,104		3,114,517	2,669,788		1,851,913	7.4	1,122,100
	4,495,321	4,071,868	3,418,563	2,971,363				1,278,045
	5,376,788		4,005,468	3,580,543			2,218,728	
	6,772,089	6,364,678	4,958,526	4,491,487	3,973,928	the second secon		2,255,927
	7,659,574	50 694	5,465,519	4,988,925	4,379,381			
	8,519,994	0.00000	5,949,922	5,253,076		3,897,910	3,206,309	
1	10,150,368	The second secon	6,986,761	5,967,459				
	11,871,623	1.7	8,121,501	6,743,085				
Ŋ	13,406,252		9,032,637	7,256,002		5.0		2 15
	14,968,152		10,008,161	7,805,782			4,490,674	
	17,226,283		11,748,103	9,315,617	DATE OF THE PROPERTY OF THE PARTY OF THE PAR		5,231,665	
П	17,774,189	15,112,310	12,494,852	10,124,123			The second of the second of the second	particular of the Control of the Con
	19,595,385		14,229,445	11,786,078			1,411,753,555	
	21,360,939	18,437,538	15,889,931	13,387,536				
	21,630,517		16,371,298	14,055,218	The second secon			
	22,777,516	19,732,175	17,253,480	14,970,753	12,656,399	10,463,727	8,138,470	5,888,463

I	23,618,225	20,463,731	17,792,956	15,531,718	13,157,224	10,865,573	8,475,601	6,239,647
١			18,856,262			11,715,797	9,199,396	6,915,732
1			20,050,690			12,478,110	9,808,058	7,488,646
١	25,933,520	22,314,529	19,036,849	17,001,182	14,701,668	12,272,407	9,790,298	7,694,148
1	31,896,258	27,378,591	22,979,124	20,645,227	17,723,505	14,666,259	11,529,991	8,881,400
1	33,788,767	28,707,118	23,652,839	21,494,879	18,616,421	15,512,017	12,201,635	9,348,670
١	36,733,551	30,879,221	24,964,932	22,933,506	20,019,233	16,781,037	13,195,272	10,047,369
١	37,825,568	31,503,695	25,027,163	23,275,646	20,513,069	17,326,690	13,641,326	10,338,586
	39,209,503	32,401,444	25,328,848	23,880,531	21,274,425	18,128,998	14,307,294	10,804,806

62	63	64	Total
39,181	23,692	10,557	53,201,495
47,754	28,610	12,410	57,686,351
58,161	34,518	14,573	62,451,728
70,715	41,569	17,081	67,762,072
83,405	50,079	20,875	73,620,846
97,579	59,867	25,328	79,021,061
114,850	71,989	30,910	85,346,230
134,588	86,176	37,549	91,792,530
157,734	103,154	45,608	98,945,454
190,273	124,311	56,336	106,477,229
229,596	149,835	69,596	114,781,803
275,772	179,747	85,565	123,219,123
288,400	186,020	89,942	126,895,194
322,685	205,966	101,150	140,527,359
263,298	164,033	78,050	154,767,358
304,501	194,936	94,441	171,652,944
335,746	213,469	101,906	197,897,050
365,561	234,727	112,202	217,853,587
389,057	249,242	117,922	254,181,762
426,637	274,161	127,249	276,130,588
441,904	283,540	128,538	299,384,082
523,098	335,885	149,043	360,389,646
579,187	371,794	161,326	411,691,084
693,650	446,230	189,780	495,243,976
785,959	505,000	218,988	563,141,337
897,481	577,073	255,621	638,403,384
1,282,312	846,791	392,800	783,714,906
1,632,546	1,076,762	509,271	984,774,969
1,781,070	1,166,357	559,263	1,119,279,786
1,815,509	1,197,165	100000	1,229,604,587
1,961,130	1,297,963	120 (173)	1,351,986,864
2,161,343	1,442,353		E2232
2,219,389	1,487,506	749,424	1,519,887,038
2,309,268	WG	795,577	
2,623,729	1,736,515		100
2,775,039		892,986	
3,144,300	 International Contraction (International Contraction (Internat		
3,383,290	B		
3,481,379	2474/215	0578	22.002
3,967,753			500 March 200 March
4,278,821			
4,843,198	3,074,122	1,468,445	2,135,140,813

5,327,907	3,392,535	1,621,488	2,259,830,252
5,633,635	3,643,837	1,763,718	2,345,788,756
6,453,438	4,131,786	1,976,949	2,559,500,201
6,837,883	4,393,489	2,105,711	2,652,538,794
7,391,331	4,762,139	2,284,481	2,845,869,382
7,660,802	4,956,382	2,383,092	2,859,439,690
8,073,100	5,250,392	2,532,736	2,873,225,275

Table C-26: Value of Female Human Capital by Age Group (¥ million)

Table C-26	: Value of h	emale Hun	ian Capitai	by Age Gr	oup (# mui	ion)	
Year	15	16	17	18	19	20	21
1947	1,068,501	1,074,218	1,053,235	1,057,783	1,045,585	1,027,308	1,016,537
1948	1,126,434	1,128,211	1,124,527	1,130,030	1,119,198	1,092,594	1,080,807
1949	1,181,072	1,178,929	1,194,972	1,201,858	1,192,974	1,157,382	1,144,703
1950	1,246,743	1,239,748	1,277,406	1,285,437	1,278,370	1,232,192	1,218,219
1951	1,319,317	1,286,646	1,342,991	1,365,594	1,367,471	1,322,202	1,303,240
1952	1,382,752	1,322,291	1,398,056	1,436,504	1,448,607	1,405,387	1,381,531
1953	1,450,574	1,360,612	1,457,577	1,513,703	1,537,449	1,496,769	1,467,497
1954	1,520,671	1,398,617	1,517,665	1,592,625	1,628,962	1,591,156	1,555,791
1955	1,596,635	1,440,131	1,583,107	1,678,859	1,729,310	1,694,847	1,652,647
1956	1,631,184	1,571,027	1,691,666	1,792,243	1,836,032	1,781,309	1,706,197
1957	1,669,425	1,716,447	1,810,055	1,915,445	1,951,208	1,873,689	1,762,665
1958	1,706,845	1,873,828	1,935,539	2,046,184	2,072,938	1,970,418	1,820,727
1959	1,703,414	1,994,514	2,015,319	2,125,143	2,137,400	2,007,233	1,818,627
1960	1,809,701	2,256,831	2,227,941	2,340,881	2,335,193	2,164,770	1,921,211
1961	2,127,172	2,597,219	2,570,834	2,651,336	2,422,545	2,316,513	2,192,666
1962	2,687,015	3,210,310	3,185,201	3,224,235	2,699,086	2,663,942	2,690,827
1963	3,190,829	3,743,396	3,733,612	3,717,616	2,855,205	2,910,001	3,137,815
1964	3,666,995	4,207,357	4,202,969	4,103,230	2,883,186	3,027,579	3,477,039
1965	4,565,964	5,129,195	5,140,938	4,933,211	3,181,990	3,457,449	4,246,761
1966	4,702,800	5,182,124	5,272,819	5,170,909	3,692,733	4,017,387	4,831,907
1967	4,771,664	5,155,633	5,323,966	5,334,895	4,217,971	4,594,917	5,411,970
1968	5,391,469	5,716,038	5,995,917	6,145,748	5,386,166	5,883,306	6,796,531
1969	5,785,433	6,008,772	6,390,827	6,686,871	6,481,682	7,081,860	8,005,714
1970	6,689,249	6,817,686	7,364,644	7,879,175	8,460,671	9,261,156	10,261,705
1971	7,656,826	7,833,070	8,309,610	8,742,681	9,365,831	10,162,929	11,029,861
1972	8,661,077	8,879,299	9,237,516	9,546,786	10,194,520	10,960,563	11,648,013
1973	10,662,610	10,987,105	11,244,178	11,451,437	12,229,907	13,073,168	13,657,247
1974	13,432,518		13,967,967	13,991,343	14,909,098	15,800,497	16,173,764
1975	15,399,827		15,890,564	15,698,876	16,733,397	17,621,468	17,707,908
1976	16,622,626	90 60	16,859,945	16,646,302	17,502,729	18,276,150	18,399,921
1977	18,550,924		18,550,588	18,341,600	19,072,203	19,810,112	20,059,632
1978	20,198,257		19,848,933	19,625,002	20,155,181	20,801,311	21,164,779
1979	21,662,135		20,915,614	20,676,851	20,970,815	21,501,493	21,981,715
1980	22,711,383		21,543,822	21,300,467	21,344,542	21,757,958	22,366,784
1981	25,375,440		24,375,028		12 C 10 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C	24,704,226	24,954,534
1982	26,382,895			25,714,643		26,087,031	25,925,291
1983	27,489,588		26,975,530	27,271,306		27,538,267	26,886,304
1984	28,679,651		28,416,127	28,919,674	24,087,908	29,050,394	27,861,884
1985	30,377,125		30,524,948	31,324,648		31,362,092	29,567,013
1986	31,218,618	V CONTRACTOR OF THE PROPERTY O	32,063,987	32,742,976		32,665,573	31,128,740
1987	32,211,128	The property of the property of the party of	33,848,955	34,406,228		34,208,720	32,951,582
1988	32,974,691	A RESIDENCE OF THE PROPERTY OF THE PARTY OF			32,625,900	35,411,223	34,445,164
1989	34,488,693	36,699,005	37,875,610	38,106,163	36,315,195	37,521,315	36,880,523

			2	~		72	-	200
1	1990	36,467,543	39,368,565	40,990,511	41,041,760	40,907,985	40,214,718	39,928,182
1	1991	37,257,246	39,970,262	41,791,452	42,232,187	42,713,693	42,580,064	42,839,271
1	1992	37,652,533	40,202,773	42,263,245	43,146,743	44,308,917	44,804,031	45,689,109
1	1993	38,390,210	40,732,265	43,002,088	44,316,806	46,193,970	47,386,834	48,980,913
1	1994	37,606,312	39,703,030	42,137,034	43,866,300	46,425,386	48,309,821	50,614,077
L	1995	36,210,124	38,045,719	40,602,855	42,715,854	45,926,017	48,511,945	51,550,440
ſ	22	23	24	25	26	27	28	29
ſ	984,914	905,484	871,744	831,946	779,358	791,818	636,338	637,962
1	1,049,607	984,878	953,656	906,994	847,427	846,036	718,687	705,706
1	1,114,312	1,067,173	1,039,326	985,119	918,061	900,733	808,883	778,043
-	1,188,508	1,161,594	1,137,726	1,074,638	998,845	963,018	914,200	861,331
-	1,282,348	1,254,580	1,228,690	1,162,023	1,091,507	1,052,779	1,002,810	952,649
1	1,371,608	1,343,768	1,316,341	1,246,880	1,183,964	1,142,666	1,092,309	1,046,483
-1	1,470,035	1,442,074	1,412,863	1,340,330	1,286,482	1,242,323	1,191,757	1,151,407
1	1,572,396	1,544,492	1,513,465	1,437,983	1,395,232	1,348,214	1,298,017	1,264,798
- 1	1,685,117	1,657,217	1,624,074	1,545,346	1,515,625	1,465,416	1,415,887	1,391,383
1	1,763,729	1,755,973	1,733,581	1,656,186	1,618,791	1,580,214	1,529,304	1,500,406
-	1,847,046	1,861,497	1,851,199	1,775,539	1,729,407	1,704,312	1,651,997	1,618,049
-1	1,934,082	1,973,142	1,976,607	1,903,372	1,847,556	1,838,256	1,784,787	1,745,334
-1	1,955,570	2,017,599	2,034,679	1,966,644	1,902,872	1,913,016	1,863,172	1,821,445
- 1	2,088,455	2,175,007	2,204,402	2,135,508		2,087,434	2,037,917	1,989,865
- 1	2,332,301	2,424,537	2,442,950	2,340,842	2,212,914	2,273,392	2,243,357	2,201,499
-	2,802,046		2,914,834	2,763,868	2,565,530	2,669,719	2,664,384	2,631,018
- 1	3,199,511	3,316,606		3,101,464		2,978,416	3,005,146	2,984,936
- 1	3,463,491			3,272,809	2,918,530	3,103,320	3,152,959	3,138,467
-	4,149,054		4,217,580	3,867,138		3,651,460	3,752,494	3,758,796
- 1	4,742,848	5 5	4,334,717	4,098,371		4,051,564	4,162,086	4,151,636
-	5,337,105		4,382,814	4,269,114			4,512,453	4,472,441
-	6,745,754		4,994,618	5,018,760		5,413,439	5,532,345	5,448,717
- 1	7,980,411	7,689,979		5,497,060	and the state of t	6,187,113	6,304,291	6,167,345
1	10,291,619			6,604,651		7,799,141	7,948,715	7,744,598
-	11,206,963		Control of the Contro	8,138,971	9,695,402	9,411,879	9,430,638	8,391,212
- 1	11,989,934			9,871,393		11,205,992	11,057,724	9,001,100
١	14,305,152			13,548,993	Control of the Contro	15,239,263	14,875,079	11,120,714
- 1	17,175,131			18,479,383		20,421,586		13,429,286
- 1	19,093,641		21,664,853	23,409,152	25,659,416	25,442,667	24,100,095	15,081,247
	19,392,863		21,335,005	22,754,794	50 000	24,424,853	23,542,983	16,303,961
- 1	20,767,800		22,431,794	23,756,723		25,465,056	25,102,182	19,323,935
- 1	21,507,769		22,784,759	23,947,173		25,601,508	25,793,010	22,064,057
	21,928,297	F - 17 - 17 - 17 - 17 - 17 - 17 - 17 - 1		23,783,408		25,363,301	26,111,539	24,811,483
- 1	21,919,072		The second secon	23,203,903	The second of th	24,712,016	26,010,441	27,467,309
	24,457,252		24,679,555	25,439,374		26,718,379	27,660,534	29,173,539
- 1	25,446,635			26,099,555	The Control of the Co		27,435,968	28,831,181
	26,381,969	327 72 11		26,542,569		27,060,093	27,031,232	28,363,311
- 1	27,335,405			27,008,256	0 100			27,937,862
	29,020,462		# 777 Lan 1 70 Lan 1 Lan 1	28,212,263		28,014,235	27,104,235	28,396,761
1	30,605,697	120.000 CO.	the control of the same and the control of the same	29,805,406	TOTAL STREET, TO		28,146,843 29,417,871	
	32,453,061	and the second s		31,664,866 33,152,045		30,423,261 31,307,912	30,253,955	30,041,509 30,491,594
	33,957,664		1 A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	35,598,027		31,307,912		31,695,721
	36,414,092 39,476,763		29,917,348 31,184,877	38,666,152	4.000.000.000.000.000.000	Commenter of the Commen		33,417,043
	42,678,981						The second secon	
- 1	42,070,901	1 42,740,070	22,000,011	41,423,272	22,101,002	30,203,007	37,000,244	34,747,213

				-		1947	21
45,878,402	45,745,580	39,269,967	44,156,011	42,176,836	41,157,199	40,196,723	35,953,077
49,567,066	49,184,369	44,146,021	47,261,392	45,601,133	44,500,861	43,719,986	37,318,177
51,623,893	50,990,653	47,868,521	48,811,748	47,597,864	46,478,244	45,964,350	37,473,037
53,024,269	52,158,648	51,230,111	49,766,280	49,044,629	47,910,979	47,673,636	37,111,514
30	31	32	33	34	35	36	37
625,982	619,972	596,257	595,629	559,350	549,002	536,518	508,868
702,909	648,423	633,638	631,159	604,855	587,706	579,480	548,844
786,773	676,125	671,438	667,022	652,451	627,729	624,633	590,935
884,228	707,843	714,314	707,680	706,506	673,026	675,824	638,596
962,055	793,037	792,541	779,303	768,980	743,471	713,100	682,069
1,039,864	882,887	874,033	853,233	832,388	817,014	748,737	725,152
1,125,727	984,414	965,330	935,518	902,275	899,034	787,166	771,901
1,216,842	1,096,100	1,064,838	1,024,616	977,121	988,549	827,114	821,392
1,317,181	1,222,105	1,176,121	1,123,580	1,059,412	1,088,173	869,982	874,887
1,420,477	1,331,745	1,283,340	1,229,181	1,168,613	1,181,517	972,038	968,059
1,531,838	0.157.0155.0	1,400,084	1,344,352	1,288,613		1,085,458	1,070,430
1,652,501	1,581,835	1,528,350	1,471,390	1,422,194		1,213,622	1,185,346
1,726,650		1,618,565	1,563,099		1,471,403	1,320,698	1,279,441
1,886,466		1,787,009	1,727,843			1,485,233	1,423,210
2,088,066			1,909,272			1,648,849	1,583,066
2,501,338			2,307,865			2,015,606	1,937,968
2,843,375	(5 .5)	2,730,198	2,643,701			2,327,086	2,236,383
2,985,328			2,775,018	50 9000	1000	2,456,246	2,361,570
3,583,706		the second secon	3,359,030		3,080,459	2,996,296	2,878,817
3,930,897	The State of the State of Stat		3,717,191	POST (1997) - 1997 - 1997 - 1997		3,345,178	3,245,101
4,196,827			3,983,713	Personal Street, Co.	3,732,014	The second secon	3,537,080
5,066,378			4,816,315	(C)		4,378,947	4,328,221
5,680,716			5,407,757			4,936,091	4,923,202
7,081,524			6,768,604			6,203,925	6,243,070
7,921,295	50		7,873,022			6,941,254	7,067,161
8,788,304			9,136,953	0.75		7,790,798	8,037,482
11,267,549	to the second contract of		12,329,802		20 m		10,640,119
14,068,588	THE RESIDENCE OF STREET		16,056,188	and the second s		12,767,868	13,495,726
16,339,501	Annual Control of the		19,471,809		17,248,628	14,911,074	15,937,686
17,570,933	TELEVISION STATE (A	- 1975 CAROCA EDICO	20,143,473				16,279,372
20,796,664		23,432,639	23,116,142	18,795,615		18,092,470	18,542,523
23,711,047	, , , , , ,	26,327,487	25,599,100	19,053,345		20,313,705	20,383,728
26,609,274			27,815,053	0, 100	19,724,574	22,335,464	21,946,724
29,411,032			29,801,710	18,553,697		24,221,511	23,299,540
31,020,874		The second secon	31,997,665	St	23,827,741	28,263,554	27,340,105
30,366,118		32,241,446	31,611,003	Account to the second s		29,938,507	28,944,348
29,660,783	The second secon		31,435,285		Commence of the property of the control of	32,299,318	31,356,283
29,008,415		30,581,117	31,292,300	29,617,397		34,919,460	34,072,056
29,307,335		30,824,596	32,225,225			39,060,464	38,305,156
29,876,241		30,991,739	31,870,734		35,324,019	37,548,851	37,339,595
30,679,620			31,814,048			36,550,429	36,909,238
30,964,406			31,144,592	100	33,938,527	34,826,504	35,699,653
31,991,878	The second second second		31,176,506		01 (5)	33,903,361	35,270,643
33,542,800	A	174.71	31,693,166		7,000000000	33,487,670	35,328,402
36,303,895	The Day of the Control of the Contro	34,978,009	33,633,668	the same of the control of the contr		34,973,591	36,222,965
39,106,910		37,018,054	1,100 (0.00)	The second secon	1,2,000	Control of the Contro	36,879,433
42,231,120			THE VALUE OF THE PARTY OF	1 12155	101	and the second of the second o	
, ,		,	. – • • • • • • • • • • • • • • • • • •	, , 100000			

44,163,804	41,668,649			38,028,326		38,060,208	37,180,80
45,543,586	42,226,347	40,840,994	39,093,885	38,017,964	37,861,211	37,961,542	36,376,2
38	39	40	41	42	43	44	45
493,135	463,818	435,620	365,079	368,759	340,178	340,637	320,69
536,101	503,034	472,910	416,381	407,519	378,526	353,106	341,62
581,966	544,912	512,886	474,502	450,029	420,905	365,787	363,6
634,040	592,378	558,197	542,624	498,708	469,674	380,265	388,5
676,281	639,261	602,845	588,652	543,015	515,544	428,919	430,3
718,256	687,082	648,574	636,236	589,178	563,986	482,245	475,1
763,724	739,310	698,545	688,434	639,991	617,696	542,844	525,3
811,993	795,591	752,567	745,205	695,513	676,857	611,375	581,0
864,059	856,851	811,404	807,290	756,457	742,298	689,145	643,2
948,560	930,569	894,616	850,949	808,096	794,102	747,046	699,1
1,040,486	1,009,733	985,446	896,128	862,465	848,759	809,104	759,2
1,143,239	1,097,673	1,087,676	945,701	922,499	909,181	878,272	826,3
1,226,615	1,166,594	1,174,279	976,036	964,098	949,960	928,143	873,6
1,352,171	1,270,826	1,297,187	1,029,527	1,029,175	1,013,848	1,001,874	943,5
1,511,763	1,433,806	1,442,592	1,180,421	1,168,357	1,139,882	1,109,306	1,059,8
1,856,282	1,774,129	1,758,208	1,483,398	1,455,091	1,408,595	1,352,803	1,314,3
2,143,526	2,060,472	2,008,463	1,745,723	1,696,752	1,630,700	1,546,521	1,528,9
2,269,339	2,196,972	2,107,935	1,887,633	1,816,605	1,730,554	1,617,816	1,624,3
2,767,295	2,693,661	2,541,315	2,343,777	2,234,309	2,112,502	1,949,525	1,991,0
3,123,474	3,037,680	2,865,031	2,661,557	2,538,761	2,410,588	2,253,886	2,262,9
3,412,408	3,317,823	3,129,225	2,928,081	2,793,795	2,662,487	2,520,514	2,486,0
4,179,590	4,058,564	3,824,929	3,602,926	3,437,000	3,285,966	3,147,988	3,048,4
4,760,537	4,619,303	4,352,979	4,130,977	3,943,644	3,786,554	3,675,434	3,499,2
6,043,390	5,855,990	5,512,511	5,264,013	5,021,731	4,834,450	4,745,791	4,433,0
6,913,056	6,734,805	6,362,205	6,057,601	5,823,882	5,594,579	5,460,638	5,092,9
7,955,462	7,801,679	7,405,160	7,039,132	6,830,372	6,558,508	6,377,164	5,951,4
10,645,328	10,497,854	10,001,400	9,481,584	9,275,791	8,892,617	8,601,447	8,017,5
13,638,716	13,520,689	12,931,444	12,235,790	12,086,067	11,595,562	11,178,908	10,423,3
16,258,215	16,193,725	15,541,067	14,670,270	14,624,059	14,033,303	13,481,915	12,577,
16,594,824	16,435,983	15,589,552	14,454,654	14,599,743	14,175,751	13,716,829	12,859,6
18,899,424	18,619,737	17,457,411	15,898,616	16,267,734	15,977,187	15,559,536	14,640,2
20,752,088	20,321,612					16,990,174	16,044,
22,330,140	21,737,476	19,885,426	17,444,685	18,287,197	18,340,104		17,081,
23,682,303	22,913,469	20,704,117	17,826,852	18,917,956	19,176,795	18,991,970	18,026,9
27,390,287	24,265,627	22,699,803	20,881,378	21,674,884	21,917,653		
28,379,734	22,901,804	22,105,156	21,690,814			21,775,183	
30,244,055	22,315,372	22,278,741	23,346,341	23,197,252			
32,369,080	21,863,795	22,603,724	25,323,834			2.354	
35,841,545		23,726,348		20.000000000000000000000000000000000000			
35,662,641		26,129,941	30,640,962	11 2 2 2 2 2 2		THE RESERVE AND ADDRESS OF THE PARTY OF THE	
36,040,699		29,280,740				COLDA CENTA MODEL	V.
35,633,041		32,120,647					
35,979,458		100		25 (4)			
36,789,826		40,709,498		17.		5000	
37,121,771		100000000000000000000000000000000000000					
37,106,530		11.07089		Commence Printer South	· · · · · · · · · · · · · · · · · · ·		
37,099,409		39,714,182			17	N 1900/2-13	
36,161,697							
34,767,156	35,900,578	36,364,785	35,645,319	37,222,708	38,438,740	39,771,112	41,677,3

46	47	48	49	50	51	52	53
295,565	264,838	228,029	214,945	183,338	167,241	152,272	133,007
312,561	290,226	256,726	238,717	206,178	183,893	170,792	148,504
330,323	317,844	288,842	264,934	231,702	202,065	191,440	165,708
350,342	349,332	326,124	295,067	261,302	222,816	215,349	185,576
392,189	383,726	358,731	317,308	288,283	248,324	241,056	210,715
437,681	420,193	393,348	340,144	317,076	275,970	269,124	238,661
489,044	460,682	431,816	365,050	349,153	307,056	300,825	270,656
546,734	505,347	474,291	391,977	384,666	341,819	336,442	307,122
611,766	554,827	521,385	421,239	424,141	380,834	376,600	348,820
670,497	612,486	580,113	481,481	477,295	433,559	420,412	389,673
734,244	675,561	644,887	549,845	536,626	493,144	468,916	434,957
805,863	746,804	718,485	629,298	604,660	562,156	524,185	486,610
857,175	797,910	771,277	691,874	652,597	612,111	558,237	517,354
931,302	870,791	845,698	776,979	719,435	680,793	607,246	561,832
997,954	941,377	911,367	844,547	778,705	<i>7</i> 36,270	655,567	603,955
1,183,673	1,129,815	1,094,049	1,026,527	946,654	898,864	803,644	742,362
1,318,106	1,274,217	1,235,441	1,175,217	1,085,686	1,037,300	933,540	867,335
1,337,466	1,306,143	1,264,336	1,216,281	1,123,306	1,078,325	976,080	912,134
1,568,675	1,550,782	1,502,227	1,463,755	1,352,374	1,303,766	1,184,796	1,109,636
1,838,105	1,803,534	1,734,714	1,670,901	1,568,601	1,447,638	1,330,382	1,246,777
2,080,095	2,023,800	1,930,757	1,837,046	1,751,724	1,547,805	1,439,535	1,351,934
2,625,726	2,531,306	2,393,304	2,247,703	2,175,696	1,839,677	1,731,015	1,628,959
3,107,414	2,973,408		2,592,419	2,551,136	2,066,796	1,969,158	
4,049,255	3,835,786	3,565,379	3,264,762	3,257,761	2,522,763	2,428,730	2,292,643
4,688,106		4,121,294	3,800,015	3,724,337	2,961,868	2 30	
5,534,231	5,228,711	4,886,078	4,550,208	4,392,827	3,597,532	3,410,184	3,176,133
7,514,669	7,080,648		6,206,178	5,878,615	4,936,296		
9,856,723			8,176,687	7,602,256	6,551,412		
12,009,030	11,277,872	10,579,646	10,056,620	9,187,787	8,129,832		
12,254,698		10,992,488	10,479,471	9,624,695	8,650,047	7,996,198	7,302,265
13,898,421	13,344,502		12,016,050	11,048,897	10,040,766	9,290,429	8,519,847
15,173,308	14,710,175	13,933,579	13,258,108	12,204,080	11,213,447	10,384,773	9,563,530
16,062,507	15,697,979	14,876,640	14,123,506	13,001,478	12,069,718	11,183,575	10,343,235
16,888,298	16,673,545	15,847,083	15,042,947	13,873,870	13,031,402	12,092,340	11,235,343
18,550,713	18,531,982	17,804,805	16,997,485	15,721,456	14,695,080	13,741,850	12,761,335
18,208,721	18,417,447	17,886,921	17,175,891	15,938,026	14,834,597	13,993,305	13,006,006
18,418,487	18,850,864	18,502,345	17,869,956	16,638,569	15,427,722	14,690,559	13,681,308
18,834,915	19,502,586	19,334,824	18,765,681	17,509,299	16,144,098	15,480,414	14,398,896
19,964,441	20,918,305		20,440,597	19,125,544	17,554,527	16,977,217	15,805,314
21,539,623	22,108,305	22,130,808	21,453,181	19,843,507	17,896,283	17,552,396	16,529,053
23,529,590	23,645,911	23,653,520	22,774,264	20,817,054	18,438,762	18,329,381	17,446,747
25,326,100	24,912,954	24,880,192	23,767,177	21,440,685		18,729,677	17,981,050
27,643,802	26,601,050	26,512,409	25,119,055	22,357,884	19,039,893	19,370,515	18,755,685
30,691,101	28,916,294	28,783,007	27,068,551	23,792,026	19,883,278	20,484,117	20,027,120
33,894,687	32,040,130	31,367,362	26,992,053	24,501,946	21,865,076	22,002,938	21,453,033
36,699,508		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		24,628,732	23,445,824	23,025,943	22,371,955
39,997,766	38,059,280			25,201,961	25,676,341	24,692,786	23,992,582
42,640,798	40,747,422	38,022,333	25,122,527	25,190,340	27,463,533	25,865,298	25,141,795
44,456,091	42,630,716	39,154,476	23,692,508	24,559,001	28,623,541	26,367,023	25,598,891

54	55	56	57	58	59	60	61
114,704	103,591	81,298	74,852	62,743	47,895	35,657	23,816
129,999	116,282	93,360	82,791	70,186	53,081	74,804	29,178
147,257	130,467	107,164	91,530	78,464	58,782	87,617	35,707
167,420	146,928	123,473	101,570	88,029	65,315	102,554	43,832
189,841	166,378	139,380	117,380	100,811	76,628	120,618	50,494
214,749	187,970	156,981	135,332	115,124	89,602	140,573	57,963
243,243	212,652	177,046	156,235	131,617	104,873	164,742	
275,693	240,738	199,812	180,481	150,539	122,779	192,402	76,484
312,774	272,804	225,730	208,685	172,308	143,823	224,801	
341,512	305,438	256,048	238,775	200,951	168,600	264,666	103,300
372,603	341,722	290,220	272,981	234,118	197,413	311,693	121,248
407,467	383,211	329,719	312,792	273,323	231,587	365,740	142,545
422,204	405,714	352,074	334,953	296,003	250,189	380,471	152,162
446,854	438,747	384,004	366,374	327,437	276,079	421,084	165,909
486,825	464,528	402,821	369,386	321,633	257,317	360,408	
611,547	572,942	498,595	446,698	387,232	300,252	406,458	
732,953	677,361	595,063	524,912	457,815	347,587	453,596	
790,749	720,874	639,314	555,245	487,179	362,142	484,663	
982,578	878,899	781,581	662,511	577,959	415,841	524,222	
1,116,989	992,026	887,938	755,219	661,261	487,102		
1,227,647	1,084,974	980,232	839,624	741,534	561,943		
1,499,098	1,318,188	1,201,839	1,036,446	922,934	719,253	The state of the s	1
1,733,292	1,517,318	1,397,090	1,214,164	1,091,482	875,800	861,503	
2,164,562	1,881,544	1,743,962	1,521,015	1,372,698	1,127,930		
2,470,045	2,187,578	1,934,534	1,702,774		1,267,444		
2,938,426	2,660,620	2,254,570	2,013,958	1,806,536	1,526,989		
3,887,852	3,579,969	2,891,580	2,607,588	2,328,213	1,992,868		
5,008,261	4,704,048	3,634,454	3,322,792	2,968,631	2,586,493		
6,010,189	5,738,491	4,219,509	3,882,169	3,433,631	3,013,457		
6,552,752	6,201,929	4,716,194	4,315,413	3,804,536	3,310,569		1
7,678,675	7,182,356		5,136,136	4,528,758	3,920,175		1
8,649,335	7,980,473	6,452,521	5,820,133	5,098,273	4,361,327		
9,388,985	8,548,131	7,118,931	6,364,232	5,542,199	4,688,559		•
10,235,849	9,190,568			6,006,395	5,008,022		
11,648,040	10,439,800	9,040,978		6,906,578	5,780,488		
11,907,300	10,663,492			7,163,389	6,025,337		
12,576,985	11,264,741	9,993,041		7,691,322	6,500,621		
13,253,071	11,843,162	10,617,036		8,190,163	6,953,292	200000	1
14,591,643	13,027,308		22.7	9,127,173	7,777,717		1
15,366,693	13,757,551	12,435,877			8,288,079		
16,329,415	14,664,934	51 096	101	10,495,657	8,997,791		
16,902,927	15,186,682			10,897,935	9,344,967		
17,708,509	15,919,228			11,469,431	9,844,185		
19,014,560	17,124,342	P1040000	Contract to Advance of the Contract of the Con		10,713,942	The Court of the C	1
20,191,395	17,954,844		The second secon	13,012,268	11,254,054		1
20,847,121	18,270,532	and the second s	-27,23	13,060,026	11,297,608	LODGE TO CHARLEST TO SEE SEEN	1
22,219,083	19,270,365		20.00	13,793,803	12,001,923		
23,146,369	19,870,634			14,246,622	12,467,851		
23,391,901	19,847,147	53 1,75		10 00 10	12,479,523	S 5	

62	63	64	Total
17,602	11,428	5,348	23,720,395
20,960	13,449	6,119	25,658,809
24,928	15,807	6,993	27,652,883
29,737	18,633	8,013	29,951,825
34,619	21,990	9,531	32,462,276
40,167	25,874	11,310	34,961,043
46,632	30,460	13,427	37,730,475
54,131	35,853	15,937	40,700,073
62,848	42,206	18,918	43,990,217
75,521	50,321	23,124	47,469,679
90,610	59,900	28,218	51,262,382
108,880	71,406	34,484	55,427,757
117,985	76,252	37,503	57,996,221
130,592	83,173	41,662	63,307,917
117,247	73,740	36,016	69,783,394
140,032	88,658	43,018	84,155,742
170,810	109,858	53,422	96,190,822
1			
187,482	122,487	59,694	102,411,485
219,521	144,201	69,733	122,995,392
247,355	162,309	76,461	135,961,003
278,295	183,199	84,421	146,827,045
347,014	229,097	103,239	178,080,829
413,079	273,805	120,789	202,409,700
512,087	339,127	145,764	252,923,811
578,912	383,516	168,356	289,359,749
716,397	477,881	215,616	331,395,500
946,231	632,597	292,035	431,732,791
1,261,313	849,069	402,871	553,380,713
1,464,748	983,450	475,206	658,245,175
1,592,681	1,073,277	525,931	673,135,508
1,884,491	1,278,466	637,209	748,876,408
2,055,759	1,395,644	703,403	805,025,137
2,171,198	1,475,969	752,671	848,473,627
2,256,397	1,531,180	787,668	883,467,445
2,613,745	1,761,176	895,291	984,266,192
2,743,461	1,837,528	924,049	1,003,451,273
2,979,129	1,983,153	986,404	1,037,604,688
3,204,206	2,119,265	1,042,295	1,076,777,926
3,596,187	2,361,608	1,147,706	1,154,131,673
3,885,262	2,563,032	1,254,416	1,194,192,870
4,315,203	2,867,842	1,417,525	1,249,120,858
4,528,342	3,019,899	1,501,676	1,285,315,847
4,829,416	3,233,862	1,618,757	1,350,749,234
5,350,183	3,603,489	1,818,859	1,442,220,842
5,610,156	3,772,659	1,899,729	1,517,369,082
5,547,563	3,708,902	1,855,466	1,578,041,004
5,899,892	3,941,873	1,969,105	1,656,787,193
6,135,218	4,096,321	2,043,193	1,690,798,109
6,125,856	4,082,778	2,031,199	1,697,482,410

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