This PDF is a selection from an out-of-print volume from the National Bureau of Economic Research

Volume Title: The Share of Top Wealth-Holders in National Wealth, 1922-56

Volume Author/Editor: Robert J. Lampman

Volume Publisher: UMI

Volume ISBN: 0-87014-073-6

Volume URL: http://www.nber.org/books/lamp62-1

Publication Date: 1962

Chapter Title: Characteristics of Top Wealth-Holders in 1953

Chapter Author: Robert J. Lampman
Chapter URL: http://www.nber.org/chapters/c2168

Chapter pages in book: (p. 84-134)

## CHAPTER 4

## Characteristics of Top Wealth-Holders in 1953

In 1953 there were, it is estimated by the estate-multiplier method using adjusted mortality rates, 1.6 million persons with $\$ 60,000$ or more of gross estate (unadjusted basic variant). This group, which comprised only 1 per cent of the total population and 1.6 per cent of the adult population, held over a quarter of all personally owned wealth and over half of the personally owned business assets in the nation. Ownership of such significant shares of wealth lends special interest to the personal characteristics of the top wealth-holders and the ways in which they differ from the rest of the population.

Only a limited range of basic socio-economic characteristics and some relationships among them can be derived from the data available. These characteristics are estate size, age, sex, marital status, family status, community property, state of residence, income, and occupation. The discussion throughout this chapter is in terms of basic variant estimates with no adjustment made for those returns with age unspecified.

## Estate Size

The personally owned wealth of the total population in 1953 amounted to about $\$ 1$ trillion. This means that the average gross estate for all 103 million adults was slightly less than $\$ 10,000$. The median would, of course, be considerably lower. In contrast, the top wealth-holder group had an average gross estate of $\$ 182,000$. The majority of this top group was clustered in estate sizes below that average. Of the 1.6 million top wealth-holders, over half had less than $\$ 125,000$ of gross estate and less than 2 per cent ( 27,000 persons) had more than $\$ 1$ million (Chart 6 and Table 34). (Tables 34 through 62 will be found at the end of this chapter.)

Men outnumbered women about two to one in the whole group, but there were more women than men with over $\$ 1.5$ million of gross estate. This is indicated by the crossing of the lines for males and females in Chart 6. The number of men and women in each broad

CHART 6
Persons with Gross Estates Greater Than Stated Amounts, by Sex, 1953


Source: Tables 24, 79, and 80.

CHART 7
Top Wealth-Holders, by Sex and Gross Estate Size; 1953


Source: Tables 79 and 80.
estate class is shown in Chart 7. It will be observed that there are roughly half as many women as men in each estate size, except for the lowest one where women are two-thirds of the group, and the highest one of $\$ 1$ million and over where they are four-fifths of the group.

While there were only small numbers of persons in the larger estate sizes, wealth was highly concentrated in those classes. The top 11 per cent of persons held about 45 per cent of the wealth of the
group, while the lower 50 per cent held only about 22 per cent (Table 34). ${ }^{1}$
Age

A leading characteristic of the top wealth-holders is that they are older than the rest of the adult population. Their median age in 1953 was 54 years, 52 for men and 57 for women. The median age of the total adult population in that year was 44 for men and 43 for women.

## CHART 8

Top Wealth-Holders, by Sex and Age Group, 1953


Source: Tables 72 and 73.
Within the top wealth-holder group, the 50 to 60 age bracket includes the largest number of both men and women (Chart 8 and Table 35). The numbers rise sharply from the under 30 bracket, which includes only 60,000 people, to the 40 to 50 group, with 383,000 . After age 60 the numbers fall off rapidly so that the 80 and over age group includes only 67,000 people. Women do not exceed

[^0]
## CHART 9

Hypothetical Number of Top Wealth-Holders Within Age Cohorts of 100,000 Starting at Age 20, by Sex


Source: Table 36.
men in number in any age bracket over 21, but almost equal them in the 80 and over bracket.

While top wealth-holders over 21 were only 1.6 per cent of the total adult population, about 3.5 per cent of men over 50 were top wealth-holders (Table 35). Interestingly, while the groups of men under age 60 show a rising trend in this percentage, there is no clear
trend across the age brackets beyond that age. That is, about 4 per cent of every age group of men above 55 are top wealth-holders. Among women, on the other hand, there is a constant rise in the percentage of the age group who are estate tax wealth-holders, from 0.9 per cent in the 40 to 50 bracket to 3.0 per cent in the 85 and over bracket.

The way in which age and mortality are interrelated with the number of top wealth-holders is illustrated by a hypothetical example in Table 36 and Chart 9. The example is based on 1953 mortality rates and 1953 numbers of wealth-holders. According to this table, if we start with 100,000 males aged 20 in 1953, the expected number of wealth-holders reaches an absolute peak of 3,038 at age 59. In that year the number of persons remaining in the cohort is 75,943 . From that age onward, the number of survivors and number of living top wealth-holders fall at approximately the same rate, so that at age 84 there are 467 wealth-holders and 11,978 persons left in the cohort. The number of female wealth-holders reaches a peak of 1,421 at age 64 , and exceeds the number of male wealth-holders from age 79 on.

## dISTRIBUTION OF ESTATE TAX WEALTH AMONG AGE GROUPS

Over half the number of top wealth-holders are found to be between 40 and 60 years of age. The age group 50 to 60 supplies the largest number of wealth-holders and the greatest share of aggregate gross estate in the ten-year interval age groups (Chart 10 and Table 37). ${ }^{2}$ The aggregate of gross estate is differently distributed among the age groups for men and women. There is a relatively high concentration of wealth in the 50 to 70 age brackets for men, and in the over 75 and 30 to 50 age brackets for women (Table 38). ${ }^{3}$

RELATIONSHIP BETWEEN AGE AND ESTATE SIZE FOR TOTAL POPULATION The Survey of Consumer Finances supplies us with information on the relationship between the age of spending unit heads and the wealthholdings of spending units for the total population. Age of head is

[^1]positively associated with median size of asset holdings from age 18 to 65 (Table 39). The age group 65 and over shows a sharp drop in median assets held and, correlatively, a rise in the number with less than $\$ 1,000$ in assets (Table 40). This suggests that the typical spending unit accumulates assets until the head is about 65 and then consumes assets, or at least drops in the asset ranking after 65. Studies of

CHART 10
Distribution of Top Wealth-Holders and Their Gross Estates, by Sex and Age Group, 1953


Source: Table 38.
the financial positions of spending units and of husband-wife families at different stages of the "life cycle" in general show that median net worth and home ownership tend to increase with age through the life cycle, but that family income and size tend to peak when the head of the family is around 45 (Tables 41 and 42).

Because of the high median age of the top wealth-holders, and

Princeton, 1956, p. 351). The only other years for which tables by age and sex are available are 1948, 1949, and 1950 (see Appendix Tables A-6 and A-9).
also because of the relatively greater need of older people for asset income due to the loss of present and future earning power, ${ }^{4}$ it is of interest to compare the economic position of top wealth-holders to that of the total aged population. Steiner and Dorfman found that income from assets accounted for 13 per cent of the total receipts of all persons over 65 in 1951; over half of total receipts was from earnings, 8 per cent from dissaving, 18 per cent from pensions, and 9 per cent from assistance. ${ }^{5}$ While more than 60 per cent of the aged couples and more than 30 per cent of the aged unrelated individuals in their survey owned their own homes free and clear in 1951, only 25 per cent of the aged couples received any income from assets. ${ }^{6}$ Less than 25 per cent of unrelated individuals received any income from assets. Steiner and Dorfman observe that "Asset income appears to have played two roles rather than one. For unrelated females, asset income was an important sole source of receipts and was, in total amount, the leading source. For couples, although asset income was frequently received, the amounts were often smaller, and it was important only as a second source of receipts." ${ }^{7}$

For more detail on the sources of receipts of the aged, see Table 43. A more direct comparison with the findings on the top wealthholder group is afforded by Table 44, which shows asset holdings of "aged economic units." While 78 per cent of such units had some assets (excluding owner-occupied houses and life insurance), only 42 per cent held assets of $\$ 3,000$ or more in value.

## RELATIONSHIP BETWEEN AGE AND ESTATE SIZE FOR TOP WEALTH-HOLDERS

Within the group of top wealth-holders the average size of gross estate increases with-age, but the progression is not regular (Table 45 and Chart 1$).{ }^{8}$ For both sexes combined, there is a clear rise in average estate after age 50 , but not before. For men alone, however, there is a much clearer association with age than for both sexes combined. Here

[^2]the progression is very regular from age 30 onward. The greater irregularity is found for women.

A similar, rather limited association between age and estate size is found by computing the median age for each estate size. Among men the median age rises only for the gross estate sizes of $\$ 300,000$ and over, but there is, nonetheless, an over-all positive association. Women's median ages, however, show no such association (Table 46 and Chart

CHART 11
Median Age of Top Wealth-Holders, by Sex and Gross Estate Size, 1953


Source: Table 46.
11). Nor does any association appear when the women in the community property states are considered separately from those in noncommunity property states, as shown in the same table.

In order to get more insight into the relationship between age and estate size, it is useful to look into the distribution of persons by estate size within age groups and the distribution of persons by age within estate size groups. Further, to limit the number of variables at work, it is reasonable to consider only men in non-community property states. We would expect there to be a clearer positive relationship between
age and estate size for men than for women, since inheritance is doubtless less important for men than for women.

Looking first at the distribution by estate size within age groups, we find no rise in median estate size across the age groups (Table 47, bottom line). The median is, of course, less sensitive to changes in the higher estate sizes than the mean average, but it is also less given to


Source: Table 47.
large sampling errors. In Table 45 the range of difference in mean gross estate by age should be interpreted with caution since the standard error of the mean of each age-sex group is quite large. However, the general nature of the association between advanced age and size of estate is apparent in the general diagonal that runs from the top left to the bottom right of Table 47. Only in the highest age groups do persons with the largest estate sizes appear. This slant is interpreted in Chart 12. A similar kind of slant appears when the same data are
turned around to represent a distribution by age within gross estate classes (Table 48 and Chart 13). Here the most striking point is that no younger persons appear in some of the larger estate sizes. The reader is cautioned against interpreting a finding of this kind in too literal a fashion, since all the data are derived from the sampling-bydeath process and a range of error attaches to each number of each

CHART 13
Distribution of Male Top Wealth-Holders by Age Group Within Four Gross Estate Sizes, Non-Community Property States, 1953


Source: Table 48.
cell, even if that number is zero. Equally important as the absence of younger persons in the higher estate classes is the fact that about the same percentage of all age groups are found in the smaller estate sizes. This suggests that people enter the top wealth-holder group at all ages and also that they may enter the group-presumably by inheritance, gift, or other sudden increase in assets-at a relatively high estate class. The fact that the top wealth-holder group is open at the bottom and at the "sides" explains the finding that while the median estate rises
with age up to 65 years for all spending units, it does not so rise within the top wealth-holder group. This means that the top wealth-holder data cannot shed any new light on the process of accumulation of wealth up to a certain age, nor on the process of consumption or division of assets after a certain age.

CHART 14

## Lorenz Curves of Wealth Among Male Top Wealth-Holders

 in Three Age Groups, Non-Community Property States, 1953

Source: Tables 47 and 48 and NBER worksheets.
We can, however, add some information on how median age changes by estate size. According to the Survey of Consumer Finances, the median age of the heads of spending units rises from 33 at the lowest positive net worth group to 53 for the $\$ 25,000$ and over group. In the top wealth-holder group, the median age of men holds constant at 52 to 53 for gross estate sizes ranging from $\$ 60,000$ up to $\$ 300,000$.

After $\$ 300,000$, the median age rises to age 73 for the largest estate sizes (Chart 11). Hence, it seems to be generally true that the representative richer person is older than the representative person with less wealth.

CHART 15
Lorenz Curves of Wealth Among Female Top Wealth-Holders in Three Age Groups, Non-Community Property States, 1953


Source: NBER worksheets.
Among the top wealth-holders wealth is distributed in such a way that there is in general less inequality among younger age groups than among older age groups (Charts 14 and 15). This is true both for men and women, with the exception of the younger women who appear to have the most unequal distribution of all.

## Sex

Women comprised one-third of all top wealth-holders and held about 40 per cent of the gross estate of the group in 1953 (Table 38). They
held a slightly higher share ( 41.8 per cent) of economic estate, or gross estate less liabilities. ${ }^{9}$ The median age of women top wealthholders is 56 compared to 52 years for men. Also, 12 per cent of the females in this group are over 75 years of age compared to only 7 per cent of the males (Table 38). Wealth is distributed more unequally among women top wealth-holders than among men (Chart 16).

CHART 16<br>Lorenz Curves of Wealth Among Top Wealth-Holders, by Sex, 1953



Source: Table 49.
Women top wealth-holders had a higher average estate than men, the respective averages being $\$ 220,500$ and $\$ 162,372$ (Table 49). On the other hand, however, men had a higher median gross estate
${ }^{9}$ Woman's share in the total wealth variant would probably be higher. If we arbitrarily assign to women three-fourths of the property in personal trust funds and 20 per cent of the pension, retirement, and annuity funds, their share would then be 42 per cent of the total wealth variant of top gross estate. Women have $\$ 54$ billion of corporate stock in the basic variant; men, $\$ 63$ billion. Women would probably have slightly more corporate stock than men in the total wealth variant.
and there are only a few age groups in which women had higher average estates than men (Table 38). Out of twelve age groups, women have higher averages in only four. Three of the four cases are in age groups under 50 . This suggests that women must have an over-all average gross estate larger than that of men because they are more concentrated in a few age groups with relatively high average gross estate. Thinking along this line, one is struck (in Table 38) by the extraordinary and erratic divergence of the average gross estate and percentage of aggregate gross estate between the sexes in the younger age brackets. It is altogether possible that this divergence is in some part a "sampling error." The numbers in the original sample in the age groups under 50 are so small that one unusual case of a very large estate size would seriously affect the average for the group. In the 30 to 40 age group, for example, there were only 300 decedents, of whom fifty-seven were women. Under 30 years of age, there were only fifty-two decedents, of whom ten were women.

Hence, a part of the finding that women have a larger average gross estate than men may arise from a peculiar or unrepresentative draw of very rich younger women. Considering only the age groups above 50 for both men and women (that is, leaving out the four lowest age groups entirely) yields the entirely different result of a higher average gross estate for men than for women, $\$ 175,000$ for men and $\$ 156,000$ for women.

It appears that the 1953 sample of women decedents is somewhat atypical. The only other recent years for which age, sex, and estate size data are available are 1948, 1949, and 1950 (Appendix A). In each of those years the men top wealth-holders had a higher median estate than the women. This was also true in 1922. Women had a higher average estate size than men in 1922 and 1950, but about the same in 1948 and 1949. Women's share of top wealth was higher in 1953 than in any previous year, although this has been gradually increasing over time, so it is hard to say how representative the 40 per cent figure for that year is. As for the association of age and estate size, the 1948, 1949, and 1950 data seem to confirm the presence of an extraordinarily rich group of younger women. In 1948, women have a higher average estate in three out of four age groups under 50; in 1949, in two age groups; and in 1950, in all four age groups (Appendix Table A-6).

It is concluded that the 1953 results comparing men and women are not altogether representative and that the representative dif-
ferences in average estate size (and particularly the differences by age groups) are probably not as great as shown in Chart 1 and Table 45. This leaves quite unexplained the intriguing puzzle of where the rich younger women come from and what happens to their wealth as they approach middle age.

## Marital Status

Of the 1953 top wealth-holders 72 per cent were married, 16 per cent were widowers or widows, 3 per cent were divorced or separated, and 9 per cent were unmarried (Table 50 and Chart 17). (The

CHART 17
Top Wealth-Holders, by Sex and Marital Status, 1953


Source: Table 50.
derivation of these estimates is explained in Appendix Table A-12.) As would be expected, the distribution by marital status is not the same for men and women. About 85 per cent of the men in the group are married, while only about half of the women are married. (It is
shown below that a disproportionate number of these married women are from community property states.) While an insignificant number of the men are widowers, over a third of the women are widows. Also as would be expected, most of the married top wealth-holders are found in the younger and middle age groups, and the widowers and widows are concentrated in the older age groups (Table 51).

Comparing this distribution with that for the total population yields the interesting result that the wealth-holders form a larger part of the widow and widower population than of any other marital status group ( 3.1 per cent for males and 2.6 per cent for females). They are also a relatively large part ( 2.3 per cent) of the married male group. Divorced and separated persons are considerably underrepresented in the wealth-holder group. Single persons are underrepresented also, but only at the younger ages (Table 51).

## Families Among Top Wealth-Holders

How does the number of top wealth-holders estimated by using the individual as the wealth-holding unit differ from the number of units with $\$ 60,000$ or more that would be derived by using the family (husband, wife, and minor children) as the wealth-holding unit? We cannot fully answer this question, but we can make a rough estimate of how many families are represented by two or more persons among the top wealth-holders. We start with the proposition that the 1.6 million top wealth-holders is a full count of all the individuals with $\$ 60,000$ or more of gross estate.

To set a minium limit to the number of "families" that could be represented by the top wealth-holders, let us first note that $1,160,298$ of them are married. There may, however, be two of these in one family. This overlap cannot exceed the number of married females, which is 281,735 . Adding to this the total number of top wealthholders under 21 (assuming that none of this group is the head of a family), which is 12,222 , yields a total of 293,957, which is the maximum possible overlap in the total of 1.6 million. Hence the number of families, including single persons, must range upward from a minimum of 1.3 million. The minimum estimate, thus, is based on the assumption that the husband of every female top wealth-holder is also a top wealth-holder and that every minor wealth-holder has one, but not more than one, parent or minor sibling who is also a top wealth-holder.

Some unknown number of families who have one wealth-holder
with $\$ 60,000$ or more have a second person with less than $\$ 60,000$ of gross estate. Further, some unknown number who have two or more persons holding less than $\$ 60,000$ each will have combined holdings of $\$ 60,000$ or more.

The total number of "married couples, other family groups, and persons living alone" in 1953 was $57,090,000$. Our minimum estimate of the number of such units with $\$ 60,000$ or more of gross estate was 1.3 million, which is 2.3 per cent of the national total. The national total of married couples was 37.1 million, while our minimum estimate of married couples with $\$ 60,000$ and over, which is the same as the number of married males, is 876,646 . The latter is 2.4 per cent of the national total.

The Survey of Consumer Finances uses the "spending unit" as the income-receiving and wealth-holding unit. The spending unit, which is defined as a group of persons living alone and pooling their incomes, is not in all cases the same as a family by the Census definition. In 1953, the Survey found 3 per cent of spending units had $\$ 60,000$ or more of total assets. This compares closely with our minimum estimate of 2.3 per cent of families and other households.

## Community Property

The community property states are eight in number: Arizona, California, Idaho, Louisiana, Nevada, New Mexico, Texas, and Washington. In 1953 these states contained 17.9 per cent of the total national population and received 18.1 per cent of the personal income payments. They were represented on 6,160 (or 16.7 per cent) of the estate tax returns of that year out of a total of 36,699 . The amount of gross estate reported on those returns came to $\$ 1.2$ billion (or 16.2 per cent) out of the national total of $\$ 7.4$ billion. When the data on these returns are blown up to represent the living population, we find that the community property states have 18.7 per cent of the top wealth-holders and 18.5 per cent of the estate tax wealth. Therefore, it would seem that these states are not underrepresented in either the number of wealth-holders or the amount of estate tax wealth.

However, the community property states, considered as a group, have a per capita income rank somewhat above the middle of all states (eighteenth among the forty non-community property states), so it would perhaps be reasonable to predict that they would have more than 18 per cent of the top wealth-holders. In relating the share of estate tax returns for four years to the share of total personal
income payments, we find that the ratio for community property states ( 0.95 ) is somewhat below the national ratio of 1.00 (Table 52). This does not appear to be strong enough evidence, however, to change our first conclusion that community property states are not underrepresented in the top wealth-holder group. ${ }^{10}$

This finding is rather puzzling since community law provides for the "compulsory splitting" of property between spouses. (More precisely, this division applies only to property acquired after marriage.) Hence, we would expect that relatively more estates would be split out of the $\$ 60,000$ and over group and the average size of estate would be smaller than in the common law states where such splitting is not automatic but can be accomplished only by actually making a gift.

The importance of this consideration can be seen in the fact that 51.4 per cent of the male top wealth-holders in non-community property states have estates under $\$ 120,000$ (Table 54). Appendix Table A-12 suggests that 85 per cent of male top wealth-holders in these states are married. This means that 401,426 out of the 918,805 male top wealth-holders in non-community property states would not be top wealth-holders if those states had the institution of community property. By the same token, about 20 per cent of the wealth would not be counted.

The unexpectedly large number of top wealth-holders in community states is related to the striking difference in the proportion of women found in the two groups. It will be recalled that men outnumber women in the estimated total of top wealth-holders by about two to one. However, there are considerably fewer men (about one and a half) per woman among the top wealth-holders in the community property states. More specifically, women make up 41 per cent of the top wealth-holders in community property states and only 29 per cent in non-community property states (Table 53). Also a disproportionate number of the married females are from community property states (see Appendix Table A-12).

The higher frequency of women wealth-holders in community property states may be explained by two considerations. First, under community property law, a woman who predeceases her husband has to file the amount of one-half the marital estate, which is not normally the case in a common law state. Secondly, in community property states, a husband who predeceases his wife cannot place his

[^3]wife's share of the community property in a life estate and thereby avoid filing an estate tax at time of the wife's subsequent death, as is often the case with property transferred to wives at time of death in common law states. ${ }^{11}$

It is also possible that there is a radically different ratio of wealth to income before taxes in the two groups of states and that a husbandwife wealth distribution would show many more top wealth-holding units in community property than in non-community property states. This possibility is enhanced by the favorable treatment before 1948 of community property states under personal income tax law and the continued favorable treatment of mineral resources under the depletion provisions. The latter has special significance here since the community property states include several states that lead in oil production and mining.

Tables 53 and 54 present comparative data for the two groups of states. The women top wealth-holders in community property states are younger, with a median age of 54 , than those in common law states. The men in the former states, however, are slightly older, with median ages of 54 and 52 , respectively.

While the average gross estate is larger for women than for men in both groups of states, the difference by sex is more marked in the common law states, as would be expected from the greater age difference in these states. In the common law states the average is $\$ 161,000$ for men and $\$ 231,000$ for women; in the community property states it is $\$ 167,000$ for men and $\$ 196,000$ for women. A comparison of the distributions of wealth by size shows little difference in inequality for men in the two groups of states (Table 54 and Charts 18 and 19). For women, however, there is a clear difference, with greater inequality in the common law states. This occurs, in large part, because while 25 per cent of the aggregate gross estate of women is in gross estate sizes of over $\$ 5$ million in the common law states, there is no wealth in those estate sizes for women in the community property states. The possibility that sampling error causes this result is, of course, to be borne in mind in interpreting the charts.

[^4]The composition of estates held by women is much more like that of men's estates in the community property states than in the common law states (Table 55).

What we find, then, is that in community property states, as opposed to common law states, women top wealth-holders are nearer

CHART 18
Lorenz Curves of Wealth Among Male Top Wealth-Holders, Community Property and Common Law States, 1953


Source: Table 54.
in age to men wealth-holders; the average size of their estates is closer to that of men's, and the composition of their estates is more similar to that of men's. All this is consistent with the idea that property is split without actual gift in the community property states and that there is consequently less splitting in common law states.

CHART 19

## Lorenz Curves of Wealth Among Female Top Wealth-Holders,

 Community Property and Common Law States, 1953

Source: Table 54.

## State and Region of Residence

Unfortunately we do not have age and sex information for estate tax returns by state so the estate-multiplier method cannot be applied. It is probable that somewhat different results would follow from the multiplying process since mortality does differ by state and since the sex composition of decedent wealth-holders also differs by state. Further, only gross estate on taxable returns is classified by state. Hence the following findings should be treated with caution. In order to limit the error, the estate tax returns by state were combined for the last four years for which they were available: 1949, 1950, 1953, and 1954. Hence, in the following tables, meaning attaches only to the
position of one state relative to another and not to the absolute sums shown, except where they are averaged.

The largest numbers of decedent estate tax wealth-holders are reported, as would be expected, in the regions with the largest populations and the largest aggregate income. Over half of the total returns over the four-year period were from the Central and Middle East regions of the country (Chart 20).


Source: Table 57.
It is also quite clear that there is some association between per capita income rank and number of returns per thousand of the population. The low per capita income regions, the Southeast and the Southwest, are considerably underrepresented in the number of returns and gross estate (see Table 56, cols. 10 and 11).

Among the higher per capita income regions, the Northwest and New England appear to be overrepresented, but the Central region is
lower than its per capita income rank would lead us to expect. The relationship between the share of gross estate and the share of total income payments is exceptionally high for New England and relatively low for the Central and Far West regions.

Table 57 is set up to show the relationship of each state's population and income payments to the number of its estate tax returns and the total gross estate on them. Column 9 shows the ratio, by state, of the share of estate tax returns to the share of population. Iowa is the leading state in this measure, with 2.17 times as many returns as its share of the nation's population would predict. Mississippi and South Carolina are the lowest, with ratios of 0.36 .

Column 10 shows the ratio of the share of gross estate on taxable returns to the share of income payments for each state. Delaware has twice as much gross estate as its share of income payments would predict, while Utah has only one-quarter as much as predicted by its share of income payments.

Many of these variations can be explained by per capita income rank, with the estate tax data magnifying the differences. The strong position of all the New England states, however, seems to be due to more than high income rank. A plausible explanation is the past high income rank of the region and the maintenance of an entrenched wealth position by some New England families. This region has the second highest per capita property income rank (Table 56, col. 5). The failure of some of the Central states, notably Michigan, Ohio, and Indiana, to turn up their share of gross estate is hard to explain in view of their high per capita income rank and high per capita property income rank. In the Northwest, Kansas and Nebraska have more than their share of gross estate. In the Far West, Washington-a high per capita income state-shows considerably less gross estate than its share of income payments and per capita income rank would predict. Some of these variations may be explained by differences in the industrial and occupational composition of the work force in these states. Some industries have a higher capital to income ratio than others. The fact that Iowa has more wealth-holders than predicted may be due to the high capital to income ratio in agriculture.

## Income and Savings

The Survey of Consumer Finances provides evidence of a strong association between level of income and size of asset holding. Of particular interest to this study is their finding that 62 per cent of those
spending units with assets of $\$ 60,000$ or more have annual incomes of $\$ 7,500$ and over (Table 58). At the same time, however, only 33 per cent of those with incomes of $\$ 7,500$ or more have total assets of $\$ 60,000$ or more (Appendix Table A-14). The median size of asset holdings for this top income group is $\$ 43,800$. Of the group with assets over $\$ 60,000,66$ per cent saved at least $\$ 1,000$ in 1949. On the other hand, 20 per cent of them dissaved during the year. Of those who saved at least $\$ 2,000,89$ per cent were in the top three asset classes (Appendix Tables A-15 and A-16).

The association of high income and larger wealth-holding is also indicated by the concentration of property income in the higher income groups. The relatively great importance of property income for the top percentiles of persons when ranked by per capita income is shown in the two tables reproduced here from Kuznets' work. Table 59 shows that while "property income" (in this case rent, interest, and dividends) is 15.8 per cent of the income of the total population, it is 48.7 per cent of the income of the top 1 per cent. Table 60 shows that this top 1 per cent received 40 per cent of the national total of property income.

Kuznets calculated that eliminating all property income would reduce the top percentile's share of total income from 13.1 to 8.1 per cent, and the top 5 per cent's share from 24.7 to 19.2. Redistributing property income equally would yield shares of 7.0 and 16.9 per cent for the top 1 per cent and the top 5 per cent, respectively. ${ }^{12}$

Income receipt and wealth-holding are, of course, causally interrelated in that wealth accumulation arises out of income and wealth yields income. One way to express the relationship at a given moment in time is by the wealth-income ratio. In the United States the wealth of all persons in recent years has been about three and a half times the income of all persons. However, this ratio varies by income level, with the highest ratios in the lowest and highest income groups. For the top income groups of $\$ 7,500$ or more, the ratio was 5.5 in 1949 (Table 61). These ratios are, of course, primarily determined by the share of property income in total income.

## Occupation

All studies of income status emphasize the importance of occupation as a leading determinant of income. It is true, of course, that occupa-

[^5]tion is interrelated with other variables such as age, sex, race, education, and place of residence, so that it cannot be considered the most fundamental determinant. However, a Census study for 1952 came up with a typical result. Of the upper 2 per cent of income recipients, almost three-fourths were either independent professionals, businessmen, or managerial workers. About one-tenth were farmers. ${ }^{13}$

Survey of Consumer Finances data reveal a similar relationship between occupation and size of total assets. The occupational groups which are overrepresented in the highest asset classes are the self-employed, the retired, farm operators, the professional and semiprofessional, and the managerial groups. The self-employed group shows the highest average and median, with 73 per cent of the group having assets over $\$ 10,000$ (Table 62).

TABLE 34
Percentage Distribution of Estate Tax Wealth-Holders and Basic Variant Aggregate Gross Estate by Gross Estate Size, 1953

| Gross Estate Size <br> (thous. dollars) | Wealth-Holders | Aggregate Gross Estate |
| :--- | :---: | ---: |
| 60 to 70 | 10.90 | 3.6 |
| 70 to 80 | 10.63 | 4.0 |
| 80 to 90 | 10.47 | 4.4 |
| 90 to 100 | 9.12 | 4.3 |
| 100 to 120 | 13.52 | 7.3 |
| 120 to 150 | 13.02 | 8.5 |
| 150 to 200 | 11.20 | 9.5 |
| 200 to 300 | 10.10 | 12.1 |
| 300 to 500 | 6.09 | 11.8 |
| 500 to 1,000 | 3.07 | 11.0 |
| 1,000 to 2,000 | 1.17 | 8.3 |
| 2,000 to 3,000 | 0.24 | 3.3 |
| 3.000 to 5,000 | 0.14 | 2.8 |
| 5,000 to 10,000 | 0.09 | 4.3 |
| 10,000 and over | 0.04 | 4.9 |
| All sizes | 100.00 | 100.0 |

[^6]TOP WEALTH-HOLDERS IN 1953
TABLE 35

| Age Group | Total Population |  |  | Top Wealth-Holders |  |  | Top Wealth-Holders as a Percentage of Total Population |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Both Sexes | Male | Female | Both Sexes | Male | Female | Both Sexes | Male | Female |
| Under $21{ }^{\text {b }}$ | 56,242,000 | 28,633,000 | 27,609,000 | 12,410 | 5,582 | 6,828 | - | - | - |
| 21 to 30 ${ }^{\text {b }}$ | 23,169,000 | 11,513,000 | 11,658,000 | 47,476 | 31,258 | 16,218 | 0.2 | 0.3 | 0.1 |
| 30 to 40 | 23,641,000 | 11,599,000 | 12,042,000 | 193,973 | 139,546 | 54,427 | 0.8 | 1.2 | 0.4 |
| 40 to 50 | 20,594,000 | 10,185,000 | 10,409,000 | 383,200 | 277,976 | 105,224 | 1.9 | 2.7 | 0.9 |
| 50 to 55 | 8,696,000 | 4,306,000 | 4,390,000 | 219,936 | 151,826 | 68,110 | 2.5 | 3.5 | 1.5 |
| 55 to 60 | 7,506,000 | 3,703,000 | 3,803,000 | 206,152 | 142,895 | 63,257 | 2.7 | 4.0 | 1.7 |
| 60 to 65 | 6,457,000 | 3,181,000 | 3,275,000 | 188,074 | 127,266 | 60,808 | 2.9 | 4.0 | 1.8 |
| 65 to 70 | 5,181,000 | 2,516,000 | 2,665,000 | 152,033 | 97,124 | 54,909 | 2.9 | 3.9 | 2.0 |
| 70 to 75 | 3,851,000 | 1,801,000 | 2,050,000 | 113.419 | 66,982 | 46,437 | 2.9 | 3.7 | 2.2 |
| 75 to 80 | 2,334,000 | 1,071,000 | 1,263,000 | 74,752 | 41,306 | 33,446 | 3.2 | 3.9 | 2.6 |
| 80 to 85 | 1,247,000 | 554,000 | 693,000 | 41,293 | 21,211 | 20,082 | 3.3 | 3.8 | 2.8 |
| 85 and over | 711,000 | 294,000 | 417,000 | 26,080 | 13,396 | 12,684 | 3.6 | 4.6 | 3.0 |
| 20 and over | 103,387,000 | 50,721,000 | 52,665,000 | 1,658,795 ${ }^{\circ}$ | 1,116,369 ${ }^{\circ}$ | 542,426 ${ }^{\circ}$ | 1.60 | 2.20 | 1.02 |
| All ages | 159,629,000 | 79,354,000 | 80,274,000 | 1,658,795 | 1,116,369 ${ }^{\circ}$ | 542,426 ${ }^{\circ}$ | 1.04 | 1.41 | 0.67 |

[^7]TABLE 36
Hypothetical Number of Top Wealth-Holders Within Age Cohorts of 100,000 Starting at Age 20, by Sex

| Age | Numbers of <br> Persons Remaining in Cohort Starting with 100,000 Males at Age 20 <br> (1) | Top WealthHolders Within Male Cohort (2) | Number of Persons Remaining in Cohort Starting with 100,000 Females at Age 20 (3) | Top WealthHolders Within Female Cohort |
| :---: | :---: | :---: | :---: | :---: |
| 24 | 98,953 | 297 | 99,600 | 100 |
| 29 | 98,016 | 294 | 99,103 | 100 |
| 34 | 96,942 | 1,163 | 98,441 | 394 |
| 39 | 95,447 | 1,145 | 97,382 | 390 |
| 44 | 93,085 | 2,606 | 95,882 | 863 |
| 49 | 89,375 | 2,502 | 93,650 | 843 |
| 54 | 83,757 | 3,015 | 90,280 | 1,354 |
| 59 | 75,943 | 3,038 | 85,639 | 1,370 |
| 64 | 65,483 | 2,685 | 78,923 | 1,421 |
| 69 | 52,673 | 2,107 | 69,076 | 1,382 |
| 74 | 39,028 | 1,483 | 56,411 | 1,241 |
| 79 | 24,381 | 975 | 39,711 | 1,032 |
| 84 | 11,978 | 467 | 22,088 | 618 |
| 85 and over | 4,029 | 189 | 8,196 | 246 |

Source: Cols. 1 and 3 based on 1953 mortality experience; cols. 2 and 4 estimated from Table 35.

TABLE 37
Percentage Distribution of Estate Tax Wealth and Wealth-Holders by Age Group, 1944 and 1953

| Age Group | Number of Wealth-Holders |  | Total Gross Estate | Average Gross Estate (dollars) |
| :---: | :---: | :---: | :---: | :---: |
|  |  | 1944 |  |  |
| Total | 876,442 |  | \$149.6 bill. | 172,000 |
| Under 30 | $3.2 \%$ |  | 2.6\% |  |
| 21 to 30 |  |  |  | 140,000 |
| 30 to 40 | 16.2 |  | 13.5 | 143,000 |
| 40 to 50 | 24.4 |  | 20.8 | 147,000 |
| 50 to 55 | 13.8 |  | 13.0 | 162,000 |
| 55 to 60 | 11.5 |  | 11.4 | 171,000 |
| 60 to 65 | 9.8 |  | 11.0 | 194,000 |
| 65 to 70 | 8.5 |  | 11.2 | 228,000 |
| 70 to 75 | 6.2 |  | 7.6 | 214,000 |
| 75 to 80 | 3.8 |  | 5.3 | 239,000 |
| 80 to 85 | 1.7 |  | 2.3 | 225,000 |
| 85 and over | 0.9 |  | 1.3 | 242,000 |
|  |  | 1953 |  |  |
| Total | 1,609,538 |  | \$292.8 bill. | 182,002 |
| Under 21 | . $8 \%$ |  | . $8 \%$ | 189,397 |
| 21 to 30 | 2.91 |  | 2.7 | 166,809 |
| 30 to 40 | 9.7 |  | 12.4 | 232,257 |
| 40 to 50 | 23.0 |  | 23.1 | 182,975 |
| 50 to 55 | 13.3 |  | 11.3 | 155,185 |
| 55 to 60 | 12.4 |  | 11.2 | 164,188 |
| 60 to 65 | 11.3 |  | 11.1 | 178,071 |
| 65 to 70 | 9.2 |  | 9.6 | 190,245 |
| 70 to 75 | 6.9 |  | 7.7 | 205,356 |
| 75 to 80 | 4.6 |  | 5.1 | 201,520 |
| 80 to 85 | 2.5 |  | 3.1 | 220,550 |
| 85 and over | 1.6 |  | 1.9 | 222,705 |

Source: For 1944, Mendershausen in R. W. Goldsmith, A Study of Saving in the United States, III, Princeton, 1956, Tables E-58 and E-59.

TABLE 38
Percentage Distribution of Estate Tax Wealth and Wealth-Holders by Sex and Age Group, 1953

| Age Group | Number of Wealth-Holders | Total Gross Estate | Average Gross Estate (dollars) | Median Age (years) |
| :---: | :---: | :---: | :---: | :---: |
| Total | 1,084,06 | males <br> $\$ 176.0$ bill | 162,372 | 52 |
| Under 21 | . $5 \%$ | . $4 \%$ | 136,969 |  |
| 21 to 30 | 2.8 | 3.6 | 203,554 |  |
| 30 to 40 | 12.5 | 8.1 | 104,902 |  |
| 40 to 50 | 24.9 | 21.8 | 142,667 |  |
| 50 to 55 | 13.6 | 13.0 | 155,240 |  |
| 55 to 60 | 12.8 | 13.1 | 165,912 |  |
| 60 to 65 | 11.4 | 12.7 | 181,063 |  |
| 65 to 70 | 8.7 | 10.5 | 196,600 |  |
| 70 to 75 | 6.0 | 7.6 | 206,820 |  |
| 75 to 80 | 3.7 | 4.8 | 209,558 |  |
| 80 to 85 | 1.9 | 2.6 | 219,581 |  |
| 85 and over | 1.2 | 1.7 | 239,482 |  |
|  |  | females |  |  |
| Total | 525,472 | \$116.9 bill. | 220,500 | 56 |
| Under 21 | 1.3\% | 1.3\% | 233,080 |  |
| 21 to 30 | 3.0 | 1.3 | 96,000 |  |
| 30 to 40 | 9.9 | 19.0 | 429,610 |  |
| 40 to 50 | 19.1 | 25.0 | 291,185 |  |
| 50 to 55 | 12.5 | 8.7 | 155,060 |  |
| 55 to 60 | 11.6 | 8.4 | 160,270 |  |
| 60 to 65 | 11.2 | 8.7 | 171,800 |  |
| 65 to 70 | 10.2 | 8.2 | 179,049 |  |
| 70 to 75 | 8.7 | 7.9 | 203,264 |  |
| 75 to 80 | 6.3 | 5.5 | 191,770 |  |
| 80 to 85 | 3.8 | 3.7 | 221,581 |  |
| 85 and over | 2.4 | 2.2 | 206,061 |  |

TABLE 39
Distribution of Selected Balance Sheet Items by Age Group, 1950

| Age Group | Median Total Assets (dollars) | Per Cent of Total Item |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Total Assets | Net Worth | $\begin{gathered} 1949 \\ \text { Income } \end{gathered}$ |
| 18 to 25 | 550 | 2 | 1 | 7 |
| 25 to 35 | 2,500 | 11 | 9 | 23 |
| 35 to 45 | 5,500 | 21 | 20 | 26 |
| 45 to 55 | 6,500 | 25 | 26 | 22 |
| 55 to 65 | 9,800 | 24 | 25 | 15 |
| 65 and over | 6,200 | 16 | 18 | 7 |
| Not ascertained |  | 1 | 1 | - |
| All ages |  | 100 | 100 | 100 |

Source: Goldsmith, Saving in U.S., III, Tables W-52 and W-61.

TABLE 40
Distribution of Spending Units by Total Assets Within Age Groups, 1950 (per cent)

| Age Group of Head of Spending Unit | All Cases (1) | Total Assets (dollars) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Zero <br> (2) | $\begin{gathered} 100 \\ \text { to } \\ 500 \\ (3) \end{gathered}$ | $\begin{gathered} 500 \\ \text { to } \\ 1,000 \\ (4) \end{gathered}$ | $\begin{gathered} 1,000 \\ \text { to } \\ 2,000 \\ (5) \end{gathered}$ | $\begin{gathered} 2,000 \\ \text { to } \\ 5,000 \\ (6) \end{gathered}$ | $\begin{gathered} 5,000 \\ \text { to } \\ 10,000 \\ (7) \end{gathered}$ | $\begin{gathered} 10,000 \\ \text { to } \\ 25,000 \\ \text { (8) } \end{gathered}$ | $\begin{gathered} 25,000 \\ \text { to } \\ 60,000 \\ \text { (9) } \end{gathered}$ | $\begin{aligned} & 60,000 \\ & \text { and } \\ & \text { over } \\ & (10) \end{aligned}$ |
| 18 to 25 | 100 | 19 | 28 | 17 | 16 | 11 | 5 | 3 | 1 | a |
| 25 to 35 | 100 | 7 | 15 | 11 | 13 | 19 | 16 | 16 | 2 | 1 |
| 35 to 45 | 100 | 4 | 8 | 7 | 10 | 18 | 19 | 23 | 10 | 1 |
| 45 to 55 | 100 | 4 | 3 | 4 | 7 | 16 | 20 | 31 | 11 | 4 |
| 55 to 65 | 100 | 6 | 4 | 4 | 6 | 13 | 18 | 32 | 12 | 5 |
| 65 and over | 100 | 11 | 6 | 5 | 5 | 11 | 19 | 26 | 11 | 6 |
| All spending units | 100 | 7 | 10 | 8 | 10 | 15 | 17 | 22 | 8 | 3 |

Source: Goldsmith, Saving in U.S., III, Table W-61.
${ }^{2}$ No cases reported or less than 0.5 per cent.

TABLE 41
Selected Data on Life Cycle of Husband-Wife Familes

| Median <br> Age of <br> Husband | Mean Size of <br> Family, 1953 | PART A <br> Median Family <br> Income, 1950 <br> (dollars) ${ }^{\mathrm{b}}$ | Percentage of Home- <br> Owners in Husband- <br> Wife Families, 1950 |
| :--- | :---: | :---: | :---: |
| Under 30 | 3.07 |  | 38.6 |
| 30 | 3.89 | 3,099 |  |
| 40 | 4.21 | 3,545 | 56.0 |
| 50 | 3.63 | 3,506 | 63.8 |
| 55 | 2.97 | 1,721 | 69.8 |
| 60 | 2.67 |  | 72.5 |

PART B

| Stage of Life <br> Cycle of Family, 1950 | Median Age <br> of Husband |
| :---: | :---: |


| First marriage | 23 |
| :--- | :--- |
| Birth of last child | 29 |
| Marriage of last child | 50 |
| Death of one spouse | 64 |
| Death of other spouse | 72 |

[^8]TABLE 42
Data on Income, Assets, and Net Worth: Positions of Spending Units at Different Stages of Life Cycle in 1953

|  | All Spending Units | Young Single | Young Married, Childless | Young <br> Married, <br> Youngest <br> Child <br> Under 6 | Young <br> Married, <br> Youngest <br> Child <br> 6 or over | Older Married, (over 45) with Children | Older Married (over 45), No Children Under 18 | Older Single | Others |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Median Income, 1953 (\$) | 3,800 | 2,600 | 4,800 | 4,300 | 5,000 | 4,300 | 3,900 | 1,700 | 2,700 |
| Percentage of units with income over $\$ 4,000$ in 1953 | 47 | 18 | 65 | 60 | 72 | 60 | 49 | 21 | 23 |
| Percentage of families where wife had wage or salary income | 21 | - | 63 | 23 | 38 | 24 | 23 | - | - |
| Percentage receiving transfer payments | 22 | 13 | 16 | 18 | - | 14 | 24 | 38 | 50 |
| Percentage receiving interest, dividends, trust funds, or royalties of $\$ 100$ or more | 7 | 2 | 4 | 4 | - | 8 | 15 | 11 | 2 |
| Median liquid assets (\$) | 350 | 190 | 400 | 180 | 410 | 590 | 1,020 | 760 | - |
| Median face value of life insurance (\$) | - | 1,800 | 4,700 | 4,600 | 4,600 | 4,600 | 1,700 | 1,300 | - |
| Median net worth (\$) | 4,100 | 700 | 3,100 | 3,100 | 5,200 | 7,800 | 10,900 | 5,400 | - |
| Percentage with net worth over \$5,000 | 46 | 15 | 40 | 39 | 51 | 64 | 69 | 52 | - |

[^9]TOP WEALTH-HOLDERS IN 1953
TABLE 43
Selegted Data on Sources of Receipts of Aged Economic Units, Classified by Source, 1951

| Source of Receipts | Percentage of Units with Source |  | Percentage of Aggregate Receipts of Group | Size of Source (dollars) |  | Percentage of Units with Source |  | Mean Amount of Total Receipts for Those with Indicated Principal Source (dollars) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | At All | As Principal Source |  | Median Size of Receipts from Source | Mean Size of Receipts from Source | Less <br> Than $\$ 200$ | $\begin{gathered} \$ 2,500 \\ \text { or } \\ \text { More } \end{gathered}$ |  |
| Earnings |  |  |  |  |  |  |  |  |
| Couples | 56.7 | 42.1 | 63.9 | 1,820 | 2,514 | 7.1 | 37.5 | 3,225 |
| Unrelated males | 34.3 | 22.8 | 52.0 | 1,323 | 1,885 | 10.8 | 24.4 | 2,082 |
| Unrelated females | 12.6 | 7.8 | 18.0 | 471 | 995 | 23.2 | 8.2 | 1,593 |
| Assets |  |  |  |  |  |  |  |  |
| Couples | 25.4 | 8.6 | 9.4 | 517 | 822 | 23.0 | 5.9 | 2,265 |
| Unrelated males ${ }^{\text {a }}$ | 16.5 | 6.2 | 9.2 | 385 | 673 | 27.5 | 6.2 | 1,543 |
| Unrelated females | 20.4 | 12.6 | 26.5 | 508 | 851 | 15.7 | 8.7 | 1,236 |
| Dissaving |  |  |  |  |  |  |  |  |
| Couples | 16.0 | 4.4 | 5.6 | 531 | 782 | 20.1 | 6.0 | 1,894 |
| Unrelated males ${ }^{\text {a }}$ | 14.2 | 5.8 | 6.6 | 399 | 578 | 25.0 | - | 1,157 |
| Unrelated females | 15.2 | 7.0 | 14.9 | 471 | 681 | 20.4 | 4.8 | 1,176 |
| Pensions |  |  |  |  |  |  |  |  |
| Couples | 35.3 | 22.6 | 16.0 | 842 | 1,001 | 7.0 | 4.2 | 1,532 |
| Unrelated males | 33.7 | 25.8 | 21.0 | 653 | 780 | 5.5 | 1.8 | 909 |
| Unrelated females | 20.9 | 14.6 | 19.6 | 483 | 634 | 8.0 | 0.8 | 724 |
| Assistance |  |  |  |  |  |  |  |  |
| Couples | 16.6 | 12.0 | 4.9 | 602 | 668 | 7.1 |  | 926 |
| Unrelated males | 25.4 | 19.3 | 10.8 | 468 | 512 | 8.9 |  | 538 |
| Unrelated females | 24.9 | 23.4 | 19.5 | 488 | 528 | 7.8 |  | 561 |

[^10]116

TABLE 44
Percentage Distribution of Net Value of Total Assets of Aged Economic Units by Type of Unit and Amount of Asset Holdings, 1951

| Net Value of <br> Total Assets | All Units | Couples | Unrelated <br> Males | Unrelated <br> Females |
| :--- | :---: | ---: | ---: | ---: |
| Total units | 100.0 | 100.0 | 100.0 | 100.0 |
| Units with no assets | 22.0 | 12.4 | 33.5 | 25.9 |
| Units with assets | 78.0 | 87.6 | 66.5 | 74.1 |
| $\$ \quad 1$ to $\$ 500$ | 9.5 | 5.3 | 6.4 | 14.9 |
| $\$ 500$ to $\$ 1,000$ | 6.9 | 3.3 | 9.9 | 9.0 |
| $\$ 1,000$ to $\$ 3,000$ | 8.1 | 7.4 | 9.0 | 8.3 |
| $\$ 3,000$ and over | 53.5 | 71.6 | 41.2 | 41.9 |

Source: Steiner and Dorfman, Economic Status of Aged, Table 107, p. 234.
${ }^{\text {a }}$ Excludes owner-occupied houses and life insurance.

TABLE 45
Average Gross Estate of Top Wealth-Holders, by Sex and Age Group, 1953
(dollars)

|  | Both <br> Sexes | Men | Women |
| :--- | :---: | :---: | :---: |
| Age Group | 189,397 | 136,969 | 233,080 |
| Under 21 | 166,809 | 203,554 | 96,000 |
| 21 to 30 | 232,257 | 104,902 | $429,000^{\text {a }}$ |
| 30 to 40 | 182,975 | 142,667 | 291,185 |
| 40 to 50 | 155,185 | 155,240 | 155,060 |
| 50 to 55 | 178,188 | 165,912 | 160,270 |
| 55 to 60 | 190,245 | 181,063 | 171,800 |
| 60 to 65 | 205,356 | 196,600 | 179,049 |
| 65 to 70 | 201,520 | 206,820 | 203,264 |
| 70 to 75 | 220,550 | 219,558 | 191,770 |
| 75 to 80 | 222,705 | 239,482 | 221,581 |
| 80 to 85 |  | 206,061 |  |
| 85 and over | 182,002 | 162,372 | 220,500 |

[^11]TABLE 46
Median Age of Top Wealth-Holders, by Sex and Gross Estate Size, 1953

| Gross Estate Size <br> (thous. dollars) | Males, <br> All States | Females, <br> All States | Females, <br> Non-Community <br> Property <br> States | Females, |
| :--- | :---: | :---: | :---: | :---: |
| 60 to 70 | 53 | 57 | 58 | Community <br> Property <br> States |
| 70 to 80 | 55 | 60 | 61 | 56 |
| 80 to 90 | 53 | 55 | 60 | 56 |
| 90 to 100 | 52 | 55 | 55 | 52 |
| 100 to 120 | 53 | 55 | 57 | 55 |
| 120 to 150 | 54 | 57 | 59 | 52 |
| 150 to 200 | 54 | 57 | 58 | 55 |
| 200 to 300 | 52 | 58 | 60 | 57 |
| 300 to 500 | 55 | 55 | 60 | 38 |
| 500 to 1,000 | 58 | 55 | 56 | 48 |
| 1,000 to 2,000 | 55 | 50 | 58 | 44 |
| 2,000 to 3,000 | 60 | 46 | 46 | 45 |
| 3,000 to 5,000 | 64 | 63 | 67 | 57 |
| 5,00 t 1,000 | 68 | 36 | 36 | - |
| 10,000 and over | 73 | 46 | 46 | - |
| 1,000 and over | 58 | 49 |  |  |
| All estate sizes | 52 | 56 | 58 | 54 |

TOP WEALTH-HOLDERS IN 1953
TABLE 47
Percentage Distribution of Male Top Wealth-Holders in Non-Community Property States by

Prrcentage Distribution of Male Top Wealth-Holders in Non-Community Property States

|  | Gross Estate Size (thous, dollars) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Age Group | $\begin{aligned} & \text { Under } \\ & 60 \end{aligned}$ | $\begin{aligned} & 60 \\ & \text { to } \\ & 70 \end{aligned}$ | $\begin{aligned} & 70 \\ & \text { to } \\ & 80 \end{aligned}$ | $\begin{aligned} & 80 \\ & \text { to } \\ & 90 \end{aligned}$ | $\begin{gathered} 90 \\ \text { to } \\ 100 \end{gathered}$ | $\begin{gathered} 100 \\ \text { to } \\ 120 \end{gathered}$ | $\begin{gathered} 120 \\ \text { to } \\ 150 \end{gathered}$ | $\begin{gathered} 150 \\ \text { to } \\ 200 \end{gathered}$ | $\begin{gathered} 200 \\ \text { to } \\ 300 \end{gathered}$ | $\begin{gathered} 300 \\ \text { to } \\ 500 \end{gathered}$ | $\begin{gathered} 500 \\ \text { to } \\ 1,000 \end{gathered}$ | $\begin{gathered} 1,000 \\ \text { to } \\ 2,000 \end{gathered}$ | $\begin{gathered} 2,000 \\ \text { to } \\ 3,000 \end{gathered}$ | $\begin{gathered} 3,000 \\ \text { to } \\ 5,000 \end{gathered}$ | $\begin{gathered} 5,000 \\ \text { to } \\ 10,000 \end{gathered}$ | $10,000$ <br> and <br> over |
| Under 21 | - | 1.4 | - | - | - | - | 1.7 | - | - | - | - | - | - | - | - |  |
| 21 to 30 | - | 3.1 | 3.7 | 0.9 | 1.0 | 3.3 | 2.5 | 0.7 | 4.8 | 2.9 | 6.1 | 8.4 | - | - | - |  |
| 30 to 40 | 73.9 | 10.4 | 12.3 | 19.6 | 17.9 | 13.4 | 8.8 | 10.3 | 14.5 | 9.8 | 6.1 | - | - | - | - |  |
| 40 to 50 | - | 22.2 | 19.2 | 22.1 | 24.9 | 26.9 | 28.1 | 28.7 | 25.1 | 23.5 | 17.0 | 24.7 | - | - | - |  |
| 50 to 55 | - | 14.9 | 14.2 | 12.2 | 14.4 | 11.4 | 14.6 | 14.2 | 13.6 | 13.2 | 12.0 | 16.2 | - | 9.0 | - | - |
| 55 to 60 | - | 13.2 | 13.7 | 12.9 | 11.3 | 13.7 | 12.5 | 14.1 | 11.6 | 14.6 | 16.2 | 10.6 | 17.4 | 15.9 | 12.8 | - |
| 60 to 65 | 5.2 | 9.9 | 12.7 | 10.9 | 10.5 | 11.6 | 12.1 | 11.5 | 11.6 | 12.0 | 12.3 | 10.1 | 23.0 | 27.9 | 16.7 | - |
| 65 to 70 | 6.8 | 9.0 | 9.2 | 9.0 | 8.2 | 8.4 | 8.7 | 8.5 | 7.5 | 9.3 | 11.8 | 9.8 | 22.8 | 16.2 | 38.8 | 28.1 |
| 70 to 75 | 9.7 | 6.8 | 7.0 | 5.6 | 5.8 | 5.4 | 5.2 | 5.6 | 5.1 | 6.7 | 7.8 | 9.6 | 10.8 | 18.1 | 15.8 | 19.4 |
| 75 to 80 | 3.2 | 4.7 | 4.4 | 3.6 | 3.4 | 3.3 | 3.2 | 3.3 | 3.5 | 4.2 | 5.3 | 5.7 | 15.5 | 7.6 | 5.2 | 13.0 |
| 80 to 85 | 1.1 | 2.5 | 2.1 | 1.8 | 1.9 | 1.7 | 1.6 | 1.8 | 1.7 | 2.4 | 3.4 | 3.4 | 6.3 | 2.9 | 3.5 | 17.3 |
| 85 and over |  | 1.6 | 1.3 | 1.2 | 1.0 | 1.0 | 0.9 | 1.1 | 1.1 | 1.3 | 2.0 | 1.7 | 4.2 | 2.4 | 6.9 | 22.7 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Median age (years) | 37 | 54 | 56 | 53 | 52 | 53 | 53 | 53 | 52 | 55 | 57 | 55 | 67 | 64 | 67 | 75 |

TABLE 49
Percentage Distribution of Estate Tax Wealth by Sex and Gross Estate Size, 1953
$\left.\begin{array}{lcccc}\hline \hline \begin{array}{c}\text { Gross Estate Size } \\ \text { (thous. dollars) }\end{array} & \begin{array}{c}\text { Number of } \\ \text { Wealth-Holders }\end{array} & \begin{array}{c}\text { Gross } \\ \text { Estate }\end{array} & \begin{array}{c}\text { Average } \\ \text { Gross Estate } \\ \text { (dollars) }\end{array} & \begin{array}{c}\text { Median Gross } \\ \text { Estate } \\ \text { (dollars) }\end{array} \\ \hline & 100.00 \% & \text { MALEs } & 100.00 \% & \$ 162,372\end{array}\right) \$ 116,800$

TABLE 50
Number of Estate Tax Wealth-Holders, by Sex, Age Group, and Marital Status, 1953a

| Age Group | Married | Widowed | Divorced or Separated | Unmarried | Total |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Males |  |  |  |  |
| Under 21 | - | - | - | 5,556 | 5,556 |
| 21 to 30 | 14,999 | 833 | - | 14,999 | 30,831 |
| 30 to 40 | 111,676 | 1,667 | 7,223 | 14,446 | 135,012 |
| 40 to 50 | 241,309 | 5,555 | 7,555 | 15,110 | 269,529 |
| 50 to 55 | 130,500 | 4,000 | 3,700 | 9,500 | 147,700 |
| 55 to 60 | 119,048 | 5,206 | 4,388 | 10,004 | 138,646 |
| 60 to 65 | 103,911 | 7,257 | 3,513 | 8,839 | 123,520 |
| 65 to 70 | 73,037 | 9,472 | 2,688 | 9,114 | 94,311 |
| 70 to 75 | 45,245 | 10,556 | 1,929 | 7,116 | 64,846 |
| 75 to 80 | 23,736 | 10,188 | 768 | 5,736 | 40,428 |
| 80 to 85 | 9,592 | 7,696 | 528 | 3,224 | 21,040 |
| 85 and over | 3,593 | 6,662 | 249 | 2,104 | 12,608 |
| Age unknown | 1,917 | 744 | 161 | 542 | 3,364 |
| All ages | 878,563 | 69,836 | 32,702 | 106,290 | 1,087,391 |
|  | females |  |  |  |  |
| Under 21 | - | 3;333 | - | 3,333 | 6,666 |
| 21 to 30 | 6,000 | 2,000 | 2,000 | 6,000 | 16,000 |
| 30 to 40 | 37,273 | 5,455 | 4,546 | 4,546 | 51,820 |
| 40 to 50 | 75,200 | 16,800 | 2,800 | 5,600 | 100,400 |
| 50 to 55 | 43,844 | 15,769 | 1,538 | 4,615 | 65,766 |
| 55 to 60 | 38,056 | 19,539 | 1,136 | 2,272 | 61,003 |
| 60 to 65 | 29,982 | 25,165 | 1,007 | 2,732 | 58,886 |
| 65 to 70 | 22,260 | 27,645 | 763 | 2,926 | 53,594 |
| 70 to 75 | 15,120 | 27,297 | 702 | 2,430 | 45,549 |
| 75 to 80 | 8,388 | 22,653 | 306 | 1,932 | 33,279 |
| 80 to 85 | 3,533 | 14,851 | 154 | 1,238 | 19,776 |
| 85 and over | 1,579 | 10,043 | 131 | 923 | 12,676 |
| Age unknown | 500 | 1,360 | 49 | 138 | 2,047 |
| All ages | 281,735 | 191,910 | 15,132 | 38,685 | 527,462 |

[^12]|  | Age Group |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} 14 \text { to } \\ 20 \end{gathered}$ | $\begin{gathered} 20 \text { to } \\ 30 \end{gathered}$ | $\begin{gathered} 30 \text { to } \\ 40^{\mathrm{b}} \end{gathered}$ | $\begin{gathered} 40 \text { to } \\ 50^{\text {b }} \end{gathered}$ | $\begin{gathered} 50 \text { to } \\ 55^{\text {b }} \end{gathered}$ | $\begin{gathered} 55 \text { to } \\ 65 \end{gathered}$ | $\begin{gathered} 65 \text { to } \\ 75 \end{gathered}$ | 75 and over ${ }^{\text {b }}$ | Total |
|  |  |  |  |  | MALES |  |  |  |  |
| 1. Married in population | 164,000 | 6,498,000 | 9,958,000 | 8,408,000 | 3,734,000 | 5,534,000 | 3,216,000 | 1,110,000 | 38,612,000 ${ }^{\text {d }}$ |
| 2. Married wealth-holders |  | - 14,999 | 111,676 | 241,309 | 130,500 | 222,959 | 118,282 | 36,921 | 876,646 |
| 3. Line 2 as \% of line 1 | - | 0.2 | 1.1 | 2.9 | 3.5 | 4.0 | 3.7 | 3.4 | 2.3 |
| 4. Single in population | 6,014,000 | 3,060,000 | 1,478,000 | 980,000 | 312,000 | 672,000 | 350,000 | 134,000 | 13,000,000 |
| 5. Single wealth-holders | 5,556 | 14,999 | 14,446 | 15,110 | 9,500 | 18,843 | 16,230 | 11,064 | 105,748 |
| 6. Line 5 as \% of line 4 | 0.09 | 0.5 | 0.1 | 1.5 | 3.0 | 2.8 | 4.6 | 8.2 | - 0.8 |
| 7. Divorced or separated in population ${ }^{\text {e }}$ | 4,000 | 338,000 | 558,000 | 510,000 | 256,000 | 442,000 | 272,000 | 70,000 | 2,450,000 |
| 8. Divorced or separated wealth-holders | - | - | 7,223 | 7,555 | 3,700 | 7,901 | 4,617 | 1,545 | 32,541 |
| 9. Line 8 as \% of line 7 | - | - | 1.3 | 1.5 | 1.4 | 1.8 | 1.7 | 2.2 | 1.3 |
| 10. Widowed in population | - | 8,000 | 106,000 | 158,000 | 100,000 | 512,000 | 678,000 | 666,000 | 2,228,000 |
| 11. Widowed wealth-holders | - | 833 | 1,667 | 5,555 | 4,000 | 12,463 | 20,028 | 24,546 | 69,092 |
| 12. Line 11 as \% of line 10 | - | 10.4 | 1.6 | 3.5 | 4.0 | 2.4 | 3.0 | 3.7 | 3.1 |
|  |  |  |  |  | FEMALES |  |  |  |  |
| 1. Married in population | 884,000 | 9,072,000 | 10,432,000 | 8,376,000 | 3,440,000 | 4,520,000 | 2,220,000 | 480,000 | 39,426,000 |
| 2. Married wealth-holders |  | 6,000 | 37,273 | 75,200 | 43,844 | 68,038 | 37,380 | 13,500 | 281,235 |
| 3. Line 2 as \% of line 1 | - | 0.07 | 0.4 | 0.9 | 1.3 | 1.5 | 1.7 | 2.8 | 0.7 |
| 4. Single in population | 5,526,000 | 2,304,000 | 856,000 | 730,000 | 328,000 | 558,000 | 338,000 | 154,000 | 10,774,000 |
| 5. Single wealth-holders | 3,333 | 6,000 | 4,546 | 5,600 | 4,615 | 5,004 | 5,356 | 4,093 | . 38,547 |
| 6. Line 5 as \% of line 4 | 0.06 | 0.26 | 0.5 | 0.8 | 1.4 | 0.9 | 1.6 | 2.6 | 0.4 |
| 7. Divorced or separated in population ${ }^{\circ}$ | 44,000 | 576,000 | 868,000 | 770,000 | 348,000 | 344,000 | 162,000 | 48,000 | 3,160,000 |
| 8. Divorced or separated wealth-holders | - | 2,000 | 4,546 | 2,800 | 1,538 | 2,143 | 1,465 | 591 | 15,083 |
| 9. Line 8 as \% of line 7 | - | 0.3 | 0.5 | 0.4 | 0.4 | 0.6 | 0.9 | 1.2 | 0.5 |
| 10. Widowed in population | 4,000 | 108,000 | 365,000 | 711,000 | 490,000 | 1,860,000 | 2,120,000 | 1,746,000 | 7,404,000 |
| 11. Widowed wealth-holders | 3,333 | 2,000 | 5,455 | 16,800 | 15,769 | 44,704 | 54,942 | 47,547 | 190,550 |
| 12. Line 11 as \% of line 10 | 83.3 | 1.8 | 1.5 | 2.4 | 3.2 | 2.4 | 2.6 | 2.7 | 2.6 |

[^13]d Married males number less than married females because of exclusion of most men in Armed Forces. Source: Population data from Current Population Reports: Popula-
tion Characteristics, P-20, No. 50, Washington, 1953 .
a Excludes 5,411 estate tax wealth-holders with age unknown. other reasons, but excludes husband absent in Armed Forces.
TABLE 52
Population and Income Payments in 1953 and Estate Tax Returns for 1949, 1950, 1953, and 1954 Combined,

| State | 1953 Population |  | 1953 Income Payments |  | Total Returns in Four Years |  | Aggregate Gross Estate on Taxable Returns in Four Years |  | Col. 6 $\div$ <br> Col. 2 <br> (9) | Col. 8 $\div$ Col. 4 (10) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Per Cent |  | Per Cent |  |  |  |  |  |  |
|  | Thousands (1) | of U.S. Total (2) | Million Dollars (3) | of U.S. Total (4) | No. <br> (5) | Per Cent of U.S. Total (6) | Million Dollars (7) | Per Cent of U.S. Total (8) |  |  |
| Arizona | 930 | 0.6 | 1,370 | 0.5 | 431 | 0.3 | 65,461 | 0.3 | 0.50 | 0.60 |
| California | 12,190 | 7.7 | 24,856 | 9.2 | 13,002 | 10.2 | 2,131,184 | 10.0 | 1.32 | 1.08 |
| Idaho | 603 | 0.4 | 851 | 0.3 | 288 | 0.2 | 38,100 | 0.2 | 0.50 | 0.66 |
| Louisiana | 2,884 | 1.8 | 3,602 | 1.3 | 1,018 | 0.8 | 193,495 | 0.9 | 0.44 | 0.69 |
| Nevada | 206 | 0.1 | 448 | 0.2 | 169 | 0.1 | 44,754 | 0.2 | 1.00 | 1.00 |
| New Mexico | 758 | 0.5 | 1,021 | 0.4 | 257 | 0.2 | 40,483 | 0.2 | 0.40 | 0.50 |
| Texas | 8,298 | 5.2 | 12,279 | 4.5 | 4,638 | 3.7 | 918,207 | 4.3 | 0.71 | 0.95 |
| Washington | 2,478 | 1.6 | 4,663 | 1.7 | 1,732 | 1.4 | 238,490 | 1.1 | 0.87 | 0.65 |
| All community property states | 28,347 | 17.9 | 49,090 | 18.1 | 21,535 | 17.0 | 3,670,174 | 17.1 | 0.95 | 0.94 |
| Total U.S. | 158,307 | 100.0 | 270,577 | 100.0 | 126,878 | 100.0 | 21,420,633 | 100.0 | 1.00 | 1.00 |
| 12 non-community property states with income ranks of 12 to 23 |  |  |  |  |  |  |  |  | 1.17 | 0.96 |
| Median of 40 non-community property states |  |  |  |  |  |  |  |  | 1.00 |  |

[^14]TABLE 53
Percentage Distribution of Estate Tax Wealth by Sex and Age Group in Community Property and Common Law States, 1953a

| Age Group | Community Property States |  |  | Common Law States |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | No. of WealthHolders | Aggregate Gross Estate | Average <br> Gross <br> Estate | No. of WealthHolders | Aggregate Gross Estate | Average Gross Estate |
|  | males |  |  |  |  |  |
| All ages | 165,260 | \$27.6 bill. | \$167,000 | 918,805 | \$148.5 bill. | \$161,000 |
| Under 21 | $0.1 \%$ | 1.8\% |  | 0.4\% | $0.2 \%$ |  |
| 21 to 30 | 3.5 | 2.9 |  | 2.7 | 3.7 |  |
| 30 to 40 | 11.8 | 8.0 |  | 12.6 | 8.1 |  |
| 40 to 50 | 26.1 | 25.5 |  | 24.6 | 21.2 |  |
| 50 to 55 | 14.1 | 14.5 |  | 13.6 | 12.7 |  |
| 55 to 60 | 11.2 | 10.1 |  | 13.1 | 13.6 |  |
| 60 to 65 | 10.8 | 12.3 |  | 11.5 | 12.8 |  |
| 65 to 70 | 8.3 | 8.9 |  | 8.7 | 10.8 |  |
| 70 to 75 | 6.3 | 7.9 |  | 5.9 | 7.6 |  |
| 75 to 80 | 3.6 | 4.7 |  | 3.7 | 4.8 |  |
| 80 to 85 | 1.8 | 2.1 |  | 2.0 | 2.7 |  |
| 85 and over | 1.1 | 1.3 |  | 1.2 | 1.8 |  |
|  | females |  |  |  |  |  |
| All ages | 135,325 | \$26.4 bill. | \$196,000 | 390,146 | \$ 90.3 bill. | \$231,000 |
| Under 21 | 2.5\% | $5.0 \%$ |  | 0.9\% | $0.2 \%$ |  |
| 21 to 30 | 3.0 | 1.3 |  | 3.1 | 1.3 |  |
| 30 to 40 | 12.8 | 17.1 |  | 8.9 | 19.6 |  |
| 40 to 50 | 22.8 | 23.9 |  | 17.9 | 25.3 |  |
| 50 to 55 | 12.4 | 10.9 |  | 12.6 | 8.1 |  |
| 55 to 60 | 10.9 | 9.1 |  | 11.9 | 8.1 |  |
| 60 to 65 | 10.1 | 9.7 |  | 11.6 | 8.4 |  |
| 65 to 70 | 9.1 | 7.7 |  | 10.6 | 8.4 |  |
| 70 to 75 | 7.0 | 6.5 |  | 9.3 | 8.3 |  |
| 75 to 80 | 4.9 | 4.4 |  | 6.9 | 5.8 |  |
| 80 to 85 | 2.9 | 2.6 |  | 4.1 | 4.1 |  |
| 85 and over | 1.8 | 1.8 |  | 2.6 | 2.4 |  |

[^15]TABLE 54
Percentage Distribution of Estate Tax Wealth by Sex and Gross Estate Size in Community Property and Common Law States, 1953

| Gross Estate Size (thous. dollars) | Community Property States |  | Common Law States |  |
| :---: | :---: | :---: | :---: | :---: |
|  | No. of WealthHolders | Aggregate Gross Estate | No. of WealthHolders | Aggregate <br> Gross <br> Estate |
|  | males |  |  |  |
| Total | 165,260 | \$27.6 bill. | 918,805 | \$148.5 bill. |
| Under 60 | 0.0\% | 0.0\% | $0.1 \%$ | 0.0\% |
| 60 to 70 | 12.0 | 4.3 | 8.7 | 3.1 |
| 70 to 80 | 13.0 | 5.1 | 9.8 | 4.0 |
| 80 to 90 | 9.3 | 4.0 | 10.1 | 4.5 |
| 90 to 100 | 8.3 | 4.4 | 9.1 | 4.5 |
| 100 to 120 | 14.7 | 8.5 | 13.6 | 7.8 |
| 120 to 150 | 12.7 | 9.4 | 14.3 | 10.0 |
| 150 to 200 | 9.6 | 9.2 | 12.4 | 11.1 |
| 200 to 300 | 10.1 | 13.4 | 11.3 | 14.4 |
| 300 to 500 | 6.2 | 13.1 | 6.2 | 12.9 |
| 500 to 1,000 | 2.5 | 10.6 | 3.0 | 11.8 |
| 1,000 to 2,000 | 1.0 | 7.9 | 1.1 | 8.8 |
| 2,000 to 3,000 | 0.4 | 5.1 | 0.1 | 1.5 |
| 3,000 to 5,000 | 0.2 | 3.4 | 0.1 | 2.8 |
| 5,000 to 10,000 | 0.0 | 0.2 | 0.1 | 1.9 |
| 10,000 and over | 0.0 | 1.4 | 0.0 | 0.9 |
|  | females |  |  |  |
| Total | 135,325 | \$26.6 bill. | 390,146 | \$ 90.3 bill. |
| Under 60 | 0.0\% | 0.0\% | $0.2 \%$ | 0.0\% |
| 60 to 70 | 12.5 | 4.1 | 15.1 | 4.2 |
| 70 to 80 | 11.9 | 4.4 | 11.2 | 3.6 |
| 80 to 90 | 11.9 | 4.9 | 11.3 | 4.0 |
| 90 to 100 | 8.2 | 4.0 | 9.7 | 4.0 |
| 100 to 120 | 13.5 | 7.3 | 13.0 | 6.0 |
| 120 to 150 | 11.5 | 7.7 | 10.7 | 6.2 |
| 150 to 200 | 10.1 | 9.1 | 9.6 | 7.1 |
| 200 to 300 | 7.2 | 8.9 | 8.4 | 8.8 |
| 300 to 500 | 8.2 | 15.6 | 5.2 | 8.4 |
| 500 to 1,000 | 2.9 | 9.8 | 3.6 | 10.4 |
| 1,000 to 2,000 | 1.8 | 12.0 | 1.1 | 6.6 |
| 2,000 to 3,000 | 0.4 | 5.4 | 0.4 | 5.0 |
| 3,000 to 5,000 | 0.4 | 6.8 | 0.1 | 1.4 |
| 5,000 to 10,000 | 0.0 | 0.0 | 0.3 | 10.1 |
| 10,000 and over | 0.0 | 0.0 | 0.1 | 14.2 |

[^16]TABLE 55
Percentage Composition of All Estates for Men and Women in Community Property and Common Law States, 1953

| Type of Property | Community <br> Men | Property States <br> Women | Common Law States <br> Men |  |
| :--- | ---: | ---: | ---: | ---: |
| Real estate | 30.5 | 27.2 | 23.9 | 16.2 |
| U.S. govt. bonds | 4.0 | 6.0 | 5.3 | 6.5 |
| State and local bonds | 1.1 | 2.0 | 1.7 | 7.6 |
| Other bonds | 0.5 | 0.6 | 1.0 | 1.2 |
| Corporate stock | 30.9 | 31.2 | 36.2 | 48.8 |
| Cash | 9.4 | 8.5 | 9.2 | 9.4 |
| Mortgage and notes | 5.0 | 4.0 | 3.5 | 2.6 |
| Life insurance equity | 2.6 | 0.4 | 5.0 | 0.5 |
| Miscellaneous property | 16.0 | 20.0 | 14.3 | 7.1 |
| Gross estate | 100.0 | 100.0 | 100.0 | 100.0 |
| Debts and mortgages | 11.3 | 7.9 | 11.3 | 4.2 |
| Economic estate | 88.7 | 92.1 | 88.7 | 95.8 |

Source: Table 57.

TOP WEALTH-HOLDERS IN 1953
TABLE 57
Population and Income Payments in 1953 and Estate Tax Returns for 1949, 1950, 1953, and 1954 Combined, by State

| State | Population, 1953 |  | Income Payments, 1953 |  | Total Returns in Four Years |  | Aggregate Gross Estate on Taxable Returns in Four Years |  | Col. 6 $\div$ <br> Col. 2 <br> (9) | Col. 8 $\div$ <br> Col. 4 <br> (10) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Thousands (1) | Per Cent of U.S. Total (2) | Million Dollars <br> (3) | Per Cent of U.S. Total <br> (4) | Number <br> (5) | Per Cent of U.S. Total (6) | Million Dollars (7) | Per Cent of U.S. Total (8) |  |  |
| New England | 9,697 | 6.1 | 17,686 | 6.6 | 9,473 | 7.5 | 1,943,588 | 9.1 | 1.23 | 1.39 |
| Connecticut | 2,162 | 1.4 | 4,744 | 1.8 | 2,452 | 1.9 | 617,271 | 2.9 | 1.36 | 1.61 |
| Maine | 914 | 0.6 | 1,287 | 0.5 | 765 | 0.6 | 127,023 | 0.6 | 1.00 | 1.20 |
| Massachusetts | 4,900 | 3.1 | 8,880 | 3.3 | 4,690 | 3.7 | 875,672 | 4.1 | 1.09 | 1.24 |
| New Hampshire | 527 | 0.3 | 818 | 0.3 | 499 | 0.4 | 88,217 | 0.4 | 1.33 | 1.33 |
| R hode Island | 817 | 0.5 | 1,429 | 0.5 | 761 | 0.6 | 183,437 | 0.9 | 1.20 | 1.80 |
| Vermont | 377 | 0.2 | 528 | 0.2 | 306 | 0.2 | 51,968 | 0.2 | 1.00 | 1.00 |
| Middle East | 36,707 | 23.2 | 73,230 | 27.1 | 34,613 | 27.3 | 6,844,326 | 32.0 | 1.17 | 1.18 |
| Delaware | 358 | 0.2 | 825 | 0.3 | 411 | 0.3 | 132,875 | 0.6 | 1.50 | 2.00 |
| D.C. | 841 | 0.5 | 2,507 | 0.9 | 1,092 | 0.9 | 195,796 | 0.9 | 1.80 | 1.00 |
| Maryland | 2,541 | 1.6 | 4,402 | 1.6 | 1,936 | 1.5 | 358,530 | 1.7 | 0.93 | 1.06 |
| New Jersey | 5,141 | 3.2 | 10,153 | 3.8 | 5,203 | 4.1 | 893,971 | 4.2 | 1.28 | 1.11 |
| New York | 15,233 | 9.6 | 33,489 | 12.4 | 17,225 | 13.6 | 3,589,143 | 16.8 | 1.41 | 1.35 |
| Pennsylvania | 10,656 | 6.7 | 19,419 | 7.2 | 8,095 | 6.4 | 1,587,475 | 7.4 | 0.95 | 1.02 |
| West Virginia | 1,937 | 1.2 | 2,435 | 0.9 | 651 | 0.5 | 86,536 | 0.4 | 0.41 | 0.44 |
| Southeast | 33,257 | 21.0 | 38,118 | 14.1 | 15,282 | 12.0 | 2,507,682 | 11.7 | 0.57 | 0.83 |
| Alabama | 3,114 | 2.0 | 3,248 | 1.2 | 995 | 0.8 | 146,697 | 0.7 | 0.40 | 0.58 |
| Arkansas | 1,909 | 1.2 | 1,793 | 0.6 | 701 | 0.6 | 97,312 | 0.5 | 0.50 | 0.83 |
| Florida | 3,353 | 2.1 | 4,586 | 1.7 | 3,280 | 2.6 | 555,075 | 2.6 | 1.23 | 1.53 |
| Georgia | 3,585 | 2.3 | 4,245 | 1.6 | 1,338 | 1.0 | 224,368 | 1.0 | 0.43 | 0.62 |

TABLE 57 (concluded)

| State | Population, 1953 |  | Income Payments, 1953 |  | Total Returns in Four Years |  | Aggregate Gross Estate on Taxable Returns in Four Years |  | Col. 6 $\div$ Col. 2 (9) | Col. 8 <br> Col. 4 <br> (10) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Thousands (1) | Per Cent of U.S. Total <br> (2) | Million Dollars <br> (3) | Per Cent of U.S. Total <br> (4) | Number <br> (5) | Per Cent of U.S. Total <br> (6) | Million Dollars (7) | Per Cent of U.S. Total (8) |  |  |
| Kentucky | 2,965 | 1.9 | 3,460 | 1.3 | 1,593 | 1.3 | 211,745 | 1.0 | 0.68 | 0.77 |
| Louisiana | 2,884 | 1.8 | 3,602 | 1.3 | 1,018 | 0.8 | 193,495 | 0.9 | 0.44 | 0.69 |
| Mississippi | 2,183 | 1.4 | 1,821 | 0.7 | 669 | 0.5 | 94,251 | 0.4 | 0.36 | 0.57 |
| North Carolina | 4,193 | 2.6 | 4,599 | 1.7 | 1,661 | 1.3 | 297,761 | 1.4 | 0.50 | 0.82 |
| South Carolina | 2,195 | 1.4 | 2,403 | 0.9 | 685 | 0.5 | 124,368 | 0.6 | 0.36 | 0.66 |
| Tennessee | 3,329 | 2.1 | 3,948 | 1.5 | 1,285 | 1.0 | 225,094 | 1.1 | 0.47 | 0.73 |
| Virginia | 3,547 | 2.2 | 4,413 | 1.6 | 2,057 | 1.6 | 337,516 | 1.6 | 0.72 | 1.00 |
| Southwest | 12,237 | 7.7 | 17,656 | 6.5 | 6,857 | 5.4 | 1,250,444 | 5.8 | 0.70 | 0.89 |
| Arizona | 930 | 0.6 | 1,370 | 0.5 | 431 | 0.3 | 65,461 | 0.3 | 0.50 | 0.60 |
| New Mexico | 758 | 0.5 | 1,021 | 0.4 | 257 | 0.2 | 40,483 | 0.2 | 0.40 | 0.50 |
| Oklahoma | 2,251 | 1.4 | 2,986 | 1.1 | 1,531 | 1.2 | 226,296 | 1.1 | 0.86 | 1.00 |
| Texas | 8,298 | 5.2 | 12,279 | 4.5 | 4,638 | 3.7 | 918,207 | 4.3 | 0.71 | 0.95 |
| Central | 41,632 | 26.3 | 78,416 | 29.0 | 36,202 | 28.0 | 5,323,322 | 24.9 | 1.06 | 0.85 |
| Illinois | 9,003 | 5.7 | 18,800 | 7.0 | 10,134 | 8.0 | 1,629,793 | 7.6 | 1.40 | 1.08 |
| Indiana | 4,136 | 2.6 | 7,584 | 2.8 | 3,188 | 2.5 | 395,201 | 1.8 | 0.96 | 0.64 |
| Iowa | 2,605 | 1.6 | 3,954 | 1.5 | 4,495 | 3.5 | 364,630 | 1.7 | 2.17 | 1.13 |
| Michigan | 6,852 | 4.3 | 13,723 | 5.1 | 3,334 | 2.6 | 682,570 | 3.2 | 0.60 | 0.62 |
| Minnesota | 3,053 | 1.9 | 4,724 | 1.7 | 2,613 | 2.0 | 325,043 | 1.5 | 1.05 | 0.88 |
| Missouri | 4,096 | 2.6 | 6,768 | 2.5 | 2,832 | 2.2 | 493,852 | 2.3 | 0.84 | 0.92 |
| Ohio | 8,369 | 5.3 | 16,840 | 6.2 | 6,490 | 5.0 | 1,034,826 | 4.8 | 0.94 | 0.77 |
| Wisconsin | 3,518 | 2.2 | 6,023 | 2.2 | 3,116 | 2.5 | 397,407 | 1.9 | 1.13 | 0.86 |


| Northwest | 8,301 | 5.2 | 12,742 | 4.7 | 8,316 | 6.5 | 945,668 | 4.4 | 1.25 | 0.94 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Colorado | 1,413 | 0.9 | 2,367 | 0.9 | 1,360 | 1.1 | 177,381 | 0.8 | 1.22 | 0.88 |
| Idaho | 603 | 0.4 | 851 | 0.3 | 288 | 0.2 | 38,100 | 0.2 | 0.50 | 0.66 |
| Kansas | 2,006 | 1.3 | 3,110 | 1.2 | 2,569 | 2.0 | 296,745 | 1.4 | 1.53 | 1.16 |
| Montana | 614 | 0.4 | 1,037 | 0.4 | 615 | 0.5 | 67,601 | 0.3 | 1.25 | 0.75 |
| Nebraska | 1,347 | 0.9 | 2,065 | 0.7 | 2,004 | 1.6 | 210,597 | 1.0 | 1.77 | 1.43 |
| North Dakota | 621 | 0.4 | 804 | 0.3 | 411 | 0.3 | 37,224 | 0.2 | 0.75 | 0.66 |
| South Dakota | 657 | 0.4 | 895 | 0.3 | 547 | 0.4 | 54,084 | 0.2 | 1.00 | 0.66 |
| Utah | 734 | 0.5 | 1,108 | 0.4 | 296 | 0.2 | 29,743 | 0.1 | 0.40 | 0.25 |
| Wyoming | 306 | 0.2 | 505 | 0.2 | 226 | 0.2 | 34,193 | 0.2 | 1.00 | 1.00 |
| Far West | 16,476 | 10.4 | 32,729 | 12.1 | 16,135 | 12.7 | 2,605,603 | 12.2 | 1.22 | 1.00 |
| California | 12,190 | 7.7 | 24,856 | 9.2 | 13,002 | 10.2 | 2,131,184 | 10.0 | 1.32 | 1.08 |
| Nevada | 206 | 0.1 | 448 | 0.2 | 169 | 0.1 | 4,44,754 | 0.2 | 1.00 | 1.00 |
| Oregon | 1,602 | 1.0 | 2,762 | 1.0 | 1,232 | 1.0 | 191,175 | 0.9 | 1.00 | 0.90 |
| Washington | 2,478 | 1.6 | 4,663 | 1.7 | 1,732 | 1.4 | 238,490 | 1.1 | 0.87 | 0.65 |
| Total | 158,307 | 100.0 | 270,577 | 100.0 | 126,878 | 100.0 | 21,420,633 | 100.0 | 1.00 | 1.00 |

TABLE 58
Distribution of Spending Units by Income Within Asset Groups, 1950 (per cent)

| Money Income Group <br> Before Taxes, 1949 | Total Assets (dollars) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Under $400^{\mathrm{a}}$ <br> (1) | $\begin{gathered} 500 \\ \text { to } \\ 1,000 \\ (2) \end{gathered}$ | $\begin{gathered} 1,000 \\ \text { to } \\ 2,000 \\ (3) \end{gathered}$ | $\begin{gathered} 2,000 \\ \text { to } \\ 5,000 \\ (4) \end{gathered}$ | $\begin{gathered} 5,000 \\ \text { to } \\ 10,000 \\ (5) \end{gathered}$ | 10,000 to 25,000 (6) | 25,000 60,00 60,000 (7) | 60,000 and over (8) |
| Under \$1,000 | 32 | 16 | 13 | 11 | 14 | 7 | 6 | 3 |
| \$1,000 to \$2,000 | 40 | 26 | 19 | 16 | 14 | 12 | 6 | 2 |
| \$2,000 to \$3,000 | 18 | 32 | 33 | 26 | 22 | 15 | 12 | 5 |
| \$3,000 to \$4,000 | 7 | 18 | 22 | 25 | 23 | 22 | 12 | 4 |
| \$4,000 to \$5000 | 2 | 5 | 9 | 12 | 12 | 18 | 12 | 6 |
| \$5,000 to \$7,500 | 1 | 3 | 4 | 7 | 12 | 20 | 21 | 17 |
| \$7,500 and over | b | b | b | 1 | 2 | 5 | 24 | 62 |
| Not ascertained | 1 | b | b | 2 | 1 | 1 | 4 | 1 |
| All cases | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

Source: Goldsmith, Saving in U.S., III, Table W-54.
${ }^{a}$ Includes zero assets.
${ }^{\mathrm{b}}$ Includes negative and zero net worth.

TABLE 59
Average Annual Percentages of Various Types of Income in Total Income, Upper Income Groups and Total Population, 1919-38
$\left.\begin{array}{lcccccc}\hline & & & \begin{array}{c}\text { 2nd } \\ \text { and }\end{array} & \begin{array}{c}\text { 4th } \\ \text { and }\end{array} & & \\ & & & & \text { 3rd } \\ \text { 5th } \\ \text { Per- }\end{array}\right)$

Source: Simon Kuznets, Shares of Upper Income Groups in Income and Savings, New York, National Bureau of Economic Research, 1953, p. 26, Table 7.

## TOP WEALTH-HOLDERS IN 1953

TABLE 60
Average Annual Shares of Upper Income Groups in U.S. Totals of Various Types of Income, 1919-38

|  | Percentage of Income Reccived by Given Percentage Band |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Top 1 | 2nd and 3rd | 4th and 5th | Top 5 |
| 1. Total income | 13.1 | 6.6 | 4.9 | 24.7 |
| 2. Employee comp. | 6.5 | 5.6 | 4.8 | 16.9 |
| 3. Entrep. income | 13.7 | 8.1 | 5.2 | 26.9 |
| 4. Rent | 17.9 | 11.4 | 8.9 | 38.3 |
| 5. Interest | 27.5 | 8.5 | 5.5 | 41.5 |
| 6. Dividends | 64.7 | 8.2 | 3.6 | 76.6 |
| 7. Entrep. income and rent | 14.2 | 8.5 | 5.6 | 28.3 |
| 8. Dividends and interest | 46.1 | 8.4 | 4.5 | 58.9 |
| 9. Service incomes | 8.1 | 6.2 | 4.9 | 19.1 |
| 10. Property incomes | 40.1 | 8.8 | 5.3 | 54.2 |

Source: Kuznets, Shares of Upper Income Groups, p. 18, Table 3.

TABLE 61
Asset-Income Ratios, by Income of Spending Units, 1950

|  | Total Income |  |  | Total Assets |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Money Income <br> (1949) Before Taxes | Per Cent | Billion <br> Dollars |  | Per Cent | Billion <br> Dollars | Assets-Income <br> Ratio |
| Under $\$ 1,000$ | 2 | 3.4 |  | 6 | 36.8 | 10.8 |
| $\$ 1,000$ to $\$ 2,000$ | 9 | 15.7 |  | 8 | 49.0 | 3.1 |
| $\$ 2,000$ to $\$ 3,000$ | 16 | 27.2 |  | 12 | 73.6 | 2.7 |
| $\$ 3,000$ to $\$ 4,000$ | 19 | 32.3 |  | 14 | 85.8 | 2.7 |
| $\$ 4,000$ to $\$ 5,000$ | 15 | 25.5 |  | 11 | 67.4 | 2.6 |
| $\$ 5,000$ to $\$ 7,500$ | 19 | 32.3 |  | 17 | 104.2 | 3.2 |
| $\$ 7,500$ and over | 20 | 34.0 |  | 31 | 190.0 | 5.5 |
| Not ascertained |  | - |  | 1 | 6.1 |  |
| All cases | 100 | 170.0 |  | 100 | 613.0 | 3.6 |

Source: Derived from Goldsmith, Saving in U.S., III, Table W-50, p. 126.
${ }^{\text {a }}$ No cases reported or less than 0.5 per cent.
TABLE 62
Distribution of Spending Units by Total Assets Within Occupational Groups, 1950
Distribution of Spending Units by Total Assets Within Occupational Groups, 1950
TOP WEALTH-HOLDERS IN 1953

| Occupational Group | Total Assets (dollars) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | All Cases (1) | Zero (2) | $\begin{gathered} 100 \\ \text { to } \\ 500 \\ (3) \end{gathered}$ | $\begin{gathered} 500 \\ \text { to } \\ 1,000 \\ (4) \end{gathered}$ | $\begin{gathered} 1,000 \\ \text { to } \\ 2,000 \\ (5) \end{gathered}$ | $\begin{gathered} 2,000 \\ \text { to } \\ 5,000 \\ (6) \end{gathered}$ | $\begin{gathered} 5,000 \\ \text { to } \\ 10,000 \\ \text { (7) } \end{gathered}$ | $\begin{gathered} 10,000 \\ \text { to } \\ 25,000 \\ (8) \end{gathered}$ | $\begin{gathered} 25,000 \\ \text { to } \\ 60,000 \\ \text { (9) } \end{gathered}$ | $\begin{gathered} 60,000 \\ \text { and } \\ \text { over } \\ (10) \end{gathered}$ |
| Professional and semiprofessional | 100 | 1 | 4 | 4 | 11 | 21 | 17 | 24 | 13 | 5 |
| Managerial | 100 | s | 4 | 1 | 3 | 14 | 19 | 36 | 19 | 4 |
| Self-employed | 100 | 1 | ${ }^{\circ}$ | 1 | 3 | 9 | 13 | 38 | 24 | 11 |
| Clerical and sales | 100 | 7 | 16 | 8 | 9 | 18 | 17 | 19 | 6 | s |
| Skilled and semiskilled | 100 | 5 | 10 | 10 | 12 | 19 | 20 | 22 | 2 | s |
| Unskilled and service | 100 | 13 | 18 | 11 | 14 | 18 | 13 | 13 | a | $\stackrel{1}{ }$ |
| Farm operator | 100 | 1 | 4 | 4 | 6 | 14 | 19 | 26 | 18 | 8 |
| Retired | 100 | 16 | 5 | 4 | 2 | 7 | 14 | 31 | 13 | 8 |
| All other | 100 | 16 | 15 | 9 | 11 | 12 | 19 | 15 | 3 | . |
| All spending units | 100 | 7 | 10 | 8 | 10 | 15 | 17 | 22 | 8 | 3 |


[^0]:    ${ }^{1}$ A more extensive discussion of inequality among wealth-holders and changes in inequality over time is included at the end of Chapter 6.

[^1]:    ${ }^{2}$ Table 37 summarizes the relationships between percentages of wealth-holders and percentages of aggregate gross estate among the age groups of living wealthholders in 1944 and 1953. These relationships can be observed for 1948, 1949, and 1950, but without the insurance correction, in the tables in Appendix A.

    The only notable difference between the distribution of 1944 and 1953 is the relatively greater weight of the 30 to 40 age bracket in 1944. This can be ascribed, at least in large part, to the different mortality rates used in the two studies.
    ${ }^{3}$ Substantially the same relationship was observed in net estate data by Mendershausen (R. W. Goldsmith, A Study of Saving in the United States, III,

[^2]:    ${ }^{4}$ This loss of earning power may be considered as a loss of asset value. Dublin et al. calculate, using a 2.5 per cent interest rate, the present value of the annual earnings of a man 35 years old at $\$ 63,000$; at age 55 the present value will have fallen to $\$ 28,500$ (Louis I. Dublin, Alfred J. Lotka, and Mortimer Spiegelman, Length of Life, rev. ed., New York, 1949, Table 67, p. 276).
    ${ }^{s}$ Peter O. Steiner and Robert Dorfman, The Economic Status of the Aged, Berkeley and Los Angeles, 1957, Table 8.3, p. 96.
    ${ }^{6}$ Ibid., pp. 68 and 96.
    ${ }^{7}$ Ibid., p. 114.
    ${ }^{8}$ To observe this relationship for other years, see Appendix Tables A-5 and A-6.

[^3]:    ${ }^{10}$ The reader who wishes to pursue this question further is referred to Appendix Table A-13.

[^4]:    ${ }^{11}$ It should be noted that the marital deduction introduced in 1948 lessened the tax incentive for husbands to make gifts before death to their wives and similarly reduced the tax advantage of using the life estate. The 1954 law, however, allowed a life estate to be counted in the marital deduction and hence restored the tax incentive for its use. Another possible explanation of why community states are not underrepresented may be that there is more voluntary splitting of estates via gifts to persons other than spouses in common law states than in community property states.

[^5]:    ${ }^{12}$ Simon Kuznets, Shares of Upper Income Groups in Income and Savings, New York, National Bureau of Economic Research, 1953, pp. 28-29.

[^6]:    ${ }^{18}$ Current Population Reports: Consumer Income, P-60, No. 11, Washington, 1953, Table 1. For a discussion of occupation as a determinant of income, see Kuznets, Shares of Upper Income Groups, Part II, Chapter 5; Herman P. Miller, Income of the American People, New York, 1955, pp. 29 ff ; and Jacob Mincer, "A Study of Personal Income Distribution," unpublished Ph.D. dissertation, Columbia University, New York, 1957.

[^7]:    a Adjusted to account for returns with age unspecified.
    b For the total population, the age groups are "under 20 " and "20 to 30 ."

    - The entire under 21 age group has been added in here for lack of a detailed breakdown.

[^8]:    ${ }^{\text {a }}$ Paul C. Glick, American Families, New York, 1957, Table 33, p. 54.
    ${ }^{\mathrm{b}}$ Ibid., Table 64, p. 98.
    ${ }^{-}$Ibid., Table 65, p. 99.
    d Ibid., Table 33, p. 54.

[^9]:    Sourcr: J. B. Lansing and J. N. Morgan, "Consumer Finances over the Life Cycle," Consumer Behavior, II, L. Clarke, ed., New York, 1955; Tables 4, 6, 8, 12, and 13.

[^10]:    Source: Steiner and Dorfman, Economic Status of Aged, Table 8.13, p. 112
    : Sample dangerously small.

[^11]:    a The average for common law states was $\$ 506,000$ and for community property states, $\$ 267,000$.
    ${ }^{b}$ The average economic estate for all ages was $\$ 166,029$ for both sexes, $\$ 144,067$ for men, and $\$ 211,330$ for women.

[^12]:    a Derived by using adjusted mortality rates.

[^13]:    ${ }^{\text {c }}$ Total population in age group estimated from data on broader age group.

[^14]:    Source: Table 57.

[^15]:    ${ }^{\text {a }}$ Adjusted mortality rates have been used and insurance amounts have been reduced to equity.

[^16]:    ${ }^{\text {a }}$ Adjusted mortality rates have been used and insurance amounts have been reduced to equity.

