

# 1950 CENSUS OF POPULATION

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### CHARACTERISTICS OF THE POPULATION OF THE MEMPHIS, TENN., STANDARD METROPOLITAN AREA: APRIL 1, 1950

#### Preliminary Data

(The reports in this series are numbered in alphabetical order according to the names of the standard metropolitan areas. The number of the report, therefore, does not indicate the sequence of publication. Reports in this series will be issued for the 57 standard metropolitan areas with a population of 250,000 or more in 1940)

A record number of young children, a large proportion of married persons, and a small average size of household are among the many facts about the population of the Memphis Standard Metropolitan Area<sup>1</sup> reflected in statistics of the 1950 Census of Population. Preliminary figures on these and other population characteristics of the metropolitan area were released today by Roy V. Peel, Director, Bureau of the Census, Department of Commerce.

The total population of the standard metropolitan area and the city of Memphis shown in this report is based primarily on the preliminary field counts of the 1950 Census; to these counts have been added the residents of the metropolitan area who were enumerated elsewhere and crews of vessels docked within the metropolitan area but not included in the preliminary count. All of the other 1950 figures are based on a sample of the census returns. The sample data are subject to sampling variability, as explained in the section on "Reliability of 1950 estimates." It can be seen from the tables in that section that the smaller figures should be interpreted with particular care, as should also the smaller differences between figures.

The total population of the metropolitan area increased during the last decade from 358,250 on April 1, 1940, to 482,400 on April 1, 1950. These figures indicate a gain of about 124,150, or 35 percent. (See

table 1.) During the same period, the city of Memphis increased from 292,942 to 396,000, representing a gain of about 103,050, or 35 percent.

The white population constituted 66 percent of the total population in the metropolitan area in 1950 and 64 percent in the central city. Between 1940 and 1950 the white population of the metropolitan area increased from 202,955 to 317,900, a gain of 57 percent. The nonwhite population increased a lesser rate, 6 percent, from 155,295 in 1940 to 164,400 in 1950.

Females outnumbered males, 247,400 to 234,900, in the metropolitan area. The sex ratio in the area was 95 males per 100 females in 1950, about the same as in 1940.

Children under 5 years old increased between 1940 and 1950 at a more rapid rate than any other age group, largely because of high birth rates during recent years. The increase was 128 percent for this age group as compared with 35 percent for the total population. The increase was greater for whites than for nonwhites. The rate of increase for the age group 65 years old and over, 54 percent, also exceeded that for the total population. The median age of the total population of the metropolitan area in 1950 was 28.9 years as compared with 30.0 years in 1940. The nonwhite population had about the same average age as the white population.

A large proportion of persons 14 years old and over in the metropolitan area were married, namely, 70 percent. (See table 2.) Eighteen percent were single, and 12 percent were widowed or divorced. Of the 116,200

<sup>1</sup> The Memphis Standard Metropolitan Area comprises Shelby County, Tenn.

married couples in the metropolitan area, 11,300, or 10 percent, did not have their own household but were sharing the homes of others as relatives or as lodgers. In Memphis city about the same proportion of the married couples were without their own household. (See table 3.) Nonwhite couples more frequently had "doubled-up" living arrangements than other couples.

Families in the metropolitan area numbered 126,600. In addition, there were 40,500 "unrelated individuals," who lived alone or with nonrelatives only. Unrelated individuals constituted 8 percent of the total population of the metropolitan area as a whole and 8 percent of the population of the central city. The average size of household in 1950 for the metropolitan area was 3.4 persons. For the city the average household size remained about the same as in 1940, having been 3.3 in 1950. This fact indicates that household formation proceeded at about the same pace during the period as the growth of population. The average number of persons in nonwhite households in the city in 1950 was approximately equal to the average for all households.

Approximately 77,900 persons 5 to 24 years old were enrolled in public and private schools in this metropolitan area in 1950; this figure excludes children in kindergarten. The corresponding number in 1940, 64,104, was substantially smaller. (See table 4.) The enrollment rate in the age group 5 to 13 years old was 81 percent in 1950. This age group includes the men children born during the war who had not yet entered school in 1950. Among those 14 to 17 years old, a similar proportion, 83 percent, were enrolled; this age group includes some children who had left school to enter the labor market. In the age group 18 to 24 years, 13 percent were enrolled in 1950, about the same as in 1940. Most of the students 18 to 24 years old were enrolled in college. In 1950 college students were enumerated at their college residence, whereas in 1940 they were usually enumerated at their parental home.

The people living in the metropolitan area in 1950 were very highly mobile. Among persons 1 year old and over, 27 percent were reported as living in a different house in April 1950 from that in April 1949. (See table 5.) About 18 percent moved from one house to another in the same county, and 9 percent moved from another county or from abroad within the preceding year. The proportion of persons moving was less among nonwhites within the metropolitan area than among the total population.

The population changes since 1940 noted above were accompanied by changes in the size of the labor force in the Memphis Standard Metropolitan Area. During the last decade, the labor force (which consists of the employed, the unemployed, and the armed forces) expanded by approximately 28 percent. An estimated 208,500 residents of the metropolitan area were in the

labor force in April 1950 as compared with 162,570 in 1940. In the city of Memphis itself, the labor force increased by 26 percent in the past decade to reach a total of 174,700 in 1950. (See table 7.)

This expansion was solely the result of the increase in population in the metropolitan area; the proportion of persons in the labor force did not change significantly over the 10-year period. In both 1940 and 1950, 83 percent of all males 14 years old and over in the metropolitan area were in the labor force, although the number of male workers increased from 111,687 to 143,200 over the decade. Similarly, the proportion of women 14 years old and over in the labor force was about 35 percent in both years; the number in the female labor force rose from 50,883 to 65,300. The trend within the city of Memphis differed only slightly. There was a moderate decline in the labor force proportion for men--from 84 percent in 1940 to 82 percent in 1950--and no change in the proportion for women--37 percent, at both dates.

The 1950 data indicate a drop in the proportion of nonwhite persons in the labor force over the 10-year period, due, in part, to the sharp rise in school enrollment for the nonwhite population 14 to 24 years old. The change in the age composition among nonwhite adults also contributed to this development. The number in the 25 to 44 age group, for whom the proportion in the labor force is relatively large, declined over the past decade, whereas the number of older persons in the nonwhite population increased over this period. Both within the city of Memphis and for the metropolitan area as a whole, the proportion of nonwhite males in the labor force was 80 percent in 1950, as compared with approximately 85 percent in 1940. Among nonwhite women, the proportion remained relatively unchanged over the decade at about 40 percent for the metropolitan area as a whole; however there was a decline from 45 to 41 percent for city residents.

In the Memphis labor force, proportionately fewer of the workers were unemployed than had been the case in 1940. In April 1950, 9,400 persons, or 5 percent of the civilians in the labor force of the metropolitan area, were unemployed. Ten years earlier when business activity was relatively slack, 22,012, or approximately 14 percent of the workers, were unemployed. Unemployment rates in the city followed a pattern identical to that of the metropolitan area as a whole, with the number of unemployed city residents dropping to 8,500 in 1950 from the 19,609 recorded in the previous census. In 1940, proportionately more of the nonwhite workers had been unemployed than was the case for white workers, but the proportion for nonwhite workers also declined over the decade--from 18 percent in 1940 to 8 percent in 1950.

The number of employed civilians living in the Memphis Standard Metropolitan Area reached a

total of 186,200 in 1950, or 33 percent above 1940. Of the 1950 total, 86 percent, or 160,400, were working full time (35 hours or more) during the census week. Of the remainder, 20,500 were working only part time and 5,300 were temporarily absent from their jobs all week because of illness, vacation leave, bad weather, labor dispute, or for similar reasons. (See table 6.) The percentage increase of employed persons living within the city of Memphis was slightly greater, 39 percent, than for the metropolitan area as a whole; 165,300 city residents were employed at civilian jobs in April 1950 as compared with the 119,152 reported 10 years earlier.

The expansion in the number of employed persons living in the metropolitan area occurred entirely among wage and salary workers. This group, which includes both private and government wage and salary workers, rose from 116,540 to 169,400 during the decade. The number of self-employed persons, however, decreased from 20,762 in 1940 to a level of 16,100 in 1950. As a result, this group, which is made up mainly of independent business and professional people, constituted only 9 percent of the total employed in 1950, in comparison with 15 percent in 1940. (See table 10.)

Among residents of Memphis city, the number of persons employed by government increased by 72 percent over the last decade. This group, which includes all Federal, State, and local government workers, rose from 9,908 to 17,000 in 1950. During the same period, the number of private wage and salary workers increased by 42 percent, to a level of 135,500.

From the standpoint of occupational trends, the last decade was marked by particularly large increases in the numbers of employed clerical and sales workers, skilled craftsmen, and semi-skilled operatives living in the metropolitan area. In the case of the clerical and sales group, the increase was largely concentrated among the clerical workers. The expansion of the employed craftsmen, foremen, and kindred workers group from 14,996 to 26,300 is of special significance, since this group possesses many of the occupational skills essential to defense production. Also of importance in this connection is the increase from 9,679 to 13,000 in the number of workers employed in professional, technical, and kindred occupations. (See table 11.)

Among working women, there was a marked trend away from the domestic service field. In 1940, one out of every three employed women in the metropolitan area was a private household worker, whereas in 1950 only one out of six was so employed.

In 1950, 49,900 of the workers living in the Memphis Standard Metropolitan Area were employed in wholesale and retail trade, an increase of 57 percent over 1940. The number of workers employed in manufacturing rose by 49 percent to

a 1950 level of 37,500. Gains in employment of 69 percent and 45 percent occurred in the construction and public utility industries, respectively. The number of workers engaged in the service industries, one of the dominant activities in the metropolitan area, rose by only 12 percent, and stood at 49,500 in 1950. Furthermore, agriculture, which employed 11,724 of the metropolitan area's residents in 1940, decreased by 61 percent to a 1950 figure of 4,600. As a result of these changes, agriculture and the service industries declined sharply in importance as a field of employment among the various broad industry groups, whereas trade, particularly, rose in relative importance over the decade. (See table 12.)

Except for the differences arising from the decline in agriculture, occupational and industrial trends in the city were about the same as those in the metropolitan area as a whole. Furthermore, the occupational and industrial changes during the 10-year period resulted in the city and the entire metropolitan area having almost identical distributions in 1950; back in 1940, there were marked differences between the two sets of distributions.

The generally high employment level was reflected in the figures on family income. The average (median) family income in 1949 in the Memphis Standard Metropolitan Area was \$2,777. The median for families and unrelated individuals combined was lower (\$2,322). Approximately 13 percent of the families and unrelated individuals in the metropolitan area received incomes of \$5,000 or more, whereas 43 percent had incomes under \$2,000. (See table 13.)

Nonwhite families and individuals have lower incomes, on the average, than the white population. In 1949 the median income of nonwhite families and individuals (\$1,348) in the Memphis Standard Metropolitan Area was only about 44 percent of that received by white families and individuals (\$3,085).

An estimated 151,400 metropolitan area residents 14 years old and over were outside the labor force at the time of the census. (See table 6.) Women engaged in their own home housework (96,000 in April 1950) constituted the major category outside the labor force. Some of them did not have the responsibility for the care of small children and were possible recruits for jobs outside the home. Another group outside the labor force at the time of the census (designated as "Other and not reported") included, primarily, seasonal workers for whom April was an "off" season, the retired, and the voluntarily idle. An estimated 17,300 in this group in April 1950 were 20 years old and over. The remaining persons outside the labor force probably did not represent a source of additional manpower. Some 21,000 were teen-agers, most of whom were attending full-time school. An additional 16,700 were in institutions or were reported as permanently unable to work.

DEFINITIONS OF TERMS AND EXPLANATIONS

Several of the definitions and concepts used in the 1950 Census represent changes from those of 1940. These changes were made, after consultation with users of census data, in order to improve the statistics, even though it was recognized that comparability would be adversely affected. When it has been feasible to do so, measures of the impact of the change on the statistics have been, or are being, developed.

Coverage.--The figures in the present series of reports cover the entire population, including the institutional population and members of the armed forces residing in the standard metropolitan area at the time of the enumeration. The reports present separate data for each city with a 1940 population of 250,000 or more.

Standard metropolitan area.--Each standard metropolitan area contains at least one city of 50,000 or more. In general, each comprises an entire county or group of two or more contiguous counties that are economically and socially integrated. The outlying counties must meet several qualifications regarding population density and the volume of nonagricultural employment. In New England, standard metropolitan areas comprise groups of contiguous cities and towns.

Color.--The group designated as "nonwhite" consists of Negroes, Indians, Japanese, Chinese, and other nonwhite races. Persons of Mexican birth or ancestry who are not definitely Indian or of other nonwhite race are classified as white. For standard metropolitan areas containing a central city of at least 250,000 inhabitants, separate statistics are presented for nonwhites if, in 1940, nonwhites comprised at least 20 percent of the population of both the area and the central city. For other standard metropolitan areas statistics for nonwhites are presented if, in 1940, nonwhites comprised 20 percent of the population of the area as a whole.

Age.--The age classification is based on the age of the person at his last birthday before the time of the enumeration, that is, the age of the person in completed years.

Marital status.--The marital status classification refers to the marital status at the time of the enumeration. Thus, some persons classified as married were previously widowed or divorced. Persons reported as separated are classified as married.

Married couple.--A married couple is defined as a husband and wife enumerated as members of the same household or quasi household. A married couple "with own household" is one with the husband as the head of the household. All other married couples are classified as "without own household."

Household.--A household includes all of the persons, without regard to relationship, who occupy a house, an apartment or other group of rooms, or a room, that constitutes a dwelling unit. Quasi households, such as institutions, hotels, large rooming houses, and military barracks are not counted as households. The number of households, as shown in this report, may be regarded as comparable with the number of "families" or "private households" shown in the reports of the 1940 Census. The instructions used for identifying a household in the 1950 Census were more explicit than those used in the 1940 Census, but this difference in the instructions may not have had a significant effect on the number of households shown.

Family.--A family is defined as a group of two or more persons related by blood, marriage, or adoption and residing together; all such persons are considered as members of the same family. The term "family" as used in the 1950 Census is not comparable with that used in the 1940 Census. The new definition excludes the large number of household heads with no relatives in the household who would have been classified as families under the old definition; on the other hand, it includes the small number of groups of persons in households related to each other but not related to the household head or groups of related persons in quasi households who would not have been classified as families under the old definition.

Unrelated individual.--The term "unrelated individual" refers to a person (other than an inmate of an institution) who is living alone or with persons all of whom are not related to him. An unrelated individual may constitute a one-person household, he may be part of a household including other persons unrelated to him, or he may reside in a rooming house, dormitory, etc. In this report, data for unrelated individuals are shown only for persons 14 years of age and over.

School enrollment.--School enrollment is defined as enrollment at any time between February 1 and April 1, 1950, in any school which qualifies as a "regular" school. Regular schools

are those in which a person may be advanced toward an elementary or high school diploma, or a college, university, or professional school degree. Such schools may be public or private, day or night; and enrollment in them may be full or part time. Regular school enrollment does not include enrollment in kindergarten or nursery school or, generally, enrollment in vocational, trade, business, or correspondence schools.

Residence in 1949.--This is the usual place of residence one year prior to the date of enumeration.

Employment status

Census week.--The 1950 data on employment status in this report pertain to the calendar week preceding the enumerator's visit. This week, defined as the "census week," is not the same for all respondents, because not all persons were enumerated during the same week. The majority of the population was enumerated during the first half of April. The 1940 data refer to a fixed week for all persons, March 24 to 30, 1940, regardless of the date of enumeration.

Employed.--Employed persons comprise all civilians 14 years old and over who, during the census week, were either (a) "At work"--those who did any work for pay or profit, or worked without pay for 15 hours or more on a family farm or business; or (b) "With a job but not at work"--those who did not work and were not looking for work but had a job or business from which they were temporarily absent because of vacation, illness, industrial dispute, bad weather, or layoff with definite instructions to return to work within 30 days of layoff. Also included as "with a job" are persons who had new jobs to which they were scheduled to report within 30 days.

Unemployed.--Persons 14 years old and over are classified as unemployed if they were not at work during the census week but were either looking for work or would have been looking for work except that (a) they were temporarily ill, (b) they expected to return to a job from which they had been laid off for an indefinite period, or (c) they believed no work was available in their line of work or in their community. In addition to these groups, persons on public emergency work were included in the unemployed figures in 1940.

Civilian labor force.--The civilian labor force includes all persons classified as employed or unemployed in accordance with the criteria described above.

Total labor force.--Members of the armed forces (persons on active duty with the United States Army, Air Force, Navy, Marine Corps, or Coast Guard) are added to the civilian labor force to obtain the total labor force.

Not in labor force.--All civilians 14 years of age and over who are not classified as employed or unemployed are defined as "not in the labor force." This group includes persons doing only incidental unpaid family work (less than 15 hours). Persons not in the labor force are further classified as "keeping house," "unable to work," "inmate of an institution," or "other and not reported." The "unable to work" group includes persons who cannot work because of a long-term physical or mental illness or disability. Persons in the "other" group include students, the retired, those too old to work, seasonal workers for whom the census week fell in an "off" season, and the voluntarily idle.

Hours worked.--The statistics on hours shown for persons at work refer to the number of hours they actually worked during the census week, and not necessarily the number they usually worked or their scheduled number of hours. For persons working at more than one job, the figures relate to the hours worked at all jobs during the week. Persons for whom the number of hours worked was not reported are included in the "35 hours or more" group.

Occupation, industry, and class of worker.--The occupation, industry, and class-of-worker data for employed persons relate to the job held during the census week. Persons employed at two or more jobs were reported in the job at which they worked the greatest number of hours during that week.

The occupational and industrial categories shown here are largely major groups in the classification systems used for the 1950 Census of Population. Lists of the specific occupation and industry categories included in each major group may be obtained by writing to the Bureau of the Census. In the classification by industry, the category "Service industries" includes the following 1950 major groups: finance, insurance, and real estate; business and repair services; personal services; entertainment and recreation services; and professional and related services. The residual category "All other industries" includes the forestry, fisheries, mining, and public administration groups. By "public administration" is meant those activities which are uniquely governmental functions such as legislative and judicial activities and

most of the activities in the executive agencies. Government agencies engaged in educational and medical services and in activities commonly carried on also by private enterprises, such as transportation service and manufacturing, are classified in the appropriate industrial category.

The class-of-worker classification comprises "Private wage and salary workers," "Government workers," "Self-employed workers," and "Unpaid family workers." Private wage and salary workers are persons working for wages, salary, commission, tips, pay in kind, or at piece rates for a private employer. Government workers are persons working for any governmental unit, Federal, State, or local, regardless of the industry in which they are working. Self-employed workers are persons working in their own business, profession, or trade, or operating a farm, for profit or fees. Unpaid family workers are persons working without pay on a farm or in a business operated by a member of the household to whom they are related by blood or marriage.

Total money income.--Total money income is the sum of the income received, less losses, by all members of a family, or by an unrelated individual, from the following sources: money wages or salary; net income (or loss) from the operation of a farm, ranch, business, or profession; net income (or loss) from rents, or receipts from roomers, or boarders; royalties; interest, dividends, and periodic income from estates and trust funds; pensions; veterans' payments, armed forces allotments for dependents, and other governmental payments or assistance; and other income such as contributions for support from persons who are not members of the household, alimony, and periodic receipts from insurance policies or annuities. The figures represent the amount of income received before deductions for personal income taxes, social security, bond purchases, union dues, etc.

Receipts from the following sources were not included as income: money received from the sale of property, such as stocks, bonds, a house, or a car, unless the person was engaged in the business of selling such property; the value of income "in kind," such as food produced and consumed in the home, free living quarters, etc.; withdrawals of bank deposits; money borrowed; tax refunds; gifts; and lump-sum inheritances or insurance payments.

#### Comparability of labor force data

Comparability with 1940.--The 1940 data on the labor force shown in this report may not

be completely comparable with those for 1950. During the period 1940 to 1950, various improvements were developed in the questionnaires and in interviewing techniques, designed to obtain a more nearly complete count of the labor force.<sup>2</sup> The improvements in the questionnaire were incorporated into the 1950 Census schedule, and interviewing techniques were stressed in training. To the extent that the 1950 data are affected by these measures, the differences between 1940 and 1950 Census results reflect not only actual changes in the activity of the population but also changes in procedure.

The occupational and industrial classification systems used in 1950 are basically similar to those used in 1940. Certain modifications, however, have been introduced in the specific content of particular groups, and there have also been several changes in title. The 1940 data shown here include adjustments which take account of the major content revisions in the classification systems. It should be noted that the unavailability of certain 1940 figures has made it impossible to present separate 1940 metropolitan area data for the following groups: "Sales workers" and "Clerical and kindred workers" in the occupation table; the subgroups of "Manufacturing" in the industry table; and "Private wage and salary workers" and "Government workers" in the class-of-worker table.

The 1940 data for employed persons vary in some cases from the figures originally published. In 1940, members of the armed forces were included among employed persons. This approach differs from the 1950 procedure since in 1950 the employed total is limited to civilians, and the armed forces represent the difference between the civilian and total labor force. Wherever necessary, therefore, the 1940 figures have been adjusted to exclude the estimated number of armed forces personnel living in the area in 1940. In those areas in which adjustments have been made, the following 1940 statistics for males and for both sexes combined are affected: "Employed"; certain occupation groups (primarily "Service workers, except private household"); the industry group "All other industries"; and the class-of-worker group "Government workers."

Comparability with current data.--The 1950 Census employment data were obtained by household interview and will differ from statistics based on reports from individual business

<sup>2</sup> See United States Bureau of the Census, Current Population Reports, "Labor Force, Employment, and Unemployment in the United States, 1940 to 1946," Series P-50, No. 2, September 11, 1947.

establishments and farm enterprises. The data based on household interviews provide information about the work status of the whole population, without duplication. Persons employed at more than one job are counted only once as employed and are classified according to the job at which they worked the greatest number of hours during the census week. Estimates based on reports from business and farm establishments, on the other hand, count more than once persons who work for more than one establishment. Differences will also arise from the fact that other estimates, unlike those presented here, generally exclude private household workers, unpaid family workers, and self-employed persons, and may include workers less than 14 years of age. An additional difference arises from the fact that persons with a job but not at work are included with the employed in the estimates shown here, whereas only part of this group is likely to be included in employment figures based on establishment payroll reports. Furthermore, the household-type data refer to residents of the locality regardless of where they work, whereas establishment reports relate to persons working in the locality regardless of their place of residence.

For a number of reasons, the unemployment estimates of the Bureau of the Census are not directly comparable with the published figures for unemployment compensation claims or claims for veterans' readjustment allowances. Certain persons such as private household and government workers are generally not eligible for unemployment compensation. Further, the place where claims are filed may not necessarily be the same as the place of residence of the unemployed worker. In addition, the qualifications for drawing unemployment compensation differ from the definition of unemployment used by the Census Bureau. For example, persons working only a few hours during the week and persons with a job but not at work are sometimes eligible for unemployment compensation, but are classified by the Census Bureau as employed. Furthermore, some persons may be reported to the census enumerator as not looking for work even though they might consider themselves available for jobs and be eligible for unemployment compensation.

Comparability of income data.--For several reasons, the income data shown in this report are not directly comparable with those which may be obtained from statistical summaries of income tax returns. Income as defined for tax purposes differs somewhat from the Census concept. Moreover, income tax coverage is less inclusive

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because of the exemptions of persons having small amounts of income. Furthermore, some of the income tax returns are filed as separate returns and others as joint returns and consequently, the income reporting unit is not consistently either a family or a person.

#### SOURCE AND RELIABILITY OF DATA

Source of data.--The 1950 estimates presented in this report are based on a sample of approximately 17,200 persons selected from those enumerated on sample lines in the 1950 Census of Population. These persons are located in about 160 Census enumeration districts systematically selected from all enumeration districts throughout the metropolitan area. Although the figures are based on data from the 1950 Census, there may be differences between the data in the present report and the data to be published in the final 1950 Census reports, apart from differences caused by the sampling variability. The main reason for such differences is that the preliminary estimates do not include all of the refinements that result from the careful examination of the schedules and tables to which the Census data will be subject prior to the publication of the final report.

The figures for 1940 are the results of the complete enumeration in the 1940 Census of Population. These and more detailed figures on the same subjects may be found in the published volumes of the 1940 Census Reports on Population.

Each of the 1950 figures is separately rounded to the nearest hundred, therefore detailed figures do not always add to totals. Percentages for 1950 are based on the rounded absolute numbers.

Reliability of 1950 estimates.--As indicated previously, the total populations of the standard metropolitan area and the city of Memphis shown in this report are based primarily on the preliminary field counts of the 1950 Census, with some minor adjustments. Editing revisions may change these figures somewhat in the final report. All of the other 1950 estimates are based on sample data, and are therefore subject to sampling variability. Although the smaller figures are subject to large relative sampling variability, they are shown in the tables to permit the analysis of various combinations of the figures that would have smaller relative sampling variability. The following table presents the approximate sampling variability of estimates of selected sizes for the city of Memphis and the metropolitan area (except for the nonwhite population). The chances are about

19 out of 20 that the difference due to sampling variability between an estimate and the figure which will be available later from the complete tabulations of the 1950 Census is less than the sampling variability indicated below:

Size of estimate of 1950 data	Sampling variability of 1950 data	
	Metropolitan area	Central city
2,500.....	700	600
5,000.....	1,000	900
10,000.....	1,400	1,200
25,000.....	2,200	1,900
50,000.....	2,900	2,600
100,000.....	3,900	3,400
200,000.....	4,800	4,000
300,000.....	4,700	3,400
350,000.....	4,300	2,500
400,000.....	3,600	...
450,000.....	2,500	...

To illustrate, there are an estimated 30,000 males under 5 in the metropolitan area. The sampling variability is about 2,300. The chances are about 19 out of 20 that the figure obtained from the complete tabulation of the 1950 Census will be between 27,700 and 32,300.

The above figures reflect the sampling variability of characteristics of the total population and the white population. For the nonwhite population the sampling variability for estimates of the same size is about twice that shown in the table.

Data on residence in 1949 have variability about three times the figures given in the above table.

In addition to the estimated number of persons with the specified characteristics, the 1950 data in the tables in the report also include percent distributions. In general, the reliability of an estimated percentage depends upon both the size of the percentage and the size of the total on which it is based. The following table presents the approximate sampling variability of estimated percentages based on totals of selected sizes:

If the estimated percentage is:	And if the size of the base is:					
	5,000	10,000	25,000	50,000	100,000	Total population
Then the chances are about 19 out of 20 that the difference due to sampling variability between the estimated percentage and the percentage which will be available later from the complete tabulation of the 1950 Census is less than:						
Metropolitan area						
2 or 98	2	2	1	1	1	1
5 or 95	4	3	2	1	1	1
10 or 90	6	4	3	2	1	1
25 or 75	9	6	4	2	2	1
50	10	7	5	3	2	1
Central city						
2 or 98	2	2	1	1	1	1
5 or 95	4	3	2	1	1	1
10 or 90	5	4	2	2	1	1
25 or 75	8	5	3	2	2	1
50	9	6	4	3	2	1

To illustrate, of the estimated 14,000 males 65 and over in the metropolitan area, 43 percent are in the labor force. The sampling variability is about 6 percent. The chances are about 19 out of 20 that the percentage which will be obtained from the complete tabulation of the 1950 Census will be between 37 percent and 49 percent.

The attached tables in the report also show the percent change from 1940 to 1950 for many of the characteristics of the population for which data are presented. Since the 1940 data are not based on a sample, the sole cause of the sampling variability in these per-

centages is the variability in the 1950 estimates. The sampling variability of any percent change, therefore, is the sampling error of the estimated number of persons possessing that particular characteristic in 1950, divided by the 1940 figure for that characteristic.

In addition to sampling variation and limitations of the types mentioned above, the estimates are subject to biases due to errors of response and to nonreporting. The possible effect of such biases is not included in the measures of reliability; data obtained from a complete count of all persons are also subject to these biases.

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Table 1.--COLOR AND AGE, BY SEX, FOR THE MEMPHIS STANDARD METROPOLITAN AREA AND MEMPHIS CITY: 1950 AND 1940  
(Percent change, 1940 to 1950, not shown where less than 1)

Area, color, and age	1950			1940			Percent change, 1940 to 1950		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>MEMPHIS STANDARD METROPOLITAN AREA</b>									
Total population.....	482,400	234,900	247,400	358,250	172,383	185,867	35	36	33
<b>Color</b>									
White.....	317,900	157,600	160,400	202,955	98,500	104,455	57	60	54
Nonwhite.....	164,400	77,400	87,100	155,295	73,883	81,412	6	5	7
Percent.....	100	100	100	100	100	100	...	...	...
White.....	66	67	65	57	57	56	...	...	...
Nonwhite.....	34	33	35	43	43	44	...	...	...
<b>Age--Total</b>									
Under 5 years.....	59,500	30,000	29,500	26,041	13,193	12,848	128	127	130
5 to 9 years.....	39,300	20,200	19,100	25,980	12,822	13,158	51	58	45
10 to 14 years.....	28,900	14,300	14,500	28,820	14,393	14,427	...	-1	1
15 to 24 years.....	77,200	35,600	41,500	63,972	29,498	34,474	21	21	20
25 to 34 years.....	92,500	46,500	46,000	68,295	31,617	36,678	35	47	25
35 to 44 years.....	70,100	33,300	36,800	57,949	27,814	30,135	21	20	22
45 to 64 years.....	83,900	41,000	43,000	67,053	33,734	33,319	25	22	29
65 years and over.....	31,000	14,000	17,000	20,140	9,312	10,828	54	50	57
Median age.....years..	28.9	28.7	29.2	30.0	30.2	29.9	...	...	...
Percent.....	100	100	100	100	100	100	...	...	...
Under 5 years.....	12	13	12	7	8	7	...	...	...
5 to 9 years.....	8	9	8	7	7	7	...	...	...
10 to 14 years.....	6	6	6	8	8	8	...	...	...
15 to 24 years.....	16	15	17	18	17	19	...	...	...
25 to 34 years.....	19	20	19	19	18	20	...	...	...
35 to 44 years.....	15	14	15	16	16	16	...	...	...
45 to 64 years.....	17	17	17	19	20	18	...	...	...
65 years and over.....	6	6	7	6	5	6	...	...	...
<b>Age--Nonwhite</b>									
Under 5 years.....	19,800	9,900	9,900	12,281	6,087	6,194	61	63	60
5 to 9 years.....	14,600	7,000	7,600	12,242	5,986	6,256	19	17	21
10 to 14 years.....	12,700	6,200	6,500	13,089	6,377	6,712	-3	-3	-3
15 to 24 years.....	26,000	10,800	15,100	27,174	12,113	15,061	-4	-11	...
25 to 34 years.....	24,600	11,600	13,100	30,152	13,537	16,615	-18	-14	-21
35 to 44 years.....	24,500	10,700	13,800	26,059	12,330	13,729	-6	-13	1
45 to 64 years.....	31,500	16,000	15,500	26,274	13,545	12,729	20	18	22
65 years and over.....	10,800	5,100	5,700	8,024	3,908	4,116	35	31	38
Median age.....years..	28.7	29.1	28.4	29.3	29.7	28.9	...	...	...
Percent.....	100	100	100	100	100	100	...	...	...
Under 5 years.....	12	13	11	8	8	8	...	...	...
5 to 9 years.....	9	9	9	8	8	8	...	...	...
10 to 14 years.....	8	8	7	8	9	8	...	...	...
15 to 24 years.....	16	14	17	17	16	18	...	...	...
25 to 34 years.....	15	15	15	19	18	20	...	...	...
35 to 44 years.....	15	14	16	17	17	17	...	...	...
45 to 64 years.....	19	21	18	17	18	16	...	...	...
65 years and over.....	7	7	7	5	5	5	...	...	...

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Table 1.--COLOR AND AGE, BY SEX, FOR THE MEMPHIS STANDARD METROPOLITAN AREA AND MEMPHIS CITY: 1950 AND 1940--Con.

(Percent change, 1940 to 1950, not shown where less than 1)

Area, color, and age	1950			1940			Percent change, 1940 to 1950		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>MEMPHIS CITY</b>									
Total population.....	396,000	189,600	206,400	292,942	139,238	153,704	35	36	34
<b>Color</b>									
White.....	252,700	121,800	130,900	171,406	82,430	88,976	47	48	47
Nonwhite.....	143,200	67,700	75,500	121,536	56,808	64,728	18	19	17
Percent.....	100	100	100	100	100	100	...	...	...
White.....	64	64	63	59	59	58	...	...	...
Nonwhite.....	36	36	37	41	41	42	...	...	...
<b>Age--Total</b>									
Under 5 years.....	45,500	23,000	22,600	19,752	10,054	9,698	130	129	133
5 to 9 years.....	30,800	15,700	15,100	19,553	9,595	9,958	58	64	52
10 to 14 years.....	23,400	11,700	11,800	22,010	10,927	11,083	6	7	6
15 to 24 years.....	60,600	26,700	34,000	51,599	23,197	28,402	17	15	20
25 to 34 years.....	72,600	35,900	36,700	58,535	26,815	31,720	24	34	16
35 to 44 years.....	60,200	27,900	32,300	49,739	23,828	25,911	21	17	25
45 to 64 years.....	75,300	36,600	38,700	55,739	27,758	27,981	35	32	38
65 years and over.....	27,500	12,100	15,400	16,015	7,064	8,951	72	71	72
Median age.....years..	30.2	29.9	30.4	30.7	30.9	30.6	...	...	...
Percent.....	100	100	100	100	100	100	...	...	...
Under 5 years.....	11	12	11	7	7	6	...	...	...
5 to 9 years.....	8	8	7	7	7	6	...	...	...
10 to 14 years.....	6	6	6	8	8	7	...	...	...
15 to 24 years.....	15	14	16	18	17	18	...	...	...
25 to 34 years.....	18	19	18	20	19	21	...	...	...
35 to 44 years.....	15	15	16	17	17	17	...	...	...
45 to 64 years.....	19	19	19	19	20	18	...	...	...
65 years and over.....	7	6	7	5	5	6	...	...	...
<b>Age--Nonwhite</b>									
Under 5 years.....	17,000	8,600	8,400	8,679	4,325	4,354	96	99	93
5 to 9 years.....	12,000	5,800	6,300	8,690	4,223	4,467	38	37	41
10 to 14 years.....	10,300	5,300	5,000	9,390	4,493	4,897	10	18	2
15 to 24 years.....	22,100	9,300	12,800	20,301	8,630	11,671	9	8	10
25 to 34 years.....	22,500	10,600	11,900	25,211	11,063	14,148	-11	-4	-16
35 to 44 years.....	21,800	9,600	12,200	22,356	10,591	11,765	-2	-9	4
45 to 64 years.....	28,200	14,300	13,900	20,998	10,770	10,228	34	33	36
65 years and over.....	9,300	4,300	5,000	5,911	2,713	3,198	57	58	56
Median age.....years..	29.5	29.6	29.4	30.4	31.1	29.9	...	...	...
Percent.....	100	100	100	100	100	100	...	...	...
Under 5 years.....	12	13	11	7	8	7	...	...	...
5 to 9 years.....	8	9	8	7	7	7	...	...	...
10 to 14 years.....	7	8	7	8	8	8	...	...	...
15 to 24 years.....	15	14	17	17	15	18	...	...	...
25 to 34 years.....	16	16	16	21	19	22	...	...	...
35 to 44 years.....	15	14	16	18	19	18	...	...	...
45 to 64 years.....	20	21	18	17	19	16	...	...	...
65 years and over.....	6	6	7	5	5	5	...	...	...

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Table 2.--MARITAL STATUS OF THE POPULATION 14 YEARS OLD AND OVER, BY SEX AND COLOR, FOR THE MEMPHIS STANDARD METROPOLITAN AREA AND MEMPHIS CITY: 1950

Area and marital status	Total	Male	Female	Percent distribution		
				Total	Male	Female
<b>MEMPHIS STANDARD METROPOLITAN AREA</b>						
Total, 14 years and over.....	359,900	172,700	187,200	100	100	100
Single.....	63,200	34,900	28,300	18	20	15
Married.....	253,300	126,600	126,600	70	73	68
Widowed or divorced.....	43,500	11,100	32,300	12	6	17
Nonwhite, 14 years and over.....	119,800	55,500	64,300	100	100	100
Single.....	20,100	10,800	9,400	17	19	15
Married.....	82,900	40,300	42,600	69	73	66
Widowed or divorced.....	16,800	4,400	12,400	14	8	19
<b>MEMPHIS CITY</b>						
Total, 14 years and over.....	300,400	141,100	159,300	100	100	100
Single.....	51,300	26,600	24,700	17	19	16
Married.....	209,600	105,100	104,500	70	74	66
Widowed or divorced.....	39,500	9,400	30,100	13	7	19
Nonwhite, 14 years and over.....	105,900	49,200	56,700	100	100	100
Single.....	16,900	9,300	7,500	16	19	13
Married.....	73,800	36,000	37,800	70	73	67
Widowed or divorced.....	15,300	3,900	11,400	14	8	20

Table 3.--MARRIED COUPLES, FAMILIES, AND HOUSEHOLDS, BY COLOR, FOR THE MEMPHIS STANDARD METROPOLITAN AREA AND MEMPHIS CITY: 1950

Subject	Memphis Standard Metropolitan Area		Memphis city	
	Total	Nonwhite	Total	Nonwhite
<b>MARRIED COUPLES</b>				
Total.....	116,200	34,900	96,800	31,000
With own household.....	104,900	29,500	86,400	25,800
Without own household.....	11,300	5,400	10,400	5,200
Percent.....	100	100	100	100
With own household.....	90	85	89	83
Without own household.....	10	15	11	17
<b>FAMILIES AND UNRELATED INDIVIDUALS</b>				
Total.....	167,100	54,800	138,500	48,800
Families.....	126,600	40,700	106,500	36,000
Unrelated individuals.....	40,500	14,100	32,000	12,800
<b>HOUSEHOLDS</b>				
Households.....	135,200	43,400	114,300	38,300
Population in households.....	461,400	158,300	382,100	137,700
Population per household.....	3.4	3.6	3.3	3.6

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Table 4.--SCHOOL ENROLLMENT OF PERSONS 5 TO 24 YEARS OLD, BY AGE AND COLOR, FOR THE MEMPHIS STANDARD METROPOLITAN AREA AND MEMPHIS CITY: 1950 AND 1940

Area, color, and age	1950			1940			Percent change in number enrolled in school, 1940 to 1950
	Total	Enrolled in school		Total	Enrolled in school		
		Number	Percent		Number	Percent	
<b>MEMPHIS STANDARD METROPOLITAN AREA</b>							
Total, 5 to 24 years.....	145,400	77,900	54	118,772	64,104	54	22
5 to 13 years.....	63,000	51,300	81	48,773	40,729	84	26
14 to 17 years.....	22,300	18,500	83	23,850	18,234	76	1
18 to 24 years.....	60,100	8,100	13	46,149	5,141	11	58
Nonwhite, 5 to 24 years....	53,200	30,200	57	52,505	26,362	50	15
5 to 13 years.....	24,800	20,300	82	22,620	18,527	82	10
14 to 17 years.....	10,000	8,000	80	10,513	6,839	65	17
18 to 24 years.....	18,400	1,900	10	19,372	996	5	91
<b>MEMPHIS CITY</b>							
Total, 5 to 24 years.....	114,800	63,600	55	93,162	49,507	53	28
5 to 13 years.....	50,100	41,200	82	36,947	30,947	84	33
14 to 17 years.....	18,100	15,200	84	18,311	14,170	77	7
18 to 24 years.....	46,700	7,200	15	37,904	4,390	12	64
Nonwhite, 5 to 24 years....	44,400	24,800	56	38,381	18,954	49	31
5 to 13 years.....	20,400	16,700	82	16,109	13,215	82	26
14 to 17 years.....	8,000	6,500	81	7,595	4,978	66	31
18 to 24 years.....	16,000	1,600	10	14,677	761	5	110

Table 5.--RESIDENCE IN 1949 OF THE POPULATION ONE YEAR OLD AND OVER, BY COLOR, FOR THE MEMPHIS STANDARD METROPOLITAN AREA AND MEMPHIS CITY: 1950

Area and residence in 1949	Total		Nonwhite	
	Number	Percent	Number	Percent
<b>MEMPHIS STANDARD METROPOLITAN AREA</b>				
Persons 1 year old and over.....	470,500	100	160,400	100
Same house as in 1950.....	339,600	72	128,800	80
Different house, same county.....	84,600	18	23,500	15
Different county or abroad.....	41,700	9	6,700	4
Residence not reported.....	4,500	1	1,400	1
<b>MEMPHIS CITY</b>				
Persons 1 year old and over.....	386,700	100	139,700	100
Same house as in 1950.....	290,500	75	113,500	81
Different house, same county.....	67,300	17	19,200	14
Different county or abroad.....	25,900	7	5,800	4
Residence not reported.....	2,900	1	1,100	1

Table 6.--EMPLOYMENT STATUS OF THE POPULATION, BY COLOR AND SEX, FOR THE MEMPHIS STANDARD METROPOLITAN AREA AND MEMPHIS CITY: 1950

(Percent not shown where less than 1)

Area, color, and employment status	Both sexes	Male	Female	Percent distribution		
				Both sexes	Male	Female
<b>MEMPHIS STANDARD METROPOLITAN AREA</b>						
Total						
Persons 14 years and over.....	359,900	172,700	187,200	100	100	100
Total labor force.....	208,500	143,200	65,300	58	83	35
Civilian labor force.....	195,600	130,400	65,200	54	76	35
Employed.....	186,200	124,500	61,700	52	72	33
Unemployed.....	9,400	5,900	3,500	3	3	2
Not in labor force.....	151,400	29,500	121,900	42	17	65
Keeping house.....	96,500	500	96,000	27	...	51
Unable to work or inmate of institution...	16,700	8,800	7,900	5	5	4
Other and not reported.....	38,300	20,300	18,000	11	12	10
14 to 19 years.....	21,000	9,500	11,500	6	6	6
20 to 64 years.....	13,300	8,200	5,100	4	5	3
65 years and over.....	4,000	2,600	1,400	1	2	1
Civilian labor force.....	195,600	130,400	65,200	100	100	100
Employed.....	186,200	124,500	61,700	95	95	95
At work.....	180,900	121,500	59,500	92	93	91
35 hours or more.....	160,400	110,900	49,500	82	85	76
15 to 34 hours.....	16,000	8,200	7,800	8	6	12
1 to 14 hours.....	4,500	2,300	2,200	2	2	3
With a job but not at work.....	5,300	3,100	2,200	3	2	3
Unemployed.....	9,400	5,900	3,500	5	5	5
Nonwhite						
Persons 14 years and over.....	119,800	55,500	64,300	100	100	100
Total labor force.....	70,000	44,600	25,500	58	80	40
Civilian labor force.....	70,000	44,500	25,500	58	80	40
Employed.....	64,100	41,200	22,800	54	74	35
Unemployed.....	5,900	3,300	2,600	5	6	4
Not in labor force.....	49,800	10,900	38,900	42	20	60
Keeping house.....	27,400	200	27,300	23	...	42
Unable to work or inmate of institution...	8,200	3,900	4,300	7	7	7
Other and not reported.....	14,100	6,800	7,300	12	12	11
14 to 19 years.....	8,900	3,900	5,000	7	7	8
20 to 64 years.....	4,100	2,200	1,900	3	4	3
65 years and over.....	1,100	700	400	1	1	1
Civilian labor force.....	70,000	44,500	25,500	100	100	100
Employed.....	64,100	41,200	22,800	92	93	89
At work.....	62,600	40,600	22,000	89	91	86
35 hours or more.....	50,900	35,500	15,500	73	80	61
15 to 34 hours.....	9,100	3,900	5,200	13	9	20
1 to 14 hours.....	2,500	1,200	1,300	4	3	5
With a job but not at work.....	1,500	700	800	2	2	3
Unemployed.....	5,900	3,300	2,600	8	7	10

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Table 6.--EMPLOYMENT STATUS OF THE POPULATION, BY COLOR AND SEX, FOR THE MEMPHIS STANDARD METROPOLITAN AREA AND MEMPHIS CITY: 1950--Con.  
(Percent not shown where less than 1)

Area, color, and employment status	Both sexes	Male	Female	Percent distribution		
				Both sexes	Male	Female
MEMPHIS CITY						
Total						
Persons 14 years and over.....	300,400	141,100	159,300	100	100	100
Total labor force.....	174,700	115,100	59,600	58	82	37
Civilian labor force.....	173,800	114,200	59,500	58	81	37
Employed.....	165,300	108,900	56,400	55	77	35
Unemployed.....	8,500	5,400	3,100	3	4	2
Not in labor force.....	125,700	26,000	99,700	42	18	63
Keeping house.....	77,600	400	77,200	26	...	48
Unable to work or inmate of institution...	15,000	7,600	7,400	5	5	5
Other and not reported.....	33,100	18,000	15,100	11	13	9
14 to 19 years.....	17,200	7,900	9,300	6	6	6
20 to 64 years.....	12,300	7,800	4,500	4	6	3
65 years and over.....	3,600	2,300	1,300	1	2	1
Civilian labor force.....	173,800	114,200	59,500	100	100	100
Employed.....	165,300	108,900	56,400	95	95	95
At work.....	160,700	106,300	54,400	92	93	91
35 hours or more.....	142,600	97,300	45,200	82	85	76
15 to 34 hours.....	14,000	6,900	7,100	8	6	12
1 to 14 hours.....	4,100	2,100	2,000	2	2	3
With a job but not at work.....	4,600	2,600	2,100	3	2	4
Unemployed.....	8,500	5,400	3,100	5	5	5
Nonwhite						
Persons 14 years and over.....	105,900	49,200	56,700	100	100	100
Total labor force.....	63,000	39,500	23,500	59	80	41
Civilian labor force.....	63,000	39,500	23,500	59	80	41
Employed.....	57,800	36,600	21,200	55	74	37
Unemployed.....	5,200	2,900	2,300	5	6	4
Not in labor force.....	42,900	9,700	33,200	41	20	59
Keeping house.....	23,400	200	23,200	22	...	41
Unable to work or inmate of institution...	7,600	3,500	4,200	7	7	7
Other and not reported.....	11,800	6,000	5,800	11	12	10
14 to 19 years.....	7,300	3,500	3,800	7	7	7
20 to 64 years.....	3,600	1,900	1,700	3	4	3
65 years and over.....	1,000	600	400	1	1	1
Civilian labor force.....	63,000	39,500	23,500	100	100	100
Employed.....	57,800	36,600	21,200	92	93	90
At work.....	56,400	36,000	20,500	90	91	87
35 hours or more.....	46,100	31,700	14,400	73	80	61
15 to 34 hours.....	8,000	3,200	4,800	13	8	20
1 to 14 hours.....	2,300	1,000	1,300	4	3	6
With a job but not at work.....	1,400	600	800	2	2	3
Unemployed.....	5,200	2,900	2,300	8	7	10

Table 7.--EMPLOYMENT STATUS OF THE POPULATION, BY COLOR AND SEX, FOR THE MEMPHIS STANDARD METROPOLITAN AREA AND MEMPHIS CITY: 1950 AND 1940

Area, color, year, and employment status	Both sexes	Male	Female	Percent distribution		
				Both sexes	Male	Female
<b>MEMPHIS STANDARD METROPOLITAN AREA</b>						
Total--1950						
Persons 14 years and over.....	359,900	172,700	187,200	100	100	100
Total labor force.....	208,500	143,200	65,300	58	83	35
Civilian labor force.....	195,600	130,400	65,200	54	76	35
Employed.....	186,200	124,500	61,700	52	72	33
Unemployed.....	9,400	5,900	3,500	3	3	2
Not in labor force.....	151,400	29,500	121,900	42	17	65
Total--1940						
Persons 14 years and over.....	283,436	134,959	148,477	100	100	100
Total labor force.....	162,570	111,687	50,883	57	83	34
Civilian labor force.....	162,290	111,407	50,883	57	83	34
Employed.....	140,278	96,126	44,152	49	71	30
Unemployed.....	22,012	15,281	6,731	8	11	5
Not in labor force.....	120,866	23,272	97,594	43	17	66
Nonwhite--1950						
Persons 14 years and over.....	119,800	55,500	64,300	100	100	100
Total labor force.....	70,000	44,600	25,500	58	80	40
Civilian labor force.....	70,000	44,500	25,500	58	80	40
Employed.....	64,100	41,200	22,800	54	74	35
Unemployed.....	5,900	3,300	2,600	5	6	4
Not in labor force.....	49,800	10,900	38,900	42	20	60
Nonwhite--1940						
Persons 14 years and over.....	120,394	56,728	63,666	100	100	100
Total labor force.....	74,173	47,737	26,436	62	84	42
Civilian labor force.....	74,173	47,737	26,436	62	84	42
Employed.....	61,055	38,814	22,241	51	68	35
Unemployed.....	13,118	8,923	4,195	11	16	7
Not in labor force.....	46,221	8,991	37,230	38	16	58
<b>MEMPHIS CITY</b>						
Total--1950						
Persons 14 years and over.....	300,400	141,100	159,300	100	100	100
Total labor force.....	174,700	115,100	59,600	58	82	37
Civilian labor force.....	173,800	114,200	59,500	58	81	37
Employed.....	165,300	108,900	56,400	55	77	35
Unemployed.....	8,500	5,400	3,100	3	4	2
Not in labor force.....	125,700	26,000	99,700	42	18	63
Total--1940						
Persons 14 years and over.....	236,243	110,927	125,316	100	100	100
Total labor force.....	138,761	92,830	45,931	59	84	37
Civilian labor force.....	138,761	92,830	45,931	59	84	37
Employed.....	119,152	79,369	39,783	50	72	32
Unemployed.....	19,609	13,461	6,148	8	12	5
Not in labor force.....	97,482	18,097	79,385	41	16	63

Note: Original 1940 "Employed" figures revised where appropriate by excluding the armed forces in order to permit greater comparability with 1950. See text.

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Table 7.--EMPLOYMENT STATUS OF THE POPULATION, BY COLOR AND SEX, FOR THE MEMPHIS STANDARD METROPOLITAN AREA AND MEMPHIS CITY: 1950 AND 1940--Con.

Area, color, year, and employment status	Both sexes	Male	Female	Percent distribution		
				Both sexes	Male	Female
<b>MEMPHIS CITY--Con.</b>						
<b>Nonwhite--1950</b>						
Persons 14 years and over.....	105,900	49,200	56,700	100	100	100
Total labor force.....	63,000	39,500	23,500	59	80	41
Civilian labor force.....	63,000	39,500	23,500	59	80	41
Employed.....	57,800	36,600	21,200	55	74	37
Unemployed.....	5,200	2,900	2,300	5	6	4
Not in labor force.....	42,900	9,700	33,200	41	20	59
<b>Nonwhite--1940</b>						
Persons 14 years and over.....	96,748	44,685	52,063	100	100	100
Total labor force.....	61,481	38,161	23,320	64	85	45
Civilian labor force.....	61,481	38,161	23,320	64	85	45
Employed.....	49,439	29,979	19,460	51	67	37
Unemployed.....	12,042	8,182	3,860	12	18	7
Not in labor force.....	35,267	6,524	28,743	36	15	55

Note: Original 1940 "Employed" figures revised where appropriate by excluding the armed forces in order to permit greater comparability with 1950. See text.

Table 8.--EMPLOYMENT STATUS OF THE POPULATION, BY AGE AND SEX, FOR THE MEMPHIS STANDARD METROPOLITAN AREA AND MEMPHIS CITY: 1950

Area, sex, and age	Popula- tion	Total labor force	Civilian labor force			Not in labor force	Percent distri- bution by age	
			Total	Employed	Unem- ployed		Total labor force	Unem- ployed
<b>MEMPHIS STANDARD METROPOLITAN AREA</b>								
Total, 14 years and over....	359,900	208,500	195,600	186,200	9,400	151,400	100	100
14 to 24 years.....	82,400	39,700	34,400	31,600	2,800	42,700	19	30
25 to 34 years.....	92,500	60,200	54,100	51,200	2,900	32,300	29	31
35 to 44 years.....	70,100	48,400	46,800	45,300	1,500	21,800	23	16
45 to 64 years.....	83,900	52,500	52,500	50,800	1,700	31,400	25	19
65 years and over.....	31,000	7,700	7,700	7,200	500	23,300	4	5
Male, 14 years and over.....	172,700	143,200	130,400	124,500	5,900	29,500	100	100
14 to 24 years.....	37,900	25,500	20,200	18,400	1,700	12,500	18	29
25 to 34 years.....	46,500	42,800	36,800	34,900	1,900	3,700	30	32
35 to 44 years.....	33,300	31,900	30,400	29,800	600	1,500	22	10
45 to 64 years.....	41,000	37,100	37,100	35,800	1,200	3,900	26	20
65 years and over.....	14,000	6,000	6,000	5,600	400	8,000	4	7
Female, 14 years and over.....	187,200	65,300	65,200	61,700	3,500	121,900	100	100
14 to 24 years.....	44,500	14,300	14,300	13,200	1,100	30,200	22	31
25 to 34 years.....	46,000	17,400	17,300	16,300	1,000	28,600	27	29
35 to 44 years.....	36,800	16,500	16,500	15,600	900	20,300	25	26
45 to 64 years.....	43,000	15,500	15,500	15,000	500	27,500	24	14
65 years and over.....	17,000	1,700	1,700	1,700	100	15,300	3	3

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Table 8.--EMPLOYMENT STATUS OF THE POPULATION, BY AGE AND SEX, FOR THE MEMPHIS STANDARD METROPOLITAN AREA AND MEMPHIS CITY: 1950--Con.

Area, sex, and age	Popula- tion	Total labor force	Civilian labor force			Not in labor force	Percent distri- bution by age	
			Total	Employed	Unem- ployed		Total labor force	Unem- ployed
MEMPHIS CITY								
Total, 14 years and over....	300,400	174,700	173,800	165,300	8,500	125,700	100	100
14 to 24 years.....	64,800	30,500	30,100	27,500	2,700	34,200	17	32
25 to 34 years.....	72,600	47,800	47,400	44,800	2,600	24,800	27	31
35 to 44 years.....	60,200	41,900	41,800	40,500	1,400	18,300	24	16
45 to 64 years.....	75,300	47,600	47,600	46,100	1,500	27,700	27	18
65 years and over.....	27,500	6,800	6,800	6,400	400	20,700	4	5
Male, 14 years and over.....	141,100	115,100	114,200	108,900	5,400	26,000	100	100
14 to 24 years.....	28,500	17,700	17,300	15,600	1,700	10,800	15	31
25 to 34 years.....	35,900	32,400	32,000	30,300	1,700	3,500	28	31
35 to 44 years.....	27,900	26,600	26,500	26,000	500	1,400	23	9
45 to 64 years.....	36,600	33,200	33,200	32,100	1,100	3,400	29	20
65 years and over.....	12,100	5,200	5,200	4,900	300	6,900	5	6
Female, 14 years and over.....	159,300	59,600	59,500	56,400	3,100	99,700	100	100
14 to 24 years.....	36,300	12,800	12,800	11,800	1,000	23,500	21	32
25 to 34 years.....	36,700	15,400	15,400	14,600	800	21,300	26	26
35 to 44 years.....	32,300	15,300	15,300	14,500	800	16,900	26	26
45 to 64 years.....	38,700	14,400	14,400	14,000	400	24,300	24	13
65 years and over.....	15,400	1,600	1,600	1,500	100	13,800	3	3

Table 9.--PERCENT OF THE POPULATION IN THE LABOR FORCE AND PERCENT OF THE CIVILIAN LABOR FORCE UNEMPLOYED, BY AGE AND SEX, FOR THE MEMPHIS STANDARD METROPOLITAN AREA AND MEMPHIS CITY: 1950

Area and age	Percent of the population in the labor force			Percent of the civilian labor force unemployed		
	Total	Male	Female	Total	Male	Female
MEMPHIS STANDARD METROPOLITAN AREA						
Total, 14 years and over.....	58	83	35	5	5	5
14 to 19 years.....	31	43	21	12	11	13
20 to 24 years.....	62	86	41	7	7	6
25 to 34 years.....	65	92	38	5	5	6
35 to 44 years.....	69	96	45	3	2	5
45 to 54 years.....	65	93	40	3	3	4
55 to 64 years.....	58	87	31	3	4	2
65 years and over.....	25	43	10	6	7	6
MEMPHIS CITY						
Total, 14 years and over.....	58	82	37	5	5	5
14 to 19 years.....	30	40	22	12	13	11
20 to 24 years.....	61	81	46	8	8	7
25 to 34 years.....	66	90	42	5	5	5
35 to 44 years.....	70	95	47	3	2	5
45 to 54 years.....	66	93	40	3	3	3
55 to 64 years.....	58	87	32	3	3	2
65 years and over.....	25	43	10	6	6	6

Table 10.--CLASS OF WORKER OF EMPLOYED PERSONS, BY SEX, FOR THE MEMPHIS STANDARD METROPOLITAN AREA AND MEMPHIS CITY: 1950 AND 1940

(Percent not shown where less than 1)

Area, year, and class of worker	Total	Male	Female	Percent distribution		
				Total	Male	Female
MEMPHIS STANDARD METROPOLITAN AREA						
1950						
Employed.....	186,200	124,500	61,700	100	100	100
Private wage and salary workers.....	150,500	97,300	53,200	81	78	86
Government workers.....	18,900	13,700	5,200	10	11	8
Self-employed workers.....	16,100	13,300	2,800	9	11	5
Unpaid family workers.....	700	200	500	...	...	1
1940						
Employed.....	140,278	96,126	44,152	100	100	100
Private wage and salary workers.....	116,540	78,073	38,467	83	81	87
Government workers.....	20,762	16,611	4,151	15	17	9
Self-employed workers.....	2,976	1,442	1,534	2	2	3
Unpaid family workers.....						
MEMPHIS CITY						
1950						
Employed.....	165,300	108,900	56,400	100	100	100
Private wage and salary workers.....	135,500	86,400	49,100	82	79	87
Government workers.....	17,000	12,300	4,600	10	11	8
Self-employed workers.....	12,600	10,200	2,400	8	9	4
Unpaid family workers.....	300	...	300	...	...	1
1940						
Employed.....	119,152	79,369	39,783	100	100	100
Private wage and salary workers.....	95,414	62,723	32,691	80	79	82
Government workers.....	9,908	7,054	2,854	8	9	7
Self-employed workers.....	13,112	9,457	3,655	11	12	9
Unpaid family workers.....	718	135	583	1	...	1

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Table 11.--MAJOR OCCUPATION GROUP OF EMPLOYED PERSONS, BY SEX, FOR THE MEMPHIS STANDARD METROPOLITAN AREA AND MEMPHIS CITY: 1950 AND 1940

(Statistics for 1940 are revised; see text. Percent not shown where less than 1)

Area, year, and major occupation group	Total	Male	Female	Percent distribution		
				Total	Male	Female
MEMPHIS STANDARD METROPOLITAN AREA						
1950						
Employed.....	186,200	124,500	61,700	100	100	100
Professional, technical, and kindred workers.....	13,000	7,800	5,200	7	6	8
Managers, officials, and proprietors, incl. farm..	19,500	16,600	2,900	10	13	5
Clerical and kindred workers.....	29,000	11,300	17,700	16	9	29
Sales workers.....	16,600	11,400	5,200	9	9	8
Craftsmen, foremen, and kindred workers.....	26,300	25,300	1,000	14	20	2
Operatives and kindred workers.....	35,900	27,500	8,400	19	22	14
Private household workers.....	10,500	200	10,300	6	...	17
Service workers, except private household.....	19,600	9,700	9,900	11	8	16
Laborers, except mine.....	14,100	13,500	600	8	11	1
Occupation not reported.....	1,800	1,200	600	1	1	1
1940						
Employed.....	140,278	96,126	44,152	100	100	100
Professional, technical, and kindred workers.....	9,679	5,449	4,230	7	6	10
Managers, officials, and proprietors, incl. farm..	18,072	16,410	1,662	13	17	4
Clerical and kindred workers.....	26,424	15,326	11,098	19	16	25
Sales workers.....	14,996	14,616	380	11	15	1
Craftsmen, foremen, and kindred workers.....	21,424	17,051	4,373	15	18	10
Operatives and kindred workers.....	15,485	1,076	14,409	11	1	33
Private household workers.....	14,431	8,325	6,106	10	9	14
Service workers, except private household.....	18,874	17,294	1,580	13	18	4
Laborers, except mine.....	893	579	314	1	1	1
Occupation not reported.....						
MEMPHIS CITY						
1950						
Employed.....	165,300	108,900	56,400	100	100	100
Professional, technical, and kindred workers.....	12,000	7,200	4,800	7	7	9
Managers, officials, and proprietors, incl. farm..	15,300	12,800	2,500	9	12	4
Clerical and kindred workers.....	26,800	10,500	16,400	16	10	29
Sales workers.....	15,400	10,700	4,700	9	10	8
Craftsmen, foremen, and kindred workers.....	22,800	21,900	1,000	14	20	2
Operatives and kindred workers.....	32,100	24,500	7,600	19	22	13
Private household workers.....	9,700	200	9,500	6	...	17
Service workers, except private household.....	18,300	9,200	9,100	11	8	16
Laborers, except mine.....	11,400	11,000	500	7	10	1
Occupation not reported.....	1,500	1,000	500	1	1	1
1940						
Employed.....	119,152	79,369	39,783	100	100	100
Professional, technical, and kindred workers.....	8,877	4,970	3,907	7	6	10
Managers, officials, and proprietors, incl. farm..	10,653	9,428	1,225	9	12	3
Clerical and kindred workers.....	14,857	6,891	7,966	12	9	20
Sales workers.....	10,021	7,460	2,561	8	9	6
Craftsmen, foremen, and kindred workers.....	13,400	13,046	354	11	16	1
Operatives and kindred workers.....	19,758	15,566	4,192	17	20	11
Private household workers.....	13,898	840	13,058	12	1	33
Service workers, except private household.....	13,887	8,114	5,773	12	10	15
Laborers, except mine.....	13,021	12,556	465	11	16	1
Occupation not reported.....	780	498	282	1	1	1

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Table 12.--MAJOR INDUSTRY GROUP OF EMPLOYED PERSONS, BY SEX, FOR THE MEMPHIS STANDARD METROPOLITAN AREA AND MEMPHIS CITY: 1950 AND 1940

(Statistics for 1940 are revised; see text. Percent not shown where less than 1)

Area, year, and major industry group	Total	Male	Female	Percent distribution		
				Total	Male	Female
<b>MEMPHIS STANDARD METROPOLITAN AREA</b>						
1950						
Employed.....	186,200	124,500	61,700	100	100	100
Agriculture.....	4,600	4,400	200	2	4	...
Construction.....	14,400	13,900	500	8	11	1
Manufacturing.....	37,500	29,600	7,900	20	24	13
Durable goods.....	16,600	13,600	3,000	9	11	5
Nondurable goods.....	20,100	15,400	4,700	11	12	8
Not specified manufacturing.....	800	600	200	...	...	...
Transportation, communication, and other public utilities.....	19,600	16,400	3,300	11	13	5
Wholesale and retail trade.....	49,900	30,600	19,300	27	25	31
Service industries.....	49,500	21,100	28,400	27	17	46
All other industries.....	8,500	7,200	1,300	5	6	2
Industry not reported.....	2,100	1,300	800	1	1	1
1940						
Employed.....	140,278	96,126	44,152	100	100	100
Agriculture.....	11,724	10,267	1,457	8	11	3
Construction.....	8,530	8,399	131	6	9	...
Manufacturing.....	25,107	21,773	3,334	18	23	8
Transportation, communication, and other public utilities.....	13,499	12,222	1,277	10	13	3
Wholesale and retail trade.....	31,817	22,563	9,254	23	23	21
Service industries.....	44,091	16,492	27,599	31	17	63
All other industries.....	3,777	3,180	597	3	3	1
Industry not reported.....	1,733	1,230	503	1	1	1
<b>MEMPHIS CITY</b>						
1950						
Employed.....	165,300	108,900	56,400	100	100	100
Agriculture.....	1,100	1,000	100	1	1	...
Construction.....	12,500	12,100	400	8	11	1
Manufacturing.....	33,500	26,400	7,100	20	24	13
Durable goods.....	15,100	12,300	2,800	9	11	5
Nondurable goods.....	18,200	13,900	4,300	11	13	8
Not specified manufacturing.....	200	200	100	...	...	...
Transportation, communication, and other public utilities.....	17,400	14,300	3,100	11	13	5
Wholesale and retail trade.....	46,200	28,300	17,800	28	26	32
Service industries.....	45,500	19,300	26,200	28	18	46
All other industries.....	7,300	6,300	1,000	4	6	2
Industry not reported.....	1,800	1,100	700	1	1	1
1940						
Employed.....	119,152	79,369	39,783	100	100	100
Agriculture.....	870	771	99	1	1	...
Construction.....	7,568	7,444	124	6	9	...
Manufacturing.....	22,977	19,850	3,127	19	25	8
Durable goods.....	9,782	9,150	632	8	12	2
Nondurable goods.....	12,952	10,495	2,457	11	13	6
Not specified manufacturing.....	243	205	38	...	...	...
Transportation, communication, and other public utilities.....	12,415	11,194	1,221	10	14	3
Wholesale and retail trade.....	29,542	20,867	8,675	25	26	22
Service industries.....	40,567	15,037	25,530	34	19	64
All other industries.....	3,665	3,110	555	3	4	1
Industry not reported.....	1,548	1,096	452	1	1	1

Table 13.--INCOME IN 1949 OF FAMILIES AND UNRELATED INDIVIDUALS, BY COLOR, FOR THE MEMPHIS STANDARD METROPOLITAN AREA AND MEMPHIS CITY

(Percent not shown where less than 1)

Area and income level	Memphis Standard Metropolitan Area						Memphis city					
	Total	White	Non-white	Percent distribution			Total	White	Non-white	Percent distribution		
				Total	White	Non-white				Total	White	Non-white
Families and unrelated individuals.....	167,100	112,300	54,800	...	...	...	138,500	89,700	48,800	...	...	...
Number reporting.....	161,200	107,900	53,300	100	100	100	133,700	86,300	47,400	100	100	100
Under \$500.....	20,400	8,500	11,900	13	8	22	16,600	7,100	9,500	12	8	20
\$500 to \$999.....	15,300	6,400	8,900	9	6	17	13,200	5,400	7,800	10	6	16
\$1,000 to \$1,499.....	17,200	8,800	8,400	11	8	16	13,100	5,500	7,600	10	6	16
\$1,500 to \$1,999.....	16,800	7,500	9,300	10	7	17	13,900	5,300	8,600	10	6	18
\$2,000 to \$2,499.....	16,900	10,200	6,700	10	9	13	14,300	8,100	6,200	11	9	13
\$2,500 to \$2,999.....	14,300	10,400	3,900	9	10	7	11,600	8,100	3,500	9	9	7
\$3,000 to \$3,499.....	14,500	12,700	1,800	9	12	3	12,000	10,200	1,700	9	12	4
\$3,500 to \$3,999.....	10,400	9,200	1,200	6	9	2	8,500	7,400	1,100	6	9	2
\$4,000 to \$4,499.....	8,100	7,500	500	5	7	1	6,800	6,300	500	5	7	1
\$4,500 to \$4,999.....	5,900	5,600	200	4	5	...	5,000	4,800	200	4	6	...
\$5,000 to \$5,999.....	8,400	8,200	200	5	8	...	7,000	6,700	200	5	8	...
\$6,000 to \$6,999.....	5,200	5,000	100	3	5	...	4,800	4,600	100	4	5	...
\$7,000 to \$9,999.....	4,500	4,400	100	3	4	...	3,700	3,600	100	3	4	...
\$10,000 and over.....	3,500	3,400	100	2	3	...	3,200	3,200	100	2	4	...
Income not reported.....	5,900	4,500	1,400	...	...	...	4,800	3,400	1,400	...	...	...
Median income.....	\$2,322	\$3,085	\$1,348	...	...	...	\$2,351	\$3,179	\$1,421	...	...	...
Families.....	126,600	85,900	40,700	...	...	...	106,500	70,500	36,000	...	...	...
Number reporting.....	122,500	82,800	39,800	100	100	100	102,800	67,800	35,100	100	100	100
Under \$500.....	9,500	3,600	5,900	8	4	15	7,300	2,800	4,500	7	4	13
\$500 to \$999.....	8,400	2,800	5,600	7	3	14	7,100	2,500	4,600	7	4	13
\$1,000 to \$1,499.....	10,500	4,000	6,500	9	5	16	9,200	3,500	5,700	9	5	16
\$1,500 to \$1,999.....	12,400	4,300	8,100	10	5	20	10,800	3,400	7,400	11	5	21
\$2,000 to \$2,499.....	13,800	7,500	6,300	11	9	16	11,500	5,700	5,900	11	8	17
\$2,500 to \$2,999.....	12,000	8,500	3,500	10	10	9	9,800	6,700	3,100	10	10	9
\$3,000 to \$3,499.....	12,500	10,800	1,700	10	13	4	10,400	8,800	1,600	10	13	5
\$3,500 to \$3,999.....	9,600	8,600	1,000	8	10	3	7,700	6,700	1,000	7	10	3
\$4,000 to \$4,499.....	7,800	7,300	500	6	9	1	6,500	6,000	400	6	9	1
\$4,500 to \$4,999.....	5,600	5,300	200	5	6	1	4,700	4,500	200	5	7	1
\$5,000 to \$5,999.....	8,000	7,700	200	7	9	1	6,500	6,300	200	6	9	1
\$6,000 to \$6,999.....	5,000	4,900	100	4	6	...	4,600	4,500	100	4	7	...
\$7,000 to \$9,999.....	4,300	4,200	100	4	5	...	3,500	3,500	100	3	5	...
\$10,000 and over.....	3,200	3,200	100	3	4	...	3,000	2,900	100	3	4	...
Income not reported.....	4,100	3,100	1,000	...	...	...	3,700	2,700	900	...	...	...
Median income.....	\$2,777	\$3,495	\$1,617	...	...	...	\$2,781	\$3,537	\$1,686	...	...	...

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