

1950 CENSUS OF POPULATION**PRELIMINARY REPORTS**

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CHARACTERISTICS OF THE POPULATION OF THE DULUTH (MINN.)-SUPERIOR (WIS.)
STANDARD METROPOLITAN AREA: APRIL 1, 1950

Preliminary Data

(The reports in this series are numbered in alphabetical order according to the names of the 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 Duluth-Superior Standard Metropolitan Area¹ reflected in statistics of the 1950 Census of Population. Preliminary figures on these and other population characteristics of the area were released today by Roy V. Peel, Director, Bureau of the Census, Department of Commerce.

The total population of the metropolitan area shown in this report is based primarily on the preliminary field count of the 1950 Census; to this count have been added the residents of the metropolitan area who were enumerated elsewhere 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 remained about the same during the last decade. It was 254,036 on April 1, 1940, as compared with 253,200 on April 1, 1950. (See table 1.) In 1950, the number of males in the area, 127,500, was about the same as the number of females, 125,700. The sex ratio in the area dropped from 108 males per 100 females in 1940 to 101 in 1950.

Children under 5 years old increased between 1940 and 1950 at a more rapid rate

than most of the other age groups, largely because of high birth rates during recent years. The increase was 43 percent for this age group, whereas there was little change for the total population. At the same time, the number of young adults declined appreciably and persons 65 and over increased by 48 percent. As a consequence, the median age of the total population of the area in 1950 was 33.2 years as compared with 30.6 years in 1940, a rise of approximately 3 years.

A large proportion of persons 14 years old and over in the metropolitan area were married, namely, 66 percent. (See table 2.) Twenty-four percent were single, and 11 percent were widowed or divorced. Of the 60,200 married couples in the metropolitan area, 2,400, or 4 percent, did not have their own household, but were sharing the homes of others as relatives or as lodgers. (See table 3.)

Families in the metropolitan area numbered 66,200. In addition, there were 20,000 "unrelated individuals," who lived alone or with nonrelatives only. Unrelated individuals constituted 8 percent of the total population of the area as a whole. The average size of household in 1950 for the metropolitan area was 3.2 persons.

Approximately 46,500 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 was 55,759 in 1940. (See table 4.) The enrollment rate in the age group 5 to 13 years old was 84 percent in 1950. This age group includes the many children born during the war who had not yet entered school in 1950. Among those 14 to 17 years old, a somewhat larger proportion,

¹ The Duluth (Minn.)-Superior (Wis.) Standard Metropolitan Area comprises St. Louis County, Minn., and Douglas County, Wis.

92 percent, were enrolled, even though this age group includes some children who had left school to enter the labor market. In the age group 18 to 24 years, 19 percent were enrolled in 1950 as compared with 23 percent 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 highly mobile. Among persons 1 year old and over, 14 percent were reported as living in a different house in April 1950 from that in April 1949. (See table 5.) About 10 percent moved from one house to another in the same county, and 4 percent moved from another county or from abroad within the preceding year.

The population changes since 1940 noted above brought about relatively little change in the size of the labor force in the Duluth-Superior Standard Metropolitan Area. An estimated 102,300 residents of the metropolitan area were in the labor force in April 1950 (that is, were employed, unemployed, or in the armed forces) as compared with 104,197 in 1940. (See table 7.)

There was an increase in the number of women workers, but this was more than offset by a drop in the number of men in the labor force. About 26,800 women were in the labor force in 1950 as compared with 22,489 in 1940. The number of men in the labor force declined from 81,708 to 75,600 over this period.

Proportionately more of the workers were employed than had been the case in 1940. In April 1950, 4,900, or 5 percent of the civilians in the labor force, were unemployed. Ten years earlier when business activity was relatively slack, 30,031 persons, or approximately 29 percent of the workers, were unemployed.

The number of employed civilians living in the Duluth-Superior Standard Metropolitan Area reached a total of approximately 97,300 in 1950, or 31 percent above 1940. The expansion in employment over the 10-year period occurred almost entirely among wage and salary workers. This group, which includes both private and government wage and salary workers, rose from 59,628 to 83,900 during the decade. The number of self-employed persons, however, decreased from 12,658 in 1940 to 11,200 in 1950. As a result, this group, which is made up mainly of independent business and professional people, constituted only 12 percent of the total employed in 1950, in comparison with 17 percent in 1940. (See table 10.)

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. In the case of the clerical and sales group, the increase was probably

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largely concentrated among the clerical workers. The expansion of the employed craftsmen, foremen, and kindred workers group from 10,023 to 15,900 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 7,588 to 9,300 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, 15 percent of the employed women were private household workers, whereas in 1950 only 6 percent of the women were so employed.

In 1950, 15,600 of the workers living in the Duluth-Superior Standard Metropolitan Area were employed in manufacturing, about twice the 1940 figure. The number of workers employed in mining also practically doubled over the decade, reaching a 1950 level of 9,300. In addition, substantial gains in employment were recorded by the trade and public utility industries. In the service industries, on the other hand, employment remained stable over the 10-year period; in agriculture, the number of workers decreased. As a result, the service industries and agriculture each declined sharply in importance among the various broad industry groups, whereas manufacturing particularly rose in relative importance over the decade. (See table 12.)

The generally high employment level was reflected in the figures on family income. The average (median) family income in 1949 in the Duluth-Superior Standard Metropolitan Area was \$3,232. The median for families and unrelated individuals combined was somewhat lower (\$2,878). Approximately 13 percent of the families and unrelated individuals in the area received incomes of \$5,000 or more, whereas 32 percent received incomes under \$2,000. (See table 13.)

An estimated 87,900 persons 14 years of age and over were outside the labor force at the time of the census. (See table 6.) Women engaged in their own home housework (56,000 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 10,200 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 11,200 were teenagers, most of whom were attending full-time school. An additional 10,200 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.

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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, and public administration industry 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.² 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 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

² 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

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 8,100 persons selected from those enumerated on sample lines in the 1950 Census of Population. These persons are located in about 95 census enumeration districts systematically selected from all enumeration districts in the area. Although the figures are based on data obtained 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 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 population of the standard metropolitan area shown in this report is based primarily on the preliminary field count of the 1950 Census, with some minor adjustments. Editing revisions may change this figure 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. 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	Size of estimate of 1950 data	Sampling variability of 1950 data
2,500.....	500	50,000.....	1,800
5,000.....	600	100,000.....	2,300
10,000.....	900	150,000.....	2,300
25,000.....	1,500	200,000.....	1,800

To illustrate, there were an estimated 13,700 males under 5 years in the area. The sampling variability is about 1,000. The chances are about 19 out of 20 that the figure which will be obtained from the complete tabulation of the 1950 Census will be between 12,700 and 14,700.

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:						
	2,500	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:							
2 or 98	2	2	1	1	1	1	1
5 or 95	4	3	2	1	1	1	1
10 or 90	6	4	3	2	1	1	1
25 or 75	9	5	4	2	2	1	1
50	10	6	5	3	2	1	1

To illustrate, of the estimated 18,100 females 25 to 34 years of age in the metropolitan area, 28 percent are in the labor force. The sampling variability is about 3 percent. The chances are about 19 out of 20 that the percentage obtained from the complete tabulation of the 1950 Census will be between 25 percent and 31 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 percentages 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.--AGE BY SEX, FOR THE DULUTH (MINN.)-SUPERIOR (WIS.) STANDARD METROPOLITAN AREA: 1950 AND 1940
(Percent change, 1940 to 1950, not shown where less than 1)

Age	1950			1940			Percent change, 1940 to 1950		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All ages.....	253,200	127,500	125,700	254,036	131,853	122,183	...	-3	3
Under 5 years.....	26,300	13,700	12,600	18,352	9,376	8,976	43	46	40
5 to 9 years.....	22,100	11,400	10,800	17,364	8,955	8,409	27	27	28
10 to 14 years.....	17,600	9,000	8,600	20,661	10,552	10,109	-15	-15	-15
15 to 24 years.....	31,600	15,600	15,900	47,965	24,006	23,959	-34	-35	-34
25 to 34 years.....	35,300	17,200	18,100	40,339	20,342	19,997	-12	-15	-9
35 to 44 years.....	36,700	18,800	17,900	32,964	16,169	16,795	11	16	7
45 to 64 years.....	57,100	28,300	28,800	58,529	32,304	26,225	-2	-12	10
65 years and over.....	26,400	13,500	13,000	17,862	10,149	7,713	48	33	69
Median age.....years..	33.2	33.2	33.3	30.6	31.4	29.8	...	...	...
Percent.....	100	100	100	100	100	100	...	...	...
Under 5 years.....	10	11	10	7	7	7	...	...	...
5 to 9 years.....	9	9	9	7	7	7	...	...	...
10 to 14 years.....	7	7	7	8	8	8	...	...	...
15 to 24 years.....	12	12	13	19	18	20	...	...	...
25 to 34 years.....	14	13	14	16	15	16	...	...	...
35 to 44 years.....	14	15	14	13	12	14	...	...	...
45 to 64 years.....	23	22	23	23	25	21	...	...	...
65 years and over.....	10	11	10	7	8	6	...	...	...

Table 2.--MARTIAL STATUS OF THE POPULATION 14 YEARS OLD AND OVER, BY SEX, FOR THE DULUTH (MINN.)-SUPERIOR (WIS.) STANDARD METROPOLITAN AREA: 1950

Marital status	Total	Male	Female	Percent distribution		
				Total	Male	Female
Persons 14 years old and over.....	190,200	94,900	95,300	100	100	100
Single.....	44,800	26,500	18,200	24	28	19
Married.....	124,900	62,100	62,800	66	65	66
Widowed or divorced.....	20,600	6,300	14,200	11	7	15

Table 3.--MARRIED COUPLES, FAMILIES, AND HOUSEHOLDS, FOR THE DULUTH (MINN.)-SUPERIOR (WIS.) STANDARD METROPOLITAN AREA: 1950

Subject	Number	Subject	Number
MARRIED COUPLES		FAMILIES AND UNRELATED INDIVIDUALS	
Total.....	60,200	Total.....	86,200
With own household.....	57,800	Families.....	66,200
Without own household.....	2,400	Unrelated individuals.....	20,000
Percent.....	100	HOUSEHOLDS	
With own household.....	96	Households.....	75,500
Without own household.....	4	Population in households.....	243,600
		Population per household.....	3.2

Table 4.--SCHOOL ENROLLMENT OF PERSONS 5 TO 24 YEARS OLD, BY AGE, FOR THE DULUTH (MINN.)-SUPERIOR (WIS.) STANDARD METROPOLITAN AREA: 1950 AND 1940

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	
Total, 5 to 24 years.....	71,300	46,500	65	85,990	55,759	65	-17
5 to 13 years.....	36,600	30,700	84	33,661	30,947	92	-1
14 to 17 years.....	12,400	11,400	92	18,812	17,211	91	-34
18 to 24 years.....	22,400	4,300	19	33,517	7,601	23	-43

Table 5.--RESIDENCE IN 1949 OF THE POPULATION ONE YEAR OLD AND OVER, FOR THE DULUTH (MINN.)-SUPERIOR (WIS.) STANDARD METROPOLITAN AREA: 1950

Residence in 1949	Number	Percent
Persons 1 year old and over.....	247,700	100
Same house as in 1950.....	210,300	85
Different house, same county.....	25,500	10
Different county or abroad.....	9,900	4
Residence not reported.....	1,900	1

Table 6.--EMPLOYMENT STATUS OF THE POPULATION, BY SEX, FOR THE DULUTH (MINN.)-SUPERIOR (WIS.) STANDARD METROPOLITAN AREA: 1950

(Percent not shown where less than 1)

Employment status	Total	Male	Female	Percent distribution		
				Total	Male	Female
Persons 14 years and over.....	190,200	94,900	95,300	100	100	100
Total labor force.....	102,300	75,600	26,800	54	80	28
Civilian labor force.....	102,200	75,500	26,700	54	80	28
Employed.....	97,300	71,500	25,800	51	75	27
Unemployed.....	4,900	4,000	1,000	3	4	1
Not in labor force.....	87,900	19,400	68,500	46	20	72
Keeping house.....	56,300	300	56,000	30	...	59
Unable to work or inmate of institution..	10,200	6,400	3,900	5	7	4
Other and not reported.....	21,400	12,700	8,700	11	13	9
14 to 19 years.....	11,200	5,700	5,500	6	6	6
20 to 64 years.....	5,100	3,300	1,900	3	3	2
65 years and over.....	5,100	3,800	1,300	3	4	1
Civilian labor force.....	102,200	75,500	26,700	100	100	100
Employed.....	97,300	71,500	25,800	95	95	97
At work.....	90,500	66,600	23,800	89	88	89
35 hours or more.....	82,000	61,900	20,100	80	82	75
15 to 34 hours.....	6,400	3,700	2,600	6	5	10
1 to 14 hours.....	2,200	1,000	1,100	2	1	4
With a job but not at work.....	6,800	4,800	1,900	7	6	7
Unemployed.....	4,900	4,000	1,000	5	5	4

Table 7.--EMPLOYMENT STATUS OF THE POPULATION, BY SEX, FOR THE DULUTH (MINN.)-SUPERIOR (WIS.) STANDARD METROPOLITAN AREA: 1950 AND 1940

Year and employment status	Total	Male	Female	Percent distribution		
				Total	Male	Female
1950						
Persons 14 years and over.....	190,200	94,900	95,300	100	100	100
Total labor force.....	102,300	75,600	26,800	54	80	28
Civilian labor force.....	102,200	75,500	26,700	54	80	28
Employed.....	97,300	71,500	25,800	51	75	27
Unemployed.....	4,900	4,000	1,000	3	4	1
Not in labor force.....	87,900	19,400	68,500	46	20	72
1940						
Persons 14 years and over.....	202,023	105,242	96,781	100	100	100
Total labor force.....	104,197	81,708	22,489	52	78	23
Civilian labor force.....	104,197	81,708	22,489	52	78	23
Employed.....	74,166	56,325	17,841	37	54	18
Unemployed.....	30,031	25,383	4,648	15	24	5
Not in labor force.....	97,826	23,534	74,292	48	22	77

Table 8.--EMPLOYMENT STATUS OF THE POPULATION, BY AGE AND SEX, FOR THE DULUTH (MINN.)-SUPERIOR (WIS.) STANDARD METROPOLITAN AREA: 1950

(Percent not shown where base is less than 100 cases)

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
Total, 14 years and over....	190,200	102,300	102,200	97,300	4,900	87,900	100	100
14 to 24 years.....	34,700	16,900	16,800	15,000	1,800	17,900	17	37
25 to 34 years.....	35,300	21,100	21,100	20,100	1,000	14,200	21	20
35 to 44 years.....	36,700	24,400	24,400	23,600	800	12,300	24	16
45 to 64 years.....	57,100	33,900	33,900	32,800	1,100	23,200	33	22
65 years and over.....	26,400	6,000	6,000	5,700	400	20,400	6	8
Male, 14 years and over.....								
14 to 24 years.....	94,900	75,600	75,500	71,500	4,000	19,400	100	100
14 to 24 years.....	17,100	9,900	9,900	8,600	1,300	7,200	13	33
25 to 34 years.....	17,200	16,200	16,100	15,400	800	1,100	21	20
35 to 44 years.....	18,800	18,200	18,100	17,600	600	600	24	15
45 to 64 years.....	28,300	26,000	26,000	25,100	900	2,300	34	23
65 years and over.....	13,500	5,200	5,200	4,800	400	8,200	7	10
Female, 14 years and over.....								
14 to 24 years.....	95,300	26,800	26,700	25,800	1,000	68,500	100	...
14 to 24 years.....	17,600	6,900	6,900	6,400	500	10,700	26	...
25 to 34 years.....	18,100	5,000	4,900	4,700	200	13,100	19	...
35 to 44 years.....	17,900	6,200	6,200	6,100	200	11,700	23	...
45 to 64 years.....	28,800	7,900	7,900	7,700	100	20,900	29	...
65 years and over.....	13,000	800	800	800	...	12,200	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 DULUTH (MINN.)-SUPERIOR (WIS.) STANDARD METROPOLITAN AREA: 1950
(Percent not shown where less than 1)

Age	Percent of the population in the labor force			Percent of the civilian labor force unemployed		
	Total	Male	Female	Total	Male	Female
Total, 14 years and over.....	54	80	28	5	5	4
14 to 19 years.....	34	35	32	11	9	13
20 to 24 years.....	65	84	47	10	15	3
25 to 34 years.....	60	94	28	5	5	4
35 to 44 years.....	66	97	35	3	3	3
45 to 54 years.....	64	93	34	3	4	2
55 to 64 years.....	55	90	21	3	3	...
65 years and over.....	23	39	6	7	8	...

Table 10.--CLASS OF WORKER OF EMPLOYED PERSONS, BY SEX, FOR THE DULUTH (MINN.)-SUPERIOR (WIS.) STANDARD METROPOLITAN AREA: 1950 AND 1940

Year and class of worker	Total	Male	Female	Percent distribution		
				Total	Male	Female
1950						
Employed.....	97,300	71,500	25,800	100	100	100
Private wage and salary workers.....	73,000	53,300	19,800	75	75	77
Government workers.....	10,900	7,400	3,500	11	10	14
Self-employed workers.....	11,200	9,700	1,500	12	14	6
Unpaid family workers.....	2,100	1,100	1,000	2	2	4
1940						
Employed.....	74,166	56,325	17,841	100	100	100
Private wage and salary workers.....	59,628	43,805	15,823	80	78	89
Government workers.....						
Self-employed workers.....						
Unpaid family workers.....						
	1,880	1,342	538	3	2	3

Table 11.--MAJOR OCCUPATION GROUP OF EMPLOYED PERSONS, BY SEX, FOR THE DULUTH (MINN.)-SUPERIOR (WIS.) STANDARD METROPOLITAN AREA: 1950 AND 1940
(Statistics for 1940 are revised; see text. Percent not shown where less than 1)

Year and major occupation group	Total	Male	Female	Percent distribution		
				Total	Male	Female
1950						
Employed.....	97,300	71,500	25,800	100	100	100
Professional, technical, and kindred workers.....	9,300	5,200	4,200	10	7	16
Managers, officials, and proprietors, incl. farm..	12,000	10,500	1,400	12	15	5
Clerical and kindred workers.....	12,900	5,700	7,200	13	8	28
Sales workers.....	6,600	4,100	2,500	7	6	10
Craftsmen, foremen, and kindred workers.....	15,900	15,500	400	16	22	2
Operatives and kindred workers.....	20,000	17,100	2,800	21	24	11
Private household workers.....	1,600	...	1,600	2	...	6
Service workers, except private household.....	8,500	3,900	4,600	9	5	18
Laborers, except mine.....	9,800	8,900	900	10	12	3
Occupation not reported.....	800	600	200	1	1	1

Table 11.--MAJOR OCCUPATION GROUP OF EMPLOYED PERSONS, BY SEX, FOR THE DULUTH (MINN.)--SUPERIOR (WIS.) STANDARD METROPOLITAN AREA: 1950 AND 1940--Con.

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

Year and major occupation group	Total	Male	Female	Percent distribution		
				Total	Male	Female
1940						
Employed.....	74,166	56,325	17,841	100	100	100
Professional, technical, and kindred workers.....	7,588	3,907	3,681	10	7	21
Managers, officials, and proprietors, incl. farm..	12,629	11,532	1,097	17	20	6
Clerical and kindred workers.....	13,573	7,614	5,959	18	14	33
Sales workers.....						
Craftsmen, foremen, and kindred workers.....	10,023	9,862	161	14	18	1
Operatives and kindred workers.....	11,725	10,669	1,056	16	19	6
Private household workers.....	2,668	55	2,613	4	...	15
Service workers, except private household.....	7,869	4,917	2,952	11	9	17
Laborers, except mine.....	7,719	7,541	178	10	13	1
Occupation not reported.....	372	228	144	1	...	1

Table 12.--MAJOR INDUSTRY GROUP OF EMPLOYED PERSONS, BY SEX, FOR THE DULUTH (MINN.)--SUPERIOR (WIS.) STANDARD METROPOLITAN AREA: 1950 AND 1940

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

Year and major industry group	Total	Male	Female	Percent distribution		
				Total	Male	Female
1950						
Employed.....	97,300	71,500	25,800	100	100	100
Agriculture.....	5,900	4,800	1,100	6	7	4
Mining.....	9,300	9,100	200	10	13	1
Construction.....	5,300	5,100	200	5	7	1
Manufacturing.....	15,600	12,700	2,800	16	18	11
Durable goods.....	9,700	9,000	700	10	13	3
Nondurable goods.....	5,700	3,700	2,000	6	5	8
Not specified manufacturing.....	200	100	100	...	...	...
Transportation, communication, and other public utilities.....	15,100	13,200	1,900	16	18	7
Wholesale and retail trade.....	19,800	12,700	7,100	20	18	28
Service industries.....	20,500	9,100	11,400	21	13	44
All other industries.....	4,800	4,100	700	5	6	3
Industry not reported.....	1,000	600	300	1	1	1
1940						
Employed.....	74,166	56,325	17,841	100	100	100
Agriculture.....	7,174	6,750	424	10	12	2
Mining.....	4,880	4,816	64	7	9	...
Construction.....	3,272	3,213	59	4	6	...
Manufacturing.....	8,077	7,228	849	11	13	5
Transportation, communication, and other public utilities.....	10,291	9,444	847	14	17	5
Wholesale and retail trade.....	16,483	11,697	4,786	22	21	27
Service industries.....	19,146	9,214	9,932	26	16	56
All other industries.....	4,255	3,590	665	6	6	4
Industry not reported.....	588	373	215	1	1	1

Table 13.--INCOME IN 1949 OF FAMILIES AND UNRELATED INDIVIDUALS, FOR THE DULUTH (MINN.)-SUPERIOR (WIS.) STANDARD METROPOLITAN AREA

Income level	Families and unrelated individuals	Families	Percent distribution	
			Families and unrelated individuals	Families
Total.....	86,200	66,200	...	...
Number reporting.....	83,700	64,600	100	100
Under \$500.....	9,600	3,300	11	5
\$500 to \$999.....	6,900	3,200	8	5
\$1,000 to \$1,499.....	4,700	2,700	6	4
\$1,500 to \$1,999.....	5,900	4,000	7	6
\$2,000 to \$2,499.....	7,200	5,900	9	9
\$2,500 to \$2,999.....	10,000	8,600	12	13
\$3,000 to \$3,499.....	10,900	9,900	13	15
\$3,500 to \$3,999.....	7,500	6,800	9	11
\$4,000 to \$4,499.....	6,200	5,900	7	9
\$4,500 to \$4,999.....	4,000	3,800	5	6
\$5,000 to \$5,999.....	4,900	4,800	6	7
\$6,000 to \$6,999.....	1,900	1,800	2	3
\$7,000 to \$9,999.....	2,400	2,400	3	4
\$10,000 and over.....	1,600	1,500	2	2
Income not reported.....	2,600	1,600
Median income.....	\$2,878	\$3,232

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