

Chapter 5

HOUSING FACILITIES AND EQUIPMENT, AND HOME FOOD- PRODUCTION PRACTICES OF FARM- OPERATOR FAMILIES

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HOUSING FACILITIES AND EQUIPMENT, AND HOME FOOD-PRODUCTION PRACTICES OF FARM-OPERATOR FAMILIES

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INTRODUCTION

This chapter brings together information from the Census of Agriculture and the Censuses of Population and Housing on the living situation of farm-operator families. Data from the Censuses of Population and Housing on the condition and equipment of the dwelling unit previously have not been presented in relation to the business of farming. In this chapter, living conditions are related to both family characteristics, such as income, and the size of the farm business as indicated by the economic class of farm.

The Census of Housing contributes data on the housing and household equipment of farm dwelling units—the size and age of the house, the presence of running water, kitchen sink, other plumbing facilities, refrigerator, and the type of cooking fuel. The Census of Agriculture adds information on selected electrical household equipment, telephones, electricity on the farm, distance from usual trading center, kind of road on which the farm is located, and some indication of home food-production practices. The Census of Population contributes additional information on family income, size of family, stage in the family life cycle, and formal education of the operator, factors related to the level of living achieved. The economic classification of farms is provided by the Census of Agriculture.

The definition of a farm used in this report is that of the Census of Agriculture which is not the same as that of the Censuses of Population and Housing. Coverage of farm dwelling units differs in other respects also. Most farm families are included by both, but the differences affect the interpretation of statistics on housing and equipment. Even though the sample size permits tabulations for only major geographic regions of the United States, knowledge of the direction and probable extent of these differences should enhance the usefulness of the Census tabulations for other regions, individual States, and economic areas and survey data based on various Census definitions.

DWELLING UNITS COVERED

Farm-Operator Dwellings

This report presents housing data for 5,380,000 farm-operator dwelling units. Most of the dwelling units covered are those of resident operators living on farms in rural areas. The composition of the group covered is as follows:

	Number
Farm-operator dwelling units.....	5,380,000
Units on farms operated.....	5,085,000
In rural areas ¹	4,989,000
In urban areas ²	96,000
Nonresident operator units.....	169,000
On other farms.....	124,000
Not on farms.....	37,000
Whether living on farm, not reported.....	8,000
Whether resident operator, not reported.....	126,000

¹Obtained by subtracting number in urban areas from units on farms.

²Assumes that the 96,000 farms in urban areas according to Census of Population and Housing definitions were the units in those areas classified as farms in the Census of Agriculture and that all were occupied by resident operators.

Operator dwelling units not on farms account for less than 1 percent of the total, and dwellings of all nonresident

operators, for only about 3 percent. Among the nonresident operators who live on farms they do not operate are sons who live in the homes of parents but operate other farms, and farm operators who room and board on other farms. The remaining nonresident operators probably lived in nearby towns or even in cities some distance away. This practice has grown since 1940 in the Plains and a few Mountain States where the type of farming such as wheat farming does not require constant presence of the farm operator, and the family wishes to take advantage of community facilities such as schools or perhaps better housing available in town. Housing data are not available for all the nonresident operator dwellings shown in the estimates from this study (see page 72 of this chapter).

Data in this report somewhat underestimate the number of nonresident operator dwelling units. The 1950 Census of Agriculture shows nearly 5 percent nonresident operators. The understatement is greatest in the West where nonresident operators are relatively more important. Probably the number of nonresident operators living in towns or cities is the segment that is underestimated.

The dwelling units covered by this report include only a few in urban areas. They are either urban residences of the nonresident farm operators described above or operator dwelling units on farms in urban areas. The number of operators living in areas classed as urban by the Censuses of Population and Housing is not available from this project but has been estimated using the Census of Housing report of 96,000 dwellings on farms in urban areas based on the Census of Population definition of farm. Other Census data suggest that most of the operator dwellings on urban farms are in the North. All operator dwellings in urban areas, those of nonresident operators living in towns plus those living on farms within urban areas, probably account for no more than 3 percent of the total farm-operator dwelling units.

For the most part, this report covers only occupied dwelling units. The tabulations include only 39,000 vacant units, fewer than 1 percent of the operator dwellings. The reasons for inclusion of the vacant units and the various statistics that they affect are discussed on page 72 of this chapter. About 25,000 of the vacant dwelling units are included because information for the dwellings of nonresident operators was not available.

Comparison with Farm Dwellings of Censuses of Population and Housing

For the 1950 Census of Housing the classification of dwelling units as farm or nonfarm was made largely on the basis of the answer to the question, "Is this house on a farm (or ranch)?" However, enumerators were instructed to classify as nonfarm all institutions, summer camps, tourist cabins, and similar places even though on farms, and all dwelling units on farms for which cash rent was paid for the house and yard only. In this report, on the other hand, farm-operator dwelling units are the dwellings, wherever located, of farm operators with a farm defined as a place of 3 acres or more that produced \$150 in agricultural products exclusive of home gardens, or a place of less than 3 acres if \$150 was received from the sale of agricultural products.

The counts of farm dwelling units included in the Census of Housing and in this report with the different definitions of a farm and with the different procedures as to inclusion of vacant

units, units of operators who do not live on farms, and units occupied by persons who do not operate farms are as follows:

	Dwelling units on farms, Census of Housing definitions	Farm-operator dwelling units, Census of Agriculture definitions
Total dwelling units...	16,454,000	5,380,000
Units in rural areas.....	16,358,000	5,284,000
Occupied.....	15,721,000	5,245,000
Occupied by resident operators and those nonresident operators living on farms.....		5,211,000
Units included in both groups.....	24,978,000	4,978,000
Units included only in farm-operator group.....		233,000
Operator units included only in Census of Housing	3,493,000	
Units on farms occupied by other than operator.....	4,250,000	
Vacant.....	1,593,000	39,000
Units temporarily occupied by persons whose permanent residence is elsewhere.....	144,000	
Units in urban areas.....	196,000	596,000

¹Total as shown by the 1950 Census of Housing.
²Estimate based on data obtained by tabulation of data for this project.
³Estimates based upon tabulation data for a sample of 1,408 households taken from 5,260, or 5 percent of enumeration districts having farms in 1950. This figure is subject to considerable sampling variability.
⁴Estimates obtained by subtracting totals for all groups listed from the total number of dwelling units.
⁵Assumes that the 96,000 farms in urban areas according to Census of Population and Housing were the units in those areas classified as farms by Census of Agriculture and that all were occupied by resident operators.

The central core of 4,978,000 dwelling units covered in both sets of reports is by far the major part of each group. It is 93 percent of the farm-operator dwelling units covered in this report. It is 87 percent of the occupied dwellings on farms in

rural areas and 78 percent of all dwelling units on rural farms covered by reports of the Census of Housing.

Housing Characteristics Compared with Census of Housing

When the farm universe is limited to operator dwelling units as defined in this report, the housing statistics reveal larger houses, in better condition and better equipped, but not newer (see table 1). As might be expected, the contrast is sharper for items that are reported for all dwelling units, including those vacant at the time of enumeration, than when the comparison is made for occupied units. In either case, the amount of change in the percent having a specified housing facility or piece of equipment is relatively small.

The situation for the North and West combined and for the South is similar to that for the country as a whole. Fewer of the dwelling units of farm-operator families are dilapidated. Relatively more are larger and more have hot and cold running water than all dwelling units on rural farms. In the North and West the proportion of operator houses built since 1945 is smaller, but this difference does not hold for the South. In both regions, relatively more dwellings occupied by farm-operator families have kitchen sinks, mechanical refrigerators, and gas or electric cook stoves than do all rural-farm occupied dwelling units.

Inclusion of vacant houses in the Census of Housing lowers the quality of farm housing reported in that Census. The great difference in the quality of occupied and vacant housing can be inferred from data on dilapidation in table 1. Vacant units comprise only 10 percent of the total number of units on rural farms but reduce the proportion of units that are not dilapidated by 4 percentage points. A fourth of the units vacant at the time of the Census were for seasonal workers, and another third or more were nonseasonal but dilapidated units. Some of the vacant units on farms were probably the relatively inferior houses of former farm operators, vacated in the course of consolidation of farm units.

The inclusion of farm dwellings occupied by someone other than a farm-operator family also tends to lower somewhat the

Table 1.—HOUSING CHARACTERISTICS AND EQUIPMENT OF FARM-OPERATOR DWELLING UNITS AND ALL DWELLING UNITS ON RURAL FARMS. FOR THE UNITED STATES AND REGIONS: 1950

[Data from this project are based upon a sample. For a description of the sample and a statement of reliability of data, see page 3. Asterisk (*) denotes statistics based on a 20 percent subsample.]

Characteristic	United States			North and West			South		
	Farm-operator dwelling units, this project	Dwelling units on rural farms, Census of Housing ¹		Farm-operator dwelling units, this project	Dwelling units on rural farms, Census of Housing ¹		Farm-operator dwelling units, this project	Dwelling units on rural farms, Census of Housing ¹	
		Total	Occupied		Total	Occupied		Total	Occupied
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Condition:									
Not dilapidated.....	84	81	83	93	88	75	70		
Dilapidated.....	16	19	17	7	12	25	30		
Size:									
1 or 2 rooms.....	4	7	5	3	5	5	8		
3 or 4 rooms.....	29	32	31	17	20	41	45		
5 or 6 rooms.....	38	36	37	38	36	39	35		
7 or more rooms.....	29	25	27	42	39	15	12		
*Year built:									
1945 or later.....	9	10	10	5	8	14	13		
1940 to 1944.....	6	5	5	3	4	9	7		
1930 to 1939.....	14	15	15	9	10	20	20		
1920 to 1929.....	14	16	16	13	12	17	21		
1919 or earlier.....	57	54	54	70	66	40	39		
Water supply:									
Hot and cold piped running water inside structure.....	31	29		46	41	18	15		
Cold piped running water inside structure.....	12	14		13	15	11	13		
No piped running water inside structure.....	57	57		41	44	71	72		
Plumbing facilities:									
Flush toilet inside structure.....	30	28	29	42		18			
Installed bathtub or shower.....	33	30	31	45		21			
*Kitchen sink.....	58		55	77		75	37		33
*Refrigeration:									
Mechanical.....	66		63	79		75	53		50
Ice.....	12		12	5		6	18		18
Other or none.....	22		25	16		19	29		32
*Cooking fuel:									
Coal or wood.....	49		50	37		39	62		64
Liquid fuel.....	8		9	6		8	9		10
Gas or electricity.....	42		39	56		52	27		24
Other or none.....	1		2	1		1	2		2

¹U. S. Bureau of the Census, U. S. Census of Housing, 1950, Preliminary Reports, Series HC-5, Nos. 1 and 3, and based on data from Volume I, General Characteristics and from Volume III, Farm Housing Characteristics.

level of housing reported in the Census of Housing. Among these units are those provided year-round hired farm workers and dwellings occupied by partners or relatives of the operators. Special tabulations made from the 1945 Census of Agriculture for the Bureau of Agricultural Economics and Bureau of Human Nutrition and Home Economics have shown that housing provided regular hired farm workers, although not as modern as that of their employers, is similar to operator housing on the smaller farm enterprises in the area.

Since the number of vacant houses exceeds the number of units occupied by someone other than the operator and since the quality of the former is undoubtedly poorer than that of the latter, the inclusion of vacancies is the more important of the two in explaining differences in levels of housing shown by the Census of Housing and this project.

The effect of differences in the definition of farm on the kind of housing reported is difficult to appraise. The net effect of the difference in definition of the farm and the exclusion from this report of the nonoperator farm units can be judged by comparing the occupied dwelling units from the Census of Housing with units covered by this project (see table 1).

The coverage of urban farms and, to a limited extent, the dwellings of nonresident operators, by the Census of Agriculture definitions tends to raise the level of housing and so to increase the difference between the Census of Housing and this report. Although analysis of the data for nonresident operators is limited by the small number of sample cases provided by this project and by the fact that data for all nonresident operators cannot be included, available data suggest that a larger proportion of the nonresident operators had running water piped into the dwelling, flush toilets, and installed bathtubs or showers. It is also reasonable to assume that farm operators in urban areas have better housing than do resident operators in rural areas. These groups are such a small proportion of all operators, however, that including them has little effect on the picture of farm housing.

Tenure for Dwelling Unit Compared with Census of Housing

The picture of dwelling-unit tenure of farm operators obtained from this project is different from that given for occupied units on rural farms in the Census of Housing. Since the tenure arrangement under which the dwelling unit is occupied is a major classification for the farm dwelling unit statistics in volume III of the 1950 Census of Housing, examination of the farm-operator group aids in interpretation of these data. The differences in the distributions of dwelling units by tenure for the United States are as follows:

	Rent			
	Total	Owner	Renter	free
Occupied farm-operator dwelling units ¹.....number (000)...	5,341	3,823	904	614
percent distribution...	100	72	17	11
Occupied dwelling units on rural farms, Census of Housing ².....number (000)...	5,660	3,702	1,084	874
percent distribution...	100	66	19	15
Difference.....number (000)...	-319	+121	-180	-260
percent of occupied dwelling units on rural farms..	6	3	17	30

¹Excludes 39,000 vacant operator dwellings, primarily of operators who did not live in the Enumeration District in which the farm was located.

²U. S. Bureau of the Census, U. S. Census of Housing: 1950. Vol. III Farm Housing Characteristics. Data are based upon a 20 percent sample of all farm dwelling units.

The dwelling units on farms that are occupied by others than farm operators could account for a part of the difference between the two in the rent-free category. Urban dwelling units occupied by operators who do not live on the farm they operate, which are included in the farm-operator dwelling unit group but not in the Census of Housing, would fall in the owner or renter categories. Although it is not known how to divide them, they probably account for most of the difference in the owner group, and add to the discrepancy in the renter group. The major portion of the net effect of different definitions of the farm and of inclusion of urban units then falls in the renter group.

The rent-free category as reported by the Census of Housing may include many share tenants and croppers as well as managers and hired farm workers getting their housing on the employing farm as a perquisite (doubtless the hired farm workers were primarily regular workers at the time of year at which the census was taken) and relatives of the operator who receive the house either as a gift or as part of some farm operation or rental agreement with the operator. However, it is recognized that Census enumerators may enter share tenants and possibly croppers as renters paying cash rent rather than as occupying their dwelling rent-free. From this project, it is estimated that 185,000 nonoperator occupied dwelling units are on farms as defined by the Census of Housing. These undoubtedly cover the regular hired farm workers provided houses as perquisites and relatives of the operator included in the rent-free group. This estimate suggests that such cases may comprise about a fifth of the rent-free group on farms for which data are shown in the Census of Housing.

From this project, the farm tenure composition of each of the dwelling unit tenure groups for farm operators has been obtained (see table 2). In general, those operators who are shown as owning their dwelling unit are shown as owning their farm, but the two rent groups show considerable divergence. A third of the operators in the rent-free group are croppers; a sixth, farm owners; and half are tenants other than croppers. The renter group is about a sixth croppers and a sixth farm owners; some of these farm owners are part-owners of the farm and presumably rent the dwelling and part of the land farmed, and own the rest of the land.

TABLE 2.—TENURE OF FARM-OPERATOR DWELLING UNITS, BY TENURE OF FARM OPERATOR: 1950
[Data are based upon a sample. For a description of the sample and a statement of reliability of data, see page 3.]

Tenure of farm operator	TENURE OF DWELLING UNIT				
	Total	Owner	Renter	Rent-free	Vacant dwelling unit ¹
Total.....	(000) 5,380	(000) 3,823	(000) 904	(000) 614	(000) 39
Owner or manager.....	3,932	3,665	131	102	34
Part owner.....	846	734	72	38	2
Tenant other than cropper in South.....	1,078	133	635	306	4
Cropper in South.....	371	26	138	206	1
PERCENT OF EACH DWELLING UNIT TENURE GROUP					
Total.....	100	100	100	100	100
Owner or manager.....	73	96	15	16	87
Full owner or manager.....	57	77	7	10	81
Part owner.....	16	19	8	6	6
Tenant other than cropper in South.....	20	3	70	50	10
Cropper in South.....	7	1	15	33	3
PERCENT OF EACH FARM TENURE GROUP					
Total.....	100	71	17	11	1
Owner or manager.....	100	93	3	3	1
Part owner.....	100	87	9	4	(?)
Tenant other than cropper in South.....	100	12	59	29	(?)
Cropper in South.....	100	7	37	56	(?)

¹Primarily farms where operator's dwelling was not in same Enumeration District as farm.

²Percent not shown when less than 0.5.

HOUSE, GARDEN, AND HOUSEHOLD EQUIPMENT BY ECONOMIC CLASS OF FARM

Housing on Low-Production Farms

Class V and VI commercial farms.—Data on family income and size of the farm business suggest that the low-income problem among farm-operator families is most acute on class VI commercial farms. This class also ranked lowest in the housing and equipment items considered in this chapter (see table 3). These are the farms that had from \$250 to \$1,200 worth of farm sales, on which operators had less than 100 days of work off their farms during the year, and on which other income of the family did not exceed the value of farm sales. Two-thirds of the class VI group had family income under \$1,000, and another sixth had income from income from \$1,000 up to \$1,500.

Farms in class V also were relatively low-production farms, but family income is higher in this group, and housing and equipment is better. By definition, gross farm sales range from \$1,200 up to \$2,500 for this class, and no limit was set on nonfarm income. A third has family income of less than \$1,000 and about a sixth had more than \$3,000.

The class VI commercial farm families represent about an eighth of all farm-operator families, and the class V about a sixth. Three-fourths of the class VI and more than half of the class V units are in the South. Tobacco and cotton farmers make up a large part of these groups. Class VI farms are numerous in the hilly upland sections of the South and the Mississippi Delta; the class V farms are more widely distributed.

In the South, fewer than 15 percent of the class VI commercial farms had running water piped into the dwelling or used electricity or gas for cooking, and fewer than 20 percent had kitchen sinks with drains. Very few of the class VI commercial farms in the South had telephones, and about a third of the dwellings were classed as dilapidated by the Census enumerator.

Even though class VI commercial farms ranked lowest in percentage with electricity, as well as with other conveniences, about 60 percent of the farms of this class in the South had electricity. Presumably in most instances this means that electric lighting was in the dwelling, although among croppers it is not certain that enumerators interpreted electricity on the farm to mean on the cropper unit. A fourth of the families had electric washing machines, and slightly more had mechanical refrigerators. The dwelling was smaller on the average than those in other classes of farms in the South. The number of persons per room was 0.9, which was the same as the average for all farm operators in the South.

The operators in the South were older on the average in class VI than in most of the other classes and had somewhat smaller families. The proportion of couples with no children under 18 at home was larger. About three-fourths of the operators had not completed elementary school, the largest proportion of any class.

Houses of class V commercial farm operators were larger and less often dilapidated than of class VI, as well as better in other respects. In the South, a fourth had piped running water, two-fifths had electric washers, and more than half had mechanical refrigerators.

Operator housing on class V and VI commercial farms in the North and West is better than in the South. For example, about half of the operator dwellings on class V farms in the North and West had piped running water compared with a fourth in the South. Also, more northern farmers reported kitchen sinks with drains, but no running water. Many of the units that had kitchen sinks with drains but had no piped running water probably had hand pumps in the kitchen.

Part-time and residential farms.—The part-time and residential farms that together make up the "other" operator group have considerably better housing than the farms in class V and VI. For most of these families, farming is a supplementary source of income, and family income is higher than on class V and VI commercial farms. The class limits on volume of farm sales are the same for class VI commercial farms as for the part-time units. The residential units had less than \$250 worth of farm sales and about a third of them had no cash sales, yet only a fifth of the part-time and a third of the residential units had family incomes under \$1,000. About a fourth in each group had incomes over \$3,000.

As housing facilities vary not only with income but also with location in relation to a population center, these noncommercial farms may be expected to differ from other farms in regard to housing facilities. More than half of these families lived within 5 miles of their usual trading center, a larger proportion than any other class. A third lived on hard-surface roads—a larger proportion than for any other class of farms except the largest scale commercial farms.

These "other" operator families had hot and cold running water piped into their dwellings and the other plumbing facilities in somewhat larger proportion than operator families among the

class V commercial farmers. In other respects the housing and equipment situation of this combined group was similar to that of class V farms. This may be related to the fact that the income distribution of the "other" group is not greatly higher than the class V group, and their distribution according to the educational level of the operator is more similar to that of the class V group than any other class of farm.

For many purposes, it is well to consider the residential farm units separately from the part-time units. As noted above, the family income distribution of the residential group was a little lower than that of the part-time units. There was no difference in the average size of family, but the operators in the residential group were older, and the proportion of units with children under 18 at home was smaller. A fifth of the operators of residential farms were 65 or older compared with about a tenth of part-time farm operators. The distribution of operators by years of school completed shows a lower level of formal education among the residential group than among the part-time farmers; this may well be related to the differences in age distribution. Except for class VI, the residential group probably includes the highest proportion of those who have retired from active work.

The proportion of the dwelling units located within 5 miles of the usual trading center was somewhat larger for the residential farm units than for the part-time units; 13 percent were located within 1 mile of the usual trading center. This is the result of the slight concentration of residential units near large metropolitan centers. A slightly higher proportion of the residential units were on hard-surface roads.

Notwithstanding locations closer to usual trading centers, the proportion of residential farm-operator dwelling units with running water and other plumbing facilities was slightly lower among residential than among part-time units. Also for most of the selected equipment items that are considered to be more desirable, the proportion was lower. Income and age differences are important elements in the explanation.

Housing on Medium Family Farms to Large-Scale Units

The size of the dwelling and the proportion of units not considered dilapidated increase from the class V commercial farms by classes up through the class I and II units. Similarly, the percentage with running water and other plumbing items, kitchen sinks, electricity, and the selected electrical equipment, mechanical refrigerators, gas and electric cook stoves, and telephones also increased as the size of the farm business increased.

On the class I and II farms, most of the operator dwellings had electricity, kitchen sinks with drains, and mechanical refrigerators, but 20 percent did not have running water piped inside the dwelling. About 30 percent did not have hot and cold running water or the other plumbing facilities. About a third had home freezers.

On the largest scale commercial farms, housing differences between the South and the North and West are few. The operator dwellings on this size farm enterprise that did not have kitchen sinks with drains were primarily in the South. Both telephones and electric washing machines were relatively more frequent in the North and West than in the South. However, the sample of class I and II farms in the South is so small that the housing data presented in table 3 for such farms cannot be interpreted as a precise measure of the situation.

Construction of New Houses

Age of dwelling is a rough indicator of housing quality. It can be only a very incomplete indicator, however, since these data relate to the year of original construction and houses may have been remodeled. In addition, some new houses are of relatively cheap and unsubstantial construction.

Well over half of all operator dwellings were built before 1920 and less than a tenth have been built since 1944. As indicated by the age of farm-operator dwellings standing at the time of the census, building since World War II has been heavier in

the South than in the North and West. In the latter region, only 5 percent of operator dwellings were built in 1945 or later; in the South, 14 percent.

Much of the new building has been on low-production farms. Only about a fourth of the dwellings built for operator families in 1945 or later are on class I to IV commercial farms, which comprise 40 percent of all farms. In the North and West, a larger proportion of the houses occupied by operators of class VI and part-time farms had been built in 1945 or later than in other classes—larger also than the proportion these farms made up of the total. Building rates in the other two low-production classes were more closely in line with the proportion of farms. In the South, the low-production farm operators reported the same proportion of the new dwellings as their weight in the total number of farms; among these farms, however, the new building rate was high for residential farm operators and low for class V operators.

The great majority of the new operator dwellings are on owner-operated farms. In both regions new operator dwellings were built on owner-operated farms at a slightly higher rate than on tenant-operated farms. In the North and West, owner-operated farms comprised 80 percent of all farms and reported 89 percent of all new operator dwellings. Similar figures for the South are 66 and 76 percent, respectively (see table 5). In the latter region the remainder of new dwellings were divided proportionately between croppers and other tenants. Data for the 1950 Census of Housing indicate, however, that a large proportion of the new dwellings occupied by croppers and other tenants had only one or two rooms and were of inadequate original construction and hence were classified as dilapidated. In the South, nearly half of the new houses were occupied by families with income between \$1,000 and \$3,000; in the North and West, nearly as many were occupied by families with \$3,000 or more income (see table 4). For both regions this is more than the proportion of families in these income groups.

Home Food-Production Practices

In the South nearly 80 percent of farm-operator families raise vegetables for home use, compared with nearly 70 percent in the North and West. A somewhat larger proportion of southern than northern farmers have chickens, but nearly three-fourths of the northern farm-operator families have one or more milk cows compared with about two-thirds in the South. Fewer farm families produce their own meat than have the other types of home food production. In both regions about two-thirds of the farm families slaughter meat animals, with pork by far the most frequent kind of home-produced meat.

These data on the proportion of farm-operator families with various types of home food production tell only part of the story. They do not show how much garden produce, milk, or meat the farm families produced and used themselves or what share of their total food supply came from home production, measured either by its nutritional contribution or its money value. However, other studies indicate that families with gardens consume more fruits and vegetables than those without gardens. Gardens make a great contribution to diets as fruits and vegetables provide nearly all of the ascorbic acid and a large part of the vitamin A in diets in this country. According to studies of food consumption in the South, farm families that did not keep at least one cow consumed very little milk, and had diets low in calcium and riboflavin. Home-produced meat is important because it helps supply protein along with milk and eggs from the farm, and it makes a major contribution to the money value of the farm family's food.

In the South, class of farm is related to the frequency of these home food-production practices. The proportion with a garden increased from 55 percent on class I and II commercial farms up to nearly 85 percent on the class V and VI commercial farms. The part-time and residential units fell into an intermediate position, about 75 percent reporting gardens. The proportions of families on commercial farms that kept chickens and slaughtered hogs also increased as the size of the farm business decreased, although differences were not as marked as for gardens. Milk

cows, on the other hand, were reported more frequently on the larger farms. On the largest commercial farms, nearly 80 percent of the southern farm-operator families had milk cows; on the smallest commercial units, a little less than 70 percent.

In the North and West the proportion of the largest commercial farms, class I and II farms, following these home food-production practices was smaller than of the medium-size commercial units. Then from the class III units down to the smallest commercial units, the proportion with milk cows, chickens, gardens, and the proportion slaughtering decreased. The proportion of part-time and residential units with each of these practices was somewhat lower than that of the smallest commercial unit for all practices except gardens.

Farm-operator families that have gardens have other kinds of home food production more frequently than do operator families without gardens. Nearly 85 percent of the families that had gardens, kept chickens; nearly 75 percent kept milk cows, and 70 percent slaughtered meat animals (see table 7). The percentages were from 10 to 20 points lower for families that did not have gardens. These differences are found in both regions and for both commercial and other farms within the region.

In the South, the practice of having a garden was about equally common among white and nonwhite farm-operator families and included around 80 percent of each group. Among those who had gardens, there was little difference in the percentage that kept chickens or slaughtered hogs for home use. But only half of the nonwhite families that had gardens kept milk cows, compared with three-fourths of the white operators that had gardens. Nonwhite farmers in the South operated dairy farms less frequently, but the difference was not great enough to explain the difference in the proportion having milk cows.

HOUSING AND HOUSEHOLD EQUIPMENT BY INCOME AND TENURE

The importance of family income as a factor affecting housing has already been shown by the better operator housing on noncommercial farms, especially the part-time farms, than on class VI commercial farms, where farm incomes were lower and there was less nonfarm income. With separate tabulations for commercial and "other" farms, the effect of family income is even clearer (see table 5). The least well equipped farm houses are those of farm operators with family incomes below \$1,000. But even with incomes of \$3,000 or more, on both the commercial and the "other" farms, about 3 in 10 dwellings did not have piped running water inside the structure; nearly half did not have flush toilets; and 1 in 10 did not have mechanical refrigerators.

Tenants in the North and West had such facilities as running water less often than owners, but there was little difference between farm-tenant and owner housing in the equipment that was not part of the house. Because facilities and equipment are closely related to the level of family income (see table 4), the comparison is made for houses on commercial farms in the same broad family-income groups. Compared with those in the same income groups, fewer tenants than owners had the basic housing facilities (see table 6). Nearly two-thirds of the owner-operators of commercial farms with income over \$3,000 had hot and cold running water compared with less than half of the tenants. Few owners, but a fourth of the tenants, had kitchen sinks but not running water; many of them probably had hand pumps at the kitchen sink. In contrast, tenants more often than owners had telephones; tenants about as often as owners had electric washing machines; and only slightly fewer tenants than owners had mechanical refrigerators and electric or gas cook stoves.

Persons per room were the same for farm owners and tenants in the North and West, 0.6 persons per room. Tenants' houses were larger than owners', on the average, but the average tenant family was larger. The tenant operators were younger, averaging 37 years of age on commercial farms compared with 51 among the owners, and had more children under 18 still at home.

In the South, farm owners have considerably better dwellings and more equipment than the tenants other than croppers. For example, on the farms where family income was from \$1,000

up to \$3,000, 36 percent of the owners' and 14 percent of the tenants' (other than croppers') houses had running water. Differences between cropper units and those of other tenants are not as great.

TABULATION PROCEDURES AND LIMITATIONS OF DATA

The sample design and sampling errors, definitions of items, and limitations of a general nature are discussed in chapter 1. This section presents only the procedures of particular importance to the data presented primarily in this chapter.

Computation

Most of the data in the accompanying tables are percentages, rounded to the nearest whole number. Percentages are used for convenience in showing patterns of differences among groups. Counts of the number answering the question as to whether the family or dwelling unit had a particular characteristic or item are given so that values for other combinations of families or dwelling units can be computed. These counts also indicate the extent of incomplete reporting, and may aid in appraising the estimates.

For a few items drawn from the Census of Agriculture the base of the percentages shown is the total number of farm operators, because tabulation procedures did not distinguish between a zero entry and an incomplete report. In such instances the percentage shown as having the item may be somewhat understated, though the error is probably small. These items are electricity, electric water pump, electric water heater, electric washing machine, home freezer, telephone, and the selected home food-production practices.

Four of the items drawn from the Census of Population and Housing—age of dwelling unit, refrigeration, kitchen sink, and cooking fuel—were based on a subsample of approximately 20 percent of the dwelling units. In this project, data for these sample items have been estimated by multiplying the number in the sample by five. However, the sampling rate for this sample was not always exactly 20 percent. Therefore, the resulting estimate of the number reporting is occasionally higher than the total number in the group, because the sampling rate sometimes was slightly greater than 20 percent. In such cases the accuracy of the percentages shown is not impaired. However, the estimated number reporting cannot be subtracted from the total number of farm-operator units to show the number not reporting.

Regional Combinations

Data for the North and West were combined into one region for nearly all tables in this report. The number of cases in the West makes up only 17 percent of the total for the combined regions. In general, there are only small differences between the North and West as to family characteristics, but there are marked differences for some of the housing and equipment data.

Differences are large for running water. More than 80 percent of the farm-operator families in the West have running water piped into the structure compared with about 50 percent in the North (see table 5). The difference occurs in the proportion of units that have both hot and cold running water, not those with cold water only. Also a larger proportion of the western farm-operator dwellings have flush toilets and installed bathtubs or showers than in the North.

The North and West are little different in the proportion of farm-operator dwellings that had electricity or the selected electrical equipment for which data are available. Relatively more western farm-operator families had kitchen sinks with drains, 84 percent compared with 76 percent in the North. The proportion of farms with telephones is lower in the West, 51 percent, compared with 62 percent in the North.

When the North is considered separately, there were slightly more farms with electric water pumps than farms with running

water piped into the dwellings. (A similar difference is shown for class III and class IV farms in the North and West, combined.) This is explained by the differing definitions of the Census of Agriculture and the Census of Housing. The Census of Agriculture reports only electric water pumps; a farm with an electric pump for the barn or for irrigation, but not with running water in the house, would be counted as having the pump. In the Census of Housing, the question relates to piped running water inside the dwelling unit structure regardless of the type of pump or water system.

Inclusion of Vacant Dwellings

When an operator did not live in the Enumeration District in which his farm was located, data for his farm obtained in the Census of Agriculture were included in the tabulations for this report. However, population and housing data were not available for that operator. Consequently, population and family characteristics, such as education of operator, size of family, and family income, are not known for that family. If there was a vacant dwelling unit on such a farm, data for this unit from the Census of Housing were included in this project; if there was no vacant dwelling on the farm, characteristics of the dwelling unit are considered to be not known.

Data on electricity on the farm obtained for the Census of Agriculture related to the farm and not necessarily to the operator's dwelling. Consequently, when the operator is non-resident and there is a vacant dwelling, the farm may have been counted as having electricity because either the vacant dwelling unit had electricity or there was electricity elsewhere on the farm.

Only 39,000, or fewer than 1 percent of the farm-operator dwellings included in the tabulations for this report, were vacant units. In most cases, the operators of the farms on which these dwellings were located did not live in the Enumeration District in which the farms were located. About 25,000 of them were nonresident farm operators.

Family Composition, Size, and Persons per Room

The definition of the family is that used by the Census of Population, except that the few one-person operator units are treated as families rather than as single individuals, and in contrast to many family living studies, the family includes all in the household who are related to the operator without regard to the degree of financial dependence.

The family composition classification used in this report differs from that used in many family living studies in that relatives of the operator such as parents, brothers or sisters, or older children may be present without affecting the family-type classification. Other studies frequently limit the family type to husband and wife and no persons other than the specified number of children; however, classifications used in family living studies are often based on persons in the economic family and exclude from consideration related members who comprise separate financial units.

In a few cases, the family composition classification does not relate to the family of the operator. When the operator was not the head of the household, but instead was related to the person listed as the head of the household, the family-type classification was based on all persons related to the head of the household. For example, if an older woman, her grown son, and his wife are a family operating the farm and if the mother is listed as the head of the household, but the son is listed as the farm operator, the family composition classification would be other than husband-wife family. If the classification had been based on the operator's family situation, the family would have been designated as a husband-wife family with no children under 18 at home. Only about 3 percent of the total number of families in this project are so classified.

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The average size of household shown in this chapter is the aggregate number of persons in the household divided by the total number of farm-operator households; that is, the total number of farm operators. The average size of family is the total number of persons related to the operator divided by the number of operators reporting. Families with 12 or more persons were considered to have 12 members.

Persons per room were computed by dividing the number of persons per operator family by number of rooms per dwelling unit, with units of 12 or more rooms considered to have 12 rooms. However, the aggregate number of rooms included rooms in the few vacant operator dwelling units. Estimates of persons per room have not been restricted to those families who reported both rooms and persons.

FARMS AND FARM PEOPLE

Table 3.—FAMILY AND HOUSING CHARACTERISTICS AND EQUIPMENT, AND FOOD-PRODUCTION PRACTICES, BY ECONOMIC CLASS OF FARM, FOR THE UNITED STATES AND REGIONS: 1950

[Data are based upon a sample. For a description of the sample and a statement of reliability of data, see page 3. Asterisk (*) denotes statistics based on a 20 percent subsample.]

Item	Total, all farms	Commercial farms						Other farms		
		Total	Classes I and II	Class III	Class IV	Class V	Class VI	Total	Part-time and abnormal	Residential
UNITED STATES										
TENURE OF DWELLING UNIT										
Farms.....number..	5,380,127	3,793,005	485,822	753,305	907,873	919,651	726,354	1,587,122	625,525	961,597
Farm operator occupied dwelling units.....number..	5,341,190	3,769,059	481,386	748,932	903,411	912,664	722,666	1,572,131	618,915	953,216
Owner occupied.....number..	3,823,245	2,539,140	325,575	520,313	619,016	600,146	474,090	1,284,105	498,541	785,564
Renter occupied.....number..	904,079	735,330	100,288	157,658	176,907	167,381	133,096	168,749	66,579	102,170
Rent free.....number..	613,866	494,569	55,523	70,961	107,488	145,137	115,480	119,277	53,795	65,462
Vacant farm operator dwelling units ¹.....number..	38,937	23,946	4,436	4,373	4,462	6,987	3,688	14,991	6,610	8,381
RESIDENCE										
Farm operators reporting.....number..	5,254,271	3,715,198	478,639	740,869	892,993	898,594	704,103	1,539,073	611,317	927,756
Operator residing on farm operated.....percent..	97	97	96	97	97	96	97	97	96	98
Operator not residing on farm operated.....percent..	3	3	4	3	3	4	3	3	4	2
FAMILY CHARACTERISTICS AND INCOME										
Average size of operator's family.....number..	4.0	4.0	4.0	4.1	4.1	4.1	3.8	4.1	4.1	4.1
Composition of operator's family:										
Farm operators reporting.....number..	5,341,190	3,769,059	481,386	748,932	903,411	912,664	722,666	1,572,131	618,915	953,216
Operator only.....percent..	4	4	3	2	2	4	8	5	3	6
Husband and wife with—										
No children under 18.....percent..	34	34	30	31	35	36	39	33	33	34
1 or 2 children under 18.....percent..	31	32	40	37	32	29	23	29	32	27
3 or 4 children under 18.....percent..	15	15	17	17	17	14	11	16	18	15
All other units.....percent..	16	15	10	13	14	17	19	17	14	18
Median age of operator.....years..	47.6	47.1	43.7	44.8	46.6	47.6	53.6	49.0	46.4	50.9
Years of school completed by operator:										
Farm operators reporting.....number..	5,281,934	3,731,357	477,126	743,530	899,042	897,415	714,244	1,550,577	612,074	938,503
Did not complete elementary school.....percent..	42	40	17	23	35	50	64	48	42	52
Completed elementary school, but not high school.....percent..	41	42	43	53	49	38	31	38	41	36
Completed high school or more.....percent..	17	18	40	24	16	12	5	14	17	12
Income of operator's family in 1949:										
Farm operators reporting.....number..	5,252,761	3,702,632	475,622	737,508	890,861	890,190	708,451	1,550,129	622,372	927,757
Work off farm.....percent..	40	27	22	25	28	35	22	69	74	65
100 days or more.....percent..	23	9	5	7	10	18	.....	57	62	54
Farms.....number..	5,380,127	3,793,005	485,822	753,305	907,873	919,651	726,354	1,587,122	625,525	961,597
Other family members working off the farm.....percent..	18	14	10	13	16	18	11	28	32	26
Any income other than from farm operated or wages.....percent..	24	19	19	17	19	23	14	38	44	34
Other income of family exceeding value of farm products sold.....percent..	28	9	4	5	11	21	.....	74	87	65
SIZE AND CONDITION OF DWELLING UNIT										
Number of rooms:										
Farm operators reporting.....number..	5,285,641	3,722,816	472,222	739,078	893,644	902,035	715,837	1,562,825	618,171	944,654
1 or 2 rooms.....percent..	4	3	1	1	2	4	7	5	5	6
3 or 4 rooms.....percent..	29	26	11	14	21	35	44	35	31	36
5 or 6 rooms.....percent..	38	38	36	37	42	37	35	40	41	40
7 or more.....percent..	29	33	52	48	35	24	14	20	23	18
Rooms.....average number..	5.6	5.8	6.8	6.6	6.0	5.4	4.7	5.2	5.3	5.1
Persons per room.....average number..	0.7	0.7	0.6	0.6	0.7	0.8	0.8	0.8	0.8	0.8
Condition:										
Farm operators reporting.....number..	5,278,828	3,727,963	478,612	742,799	893,153	900,204	713,195	1,550,865	609,761	941,104
Not dilapidated.....percent..	84	86	97	95	89	81	70	80	84	77
Dilapidated.....percent..	16	14	3	5	11	19	30	20	16	23
AGE AND LOCATION OF DWELLING UNIT										
Year built:										
Farm operators reporting.....number..	4,971,420	3,507,885	419,385	736,770	876,560	874,560	600,610	1,463,535	621,865	841,670
1945 or later.....percent..	9	8	7	6	5	7	14	11	9	13
1940 to 1944.....percent..	6	5	4	3	6	5	4	8	9	7
1930 to 1939.....percent..	14	13	14	6	13	14	17	19	18	20
1920 to 1929.....percent..	14	14	12	13	14	15	15	15	15	15
1919 or earlier.....percent..	57	60	63	72	62	59	50	47	49	45
Distance to trading center:										
Farm operators reporting.....number..	5,230,510	3,712,337	469,558	741,187	896,691	898,011	706,890	1,518,173	604,879	913,294
Under 1 mile.....percent..	7	6	5	5	4	6	8	12	10	13
1 to 4 miles.....percent..	39	37	37	34	39	38	39	42	40	43
5 to 9 miles.....percent..	32	34	33	36	34	34	31	28	29	27
10 miles or more.....percent..	22	23	25	25	23	22	22	18	21	17
Median distance.....miles..	5.6	6.0	6.2	6.5	6.0	5.9	5.4	4.6	4.9	4.4
Kind of road on which located:										
Farm operators reporting.....number..	5,131,627	3,635,933	459,983	729,973	875,620	874,155	696,202	1,495,694	597,137	896,557
Hard surface.....percent..	32	30	41	33	29	28	24	36	34	38
Gravel, shell, or shale.....percent..	35	37	37	44	37	35	33	29	32	27
Dirt or unimproved.....percent..	33	33	22	23	34	37	43	35	34	35

See footnotes at end of table.

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Table 3.—FAMILY AND HOUSING CHARACTERISTICS AND EQUIPMENT, AND FOOD-PRODUCTION PRACTICES, BY ECONOMIC CLASS OF FARM, FOR THE UNITED STATES AND REGIONS: 1950—Continued

[Data are based upon a sample. For a description of the sample and a statement of reliability of data, see page 3. Asterisk (*) denotes statistics based on a 20 percent subsample]

Item	Total, all farms	Commercial farms					Other farms			
		Total	Classes I and II	Class III	Class IV	Class V	Class VI	Total	Part-time and abnormal	Residential
UNITED STATES—Continued										
FACILITIES AND EQUIPMENT										
Water supply:										
Farm operators reporting.....number..	5,312,789	3,746,121	481,007	744,887	898,418	905,965	715,844	1,566,668	617,654	949,014
Hot and cold piped running water inside structure.....percent..	31	33	70	48	32	22	10	27	30	25
Cold piped running water inside structure.....percent..	12	12	10	14	14	13	8	13	13	12
No piped running water inside structure.....percent..	57	55	20	38	54	65	82	60	57	63
Toilet facilities:										
Farm operators reporting.....number..	5,324,514	3,754,686	481,162	744,887	902,623	906,493	719,521	1,569,828	618,708	951,120
Flush toilet inside structure.....percent..	30	31	65	44	29	22	11	27	30	25
Other toilet facilities, including privy.....percent..	66	65	34	54	69	73	81	69	66	70
None.....percent..	4	4	1	2	2	5	8	4	4	5
Bathing facilities:										
Farm operators reporting.....number..	5,283,703	3,727,022	478,369	741,206	897,222	898,593	711,632	1,556,681	615,552	941,129
Installed bathtub or shower.....percent..	33	35	70	47	33	24	14	30	32	28
No installed bathtub or shower.....percent..	67	65	30	53	67	76	86	70	68	72
Electricity on farm:										
With electricity.....percent..	78	80	93	91	83	74	61	73	79	70
Farm operators reporting presence of:²										
Electric water pump.....percent..	39	43	74	62	44	30	15	29	34	26
Electric water heater.....percent..	17	19	44	30	17	10	5	12	13	11
Electric washing machine.....percent..	59	62	83	82	67	54	32	53	59	49
Home freezer.....percent..	12	14	35	21	11	8	4	9	10	8
*Refrigeration:³										
Farm operators reporting.....number..	5,359,610	3,742,845	501,310	816,990	853,480	858,120	712,945	1,616,765	622,250	994,515
Mechanical.....percent..	66	69	96	86	74	59	37	59	61	58
Ice.....percent..	12	10	2	3	7	15	20	16	17	15
Other or none.....percent..	22	21	2	11	19	26	43	25	22	27
*Cooking fuel:³										
Farm operators reporting.....number..	5,462,065	3,800,190	488,165	738,995	921,745	931,480	719,805	1,661,875	664,600	997,275
Coal or wood.....percent..	49	46	21	30	44	55	75	55	51	57
Liquid fuel.....percent..	8	8	5	5	8	12	6	7	8	7
Utility or bottled gas.....percent..	24	25	40	35	26	20	10	20	22	18
Electricity.....percent..	18	19	33	28	20	12	7	17	18	17
Other or none.....percent..	1	2	1	2	2	1	2	1	1	1
*Kitchen sink:										
Farm operators reporting.....number..	5,482,865	3,815,665	497,485	733,780	925,160	936,805	722,435	1,667,200	667,285	999,915
With kitchen sink.....percent..	58	61	88	82	68	50	26	51	53	49
Telephone:										
With telephone ².....percent..	38	43	70	62	45	31	15	28	33	26
HOME FOOD PRODUCTION PRACTICES²										
Farms.....number..	5,380,127	3,793,005	485,822	753,305	907,873	919,651	726,354	1,587,122	625,525	961,597
With one or more milk cows.....percent..	70	74	75	84	78	69	66	59	65	56
Slaughtering:										
Hogs.....percent..	59	64	57	66	67	61	64	49	54	46
Cattle, excluding calves.....percent..	9	12	26	21	12	5	1	3	4	2
With chickens 4 months old and over on hand.....percent..	79	81	74	82	82	80	84	75	79	72
With garden.....percent..	73	72	61	69	72	77	78	74	76	73
NORTH AND WEST										
TENURE OF DWELLING UNIT										
Farms.....number..	2,728,910	2,132,467	394,606	594,199	564,545	389,687	189,430	596,443	273,814	322,629
Farm operator occupied dwelling units.....number..	2,706,561	2,117,961	392,462	591,559	561,290	384,804	187,846	588,600	271,196	317,404
Owner occupied.....number..	2,122,962	1,596,114	264,539	417,677	428,693	317,496	167,709	526,848	243,708	283,140
Renter occupied.....number..	422,629	380,059	81,906	128,728	106,113	46,988	16,324	42,570	18,403	24,167
Rent free.....number..	160,970	141,788	46,017	45,154	26,484	20,320	3,813	19,182	9,085	10,097
Vacant farm operator dwelling units ¹.....number..	22,349	14,506	2,144	2,640	3,255	4,883	1,584	7,843	2,618	5,225
RESIDENCE										
Farm operators reporting.....number..	2,673,942	2,096,463	388,785	586,807	555,977	382,306	182,588	577,479	266,444	311,035
Operator residing on farm operated.....percent..	97	96	96	98	97	95	95	97	97	97
Operator not residing on farm operated.....percent..	3	4	4	2	3	5	5	3	3	3
FAMILY CHARACTERISTICS AND INCOME										
Average size of operator's family.....number..	3.8	3.8	4.1	4.0	3.8	3.6	2.9	3.8	3.8	3.8
Composition of operator's family:										
Farm operators reporting.....number..	2,706,561	2,117,961	392,962	591,559	561,290	384,804	187,846	588,600	271,196	317,404
Operator only.....percent..	5	4	3	2	3	6	15	7	4	8
Husband and wife with—										
No children under 18.....percent..	35	37	30	31	37	42	51	33	33	34
1 or 2 children under 18.....percent..	32	32	38	37	32	26	15	31	35	28
3 or 4 children under 18.....percent..	15	15	18	17	16	11	7	16	16	16
All other units.....percent..	13	12	11	13	12	15	12	13	12	14
Median age of operator.....years..	47.9	47.6	43.8	44.5	48.0	51.2	60.4	48.9	47.3	50.6
Years of school completed by operator:										
Farm operators reporting.....number..	2,680,382	2,100,186	389,038	587,735	559,706	377,445	186,262	580,196	267,511	312,685
Did not complete elementary school.....percent..	24	23	16	19	23	28	39	26	24	28
Completed elementary school, but not high school.....percent..	53	54	43	56	59	54	52	51	52	50
Completed high school or more.....percent..	23	23	41	25	18	18	9	23	24	22

See footnotes at end of table.

FARMS AND FARM PEOPLE

Table 3.—FAMILY AND HOUSING CHARACTERISTICS AND EQUIPMENT, AND FOOD-PRODUCTION PRACTICES, BY ECONOMIC CLASS OF FARM, FOR THE UNITED STATES AND REGIONS: 1950—Continued

[Data are based upon a sample. For a description of the sample and a statement of reliability of data, see page 3. Asterisk (*) denotes statistics based on a 20 percent subsample]

Item	Total, all farms	Commercial farms						Other farms		
		Total	Classes I and II	Class III	Class IV	Class V	Class VI	Total	Part-time and abnormal	Residential
NORTH AND WEST—Continued										
FAMILY CHARACTERISTICS AND INCOME—Con.										
Income of operator's family in 1949:										
Farm operators reporting.....number..	2,653,557	2,073,438	386,294	581,032	550,689	373,902	181,521	580,119	271,713	308,406
Work off farm.....percent..	40	28	22	25	29	43	23	79	86	73
100 days or more.....percent..	23	10	4	6	11	26	.....	71	74	68
Farms.....number..	2,728,910	2,132,467	394,606	594,199	564,545	389,687	189,430	596,443	273,814	322,629
Other family members working off the farm.....percent..	18	15	10	14	16	20	9	29	32	27
Any income other than from farm operated or wages.....percent..	22	18	17	16	18	24	15	35	40	31
Other income of family exceeding value of farm products sold.....percent..	24	9	3	4	10	28	.....	78	87	70
SIZE AND CONDITION OF DWELLING UNIT										
Number of rooms:										
Farm operators reporting.....number..	2,682,168	2,094,613	383,636	584,706	554,524	384,418	187,329	587,555	270,668	316,887
1 or 2 rooms.....percent..	3	2	1	1	2	2	5	6	5	6
3 or 4 rooms.....percent..	17	15	8	11	14	22	33	23	19	26
5 or 6 rooms.....percent..	38	37	33	34	40	39	37	41	44	39
7 or more.....percent..	42	46	58	54	44	37	25	30	32	29
Rooms.....average number..	6.3	6.5	7.0	6.8	6.4	6.0	5.3	5.7	5.9	5.6
Persons per room.....average number..	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.7	0.6	0.7
Condition:										
Farm operators reporting.....number..	2,680,305	2,100,131	389,594	586,323	555,085	384,968	184,161	580,174	266,466	313,708
Not dilapidated.....percent..	93	94	97	96	93	91	84	90	92	88
Dilapidated.....percent..	7	6	3	4	7	9	16	10	8	12
AGE AND LOCATION OF DWELLING UNIT										
*Year built:										
Farm operators reporting.....number..	2,682,385	2,109,340	350,400	592,730	556,780	427,765	181,665	573,045	265,265	307,780
1945 or later.....percent..	5	4	6	3	2	4	12	7	8	6
1940 to 1944.....percent..	3	2	3	(4)	4	4	1	5	7	4
1930 to 1939.....percent..	9	7	10	4	8	9	9	16	16	16
1920 to 1929.....percent..	13	13	10	12	14	13	16	12	7	16
1919 or earlier.....percent..	70	74	71	81	72	72	62	60	62	58
Distance to trading center:										
Farm operators reporting.....number..	2,649,378	2,083,547	382,118	583,443	556,519	378,351	183,116	565,831	265,421	300,410
Under 1 mile.....percent..	7	5	5	5	4	6	7	13	11	14
1 to 4 miles.....percent..	38	37	38	35	39	39	40	41	42	41
5 to 9 miles.....percent..	34	35	35	36	35	33	31	30	28	32
10 miles or more.....percent..	21	23	22	24	22	22	22	16	19	13
Median distance.....miles..	5.7	6.0	6.0	6.3	6.0	5.7	5.7	4.6	4.7	4.5
Kind of road on which located:										
Farm operators reporting.....number..	2,603,344	2,047,523	375,112	577,118	545,442	367,274	182,577	555,821	260,680	295,141
Hard surface.....percent..	36	33	42	34	29	31	33	46	42	49
Gravel, shell, or shale.....percent..	42	45	42	48	45	45	35	32	34	30
Dirt or unimproved.....percent..	22	22	16	18	26	24	32	22	24	21
FACILITIES AND EQUIPMENT										
Water supply:										
Farm operators reporting.....number..	2,701,487	2,112,348	391,834	587,885	559,298	387,047	186,284	589,139	270,151	318,988
Hot and cold piped running water inside structure.....percent..	45	46	70	50	37	35	24	42	42	41
Cold piped running water inside structure.....percent..	13	12	10	13	13	14	12	17	18	16
No piped running water inside structure.....percent..	42	42	20	37	50	51	64	41	40	43
Toilet facilities:										
Farm operators reporting.....number..	2,706,745	2,116,550	391,834	587,885	561,399	387,575	187,857	590,195	270,679	319,516
Flush toilet inside structure.....percent..	42	42	64	46	34	34	24	42	43	42
Other toilet facilities, including privy.....percent..	57	57	35	52	65	64	75	57	56	56
None.....percent..	1	1	1	2	1	2	1	1	1	2
Bathing facilities:										
Farm operators reporting.....number..	2,692,544	2,104,450	389,722	585,256	559,309	384,935	185,228	588,094	270,679	317,415
Installed bathtub or shower.....percent..	45	45	69	49	37	36	26	44	44	43
No installed bathtub or shower.....percent..	55	55	31	51	63	64	74	56	56	57
Electricity on farm:										
With electricity ².....percent..	85	87	94	92	84	81	73	81	85	78
Farm operators reporting presence of: ²										
Electric water pump.....percent..	54	58	76	66	53	46	30	42	46	39
Electric water heater.....percent..	24	27	46	31	21	15	11	17	17	17
Electric washing machine.....percent..	77	78	88	86	75	72	55	72	77	68
Home freezer.....percent..	18	19	36	22	13	13	5	14	14	13
*Refrigeration: ³										
Farm operators reporting.....number..	2,749,520	2,162,635	412,640	659,025	514,515	352,385	224,070	586,885	258,535	328,350
Mechanical.....percent..	79	81	96	87	81	69	59	69	68	71
Ice.....percent..	5	4	2	2	2	9	13	10	13	7
Other or none.....percent..	16	15	2	11	17	22	28	21	19	22
*Cooking fuel: ³										
Farm operators reporting.....number..	2,857,235	2,193,680	393,765	591,245	620,375	417,080	171,215	663,555	300,885	362,670
Coal or wood.....percent..	38	35	23	28	39	43	64	44	42	43
Liquid fuel.....percent..	6	6	6	4	6	8	7	7	7	7
Utility or bottled gas.....percent..	29	31	35	34	31	28	14	24	27	22
Electricity.....percent..	26	27	37	32	23	19	14	25	24	27
Other or none.....percent..	1	1	1	2	1	2	(4)	.....	.....	1
*Kitchen sink:										
Farm operators reporting.....number..	2,863,335	2,197,085	394,420	588,660	623,015	419,775	171,215	666,250	300,940	365,310
With kitchen sink.....percent..	77	78	91	83	78	70	51	74	74	74
Telephone:										
With telephone ².....percent..	60	63	77	71	60	55	38	48	52	46

See footnotes at end of table.

HOUSING FACILITIES AND EQUIPMENT, AND HOME FOOD-PRODUCTION PRACTICES 77

Table 3.—FAMILY AND HOUSING CHARACTERISTICS AND EQUIPMENT, AND FOOD-PRODUCTION PRACTICES, BY ECONOMIC CLASS OF FARM, FOR THE UNITED STATES AND REGIONS: 1950—Continued

[Data are based upon a sample. For a description of the sample and a statement of reliability of data, see page 3. Asterisk (*) denotes statistics based on a 20 percent subsample.]

Item	Total, all farms	Commercial farms						Other farms		
		Total	Classes I and II	Class III	Class IV	Class V	Class VI	Total	Part-time and abnormal	Residential
NORTH AND WEST—Continued										
HOME FOOD PRODUCTION PRACTICES²										
Farms.....number..	2,728,917	2,132,467	394,606	594,199	564,545	389,687	189,430	596,443	273,814	322,629
With one or more milk cows.....percent..	73	79	75	86	84	73	66	53	59	47
Slaughtering:										
Hogs.....percent..	53	58	59	66	62	47	44	35	41	29
Cattle, excluding calves.....percent..	17	20	31	26	17	10	5	7	9	5
With chickens 4 months old and over on hand.....percent..	75	77	74	81	79	75	75	66	71	62
With garden.....percent..	68	67	62	70	67	68	65	70	75	66
SOUTH										
TENURE OF DWELLING UNIT										
Farms.....number..	2,651,217	1,660,538	91,216	159,106	343,328	529,964	536,924	990,679	351,711	638,968
Farm-operator occupied dwelling units.....number..	2,634,629	1,651,098	88,924	157,373	342,121	527,860	534,820	983,531	347,719	635,812
Owner occupied.....number..	1,700,283	943,026	61,036	102,636	190,323	282,650	306,361	757,257	254,833	502,424
Renter occupied.....number..	481,450	355,271	18,382	28,930	70,794	120,393	116,772	126,179	48,176	78,003
Rent free.....number..	452,896	352,801	9,506	25,807	81,004	124,817	111,667	100,095	44,710	55,385
Vacant farm-operator dwelling units ¹.....number..	16,588	9,440	2,292	1,733	1,207	2,104	2,104	7,148	3,992	3,156
RESIDENCE										
Farm operators reporting.....number..	2,580,329	1,618,735	89,854	154,062	337,016	516,288	521,515	961,594	344,873	616,721
Operator residing on farm operated.....percent..	97	97	94	96	97	97	98	97	95	98
Operator not residing on farm operated.....percent..	3	3	6	4	3	3	2	3	5	2
FAMILY CHARACTERISTICS AND INCOME										
Average size of operator's family.....number..	4.3	4.3	3.9	4.3	4.7	4.5	4.1	4.2	4.2	4.2
Composition of operator's family:										
Farm operators reporting.....number..	2,634,629	1,651,098	88,924	157,373	342,121	527,860	534,820	983,531	347,719	635,812
Operator only.....percent..	3	3	1	2	2	2	5	4	2	5
Husband and wife with—										
No children under 18.....percent..	32	31	34	29	29	30	36	32	33	32
1 or 2 children under 18.....percent..	30	31	44	38	32	32	26	28	30	27
3 or 4 children under 18.....percent..	16	16	15	17	19	17	12	17	19	15
All other units.....percent..	19	19	6	14	18	19	21	19	16	21
Median age of operator.....years..	47.3	46.3	43.3	46.0	44.4	45.2	50.3	49.0	45.7	51.0
Years of school completed by operator:										
Farm operators reporting.....number..	2,601,552	1,631,171	88,088	155,795	339,336	519,970	527,982	970,381	344,563	625,818
Did not complete elementary school.....percent..	61	61	23	39	55	65	74	62	57	64
Completed elementary school, but not high school.....percent..	29	29	38	39	34	27	23	29	32	28
Completed high school or more.....percent..	10	10	39	22	11	8	3	9	11	8
Income of operator's family in 1949:										
Farm operators reporting.....number..	2,599,204	1,629,194	89,328	156,476	340,172	516,288	526,930	970,010	360,659	619,351
Work off farm.....percent..	40	26	21	24	28	30	22	62	63	61
100 days or more.....percent..	23	7	8	8	9	12	.....	50	51	48
Farms.....number..	2,651,217	1,660,538	91,216	159,106	343,328	529,964	536,924	990,679	351,711	638,968
Other family members working off the farm.....percent..	19	14	11	11	16	17	12	28	32	25
Any income other than from farm operated or wages.....percent..	27	20	28	19	22	22	14	40	46	37
Other income of family exceeding value of farm products sold.....percent..	33	10	10	10	13	16	.....	73	85	65
SIZE AND CONDITION OF DWELLING UNIT										
Farm operators reporting.....number..	2,603,473	1,628,203	88,586	154,372	339,120	517,617	528,508	975,270	347,503	627,767
1 or 2 rooms.....percent..	5	4	2	1	2	5	7	5	4	6
3 or 4 rooms.....percent..	41	41	23	26	32	44	49	42	41	41
5 or 6 rooms.....percent..	39	39	46	49	47	36	34	39	39	40
7 or more.....percent..	15	16	29	24	19	15	10	14	16	13
Rooms.....average number..	4.9	5.0	5.8	5.7	5.3	4.9	4.5	4.9	4.9	4.8
Persons per room.....average number..	0.9	0.9	0.7	0.8	0.9	0.9	0.9	0.9	0.9	0.9
Condition:										
Farm operators reporting.....number..	2,598,523	1,627,832	89,018	156,476	338,068	515,236	529,034	970,691	343,295	627,396
Not dilapidated.....percent..	75	76	96	91	81	74	66	74	78	72
Dilapidated.....percent..	25	24	4	9	19	26	34	26	22	28
AGE AND LOCATION OF DWELLING UNIT										
Farm operators reporting.....number..	2,289,035	1,398,545	68,985	144,040	319,780	446,795	418,945	890,490	356,600	533,890
1945 or later.....percent..	14	13	15	18	11	10	16	14	10	17
1940 to 1944.....percent..	9	8	9	13	11	8	5	10	10	9
1930 to 1939.....percent..	20	20	34	15	21	18	21	21	20	22
1920 to 1929.....percent..	17	16	20	17	14	18	15	17	21	14
1919 or earlier.....percent..	40	43	22	37	43	46	43	38	39	38
Distance to trading center:										
Farm operators reporting.....number..	2,581,132	1,628,790	87,440	157,744	340,172	519,660	523,774	952,342	339,458	612,884
Under 1 mile.....percent..	8	7	6	6	5	7	9	11	9	12
1 to 4 miles.....percent..	40	37	32	31	38	36	39	42	40	44
5 to 9 miles.....percent..	30	32	26	35	32	35	31	27	29	25
10 miles or more.....percent..	22	24	36	28	25	22	21	20	22	19
Median distance.....miles..	5.4	5.9	7.3	6.9	6.0	6.0	5.4	4.7	5.2	4.4
Kind of road on which located:										
Farm operators reporting.....number..	2,528,283	1,588,410	84,871	152,855	330,178	506,881	513,625	939,873	336,457	603,416
Hard surface.....percent..	28	26	36	31	29	26	21	31	29	32
Gravel, shell, or shale.....percent..	28	28	20	25	24	28	32	27	30	26
Dirt or unimproved.....percent..	44	46	44	44	47	46	47	42	41	42

See footnotes at end of table.

FARMS AND FARM PEOPLE

Table 3.—FAMILY AND HOUSING CHARACTERISTICS AND EQUIPMENT, AND FOOD-PRODUCTION PRACTICES, BY ECONOMIC CLASS OF FARM, FOR THE UNITED STATES AND REGIONS: 1950—Continued

[Data are based upon a sample. For a description of the sample and a statement of reliability of data, see page 3. Asterisk (*) denotes statistics based on a 20 percent subsample]

Item	Total, all farms	Commercial farms						Other farms		
		Total	Classes I and II	Class III	Class IV	Class V	Class VI	Total	Part-time and abnormal	Residential
SOUTH—Continued										
FACILITIES AND EQUIPMENT										
Water supply:										
Farm operators reporting.....number..	2,611,302	1,633,773	89,173	157,002	339,120	518,918	529,560	977,529	347,503	630,026
Hot and cold piped running water inside structure.....percent..	18	18	69	39	22	12	6	18	20	16
Cold piped running water inside structure.....percent..	11	12	14	21	16	12	7	10	9	10
No piped running water inside structure.....percent..	71	70	17	40	62	76	87	72	71	74
Toilet facilities:										
Farm operators reporting.....number..	2,617,769	1,638,136	89,328	157,002	341,224	518,918	531,664	979,633	348,029	631,604
Flush toilet inside structure.....percent..	18	18	69	38	20	13	6	18	20	17
Other toilet facilities, including privy.....percent..	76	76	31	60	76	80	84	76	74	76
None.....percent..	6	6	(4)	2	4	7	10	6	6	7
Bathing facilities:										
Farm operators reporting.....number..	2,591,159	1,622,572	88,647	155,950	337,913	513,658	526,404	968,587	344,873	623,714
Installed bathtub or shower.....percent..	21	21	72	41	25	15	9	21	23	20
No installed bathtub or shower.....percent..	79	79	28	59	75	85	91	79	77	80
Electricity on farm:										
With electricity ².....percent..	70	71	91	90	82	69	57	68	74	65
Farm operators reporting presence of:²										
Electric water pump.....percent..	23	24	67	47	30	18	10	21	24	20
Electric water heater.....percent..	10	10	32	23	11	7	3	9	10	9
Electric washing machine.....percent..	42	41	63	66	52	41	24	42	46	39
Home freezer.....percent..	7	8	32	16	8	5	3	6	7	5
*Refrigeration:³										
Farm operators reporting.....number..	2,610,090	1,580,210	88,670	157,965	338,965	505,735	488,875	1,029,880	363,715	666,165
Mechanical.....percent..	53	53	97	83	61	53	28	54	57	51
Ice.....percent..	18	17	3	5	16	19	24	19	20	19
Other or none.....percent..	29	30	.....	12	23	28	48	27	23	30
*Cooking fuel:³										
Farm operators reporting.....number..	2,604,830	1,606,510	94,400	147,750	301,370	514,400	548,590	998,320	363,715	634,605
Coal or wood.....percent..	61	62	14	40	55	63	80	62	59	64
Liquid fuel.....percent..	9	10	8	7	11	16	5	8	8	7
Utility or bottled gas.....percent..	18	18	68	39	17	14	8	17	19	16
Electricity.....percent..	10	8	10	12	14	6	5	12	13	12
Other or none.....percent..	2	2	.....	2	3	1	2	1	1	1
*Kitchen sink:										
Farm operators reporting.....number..	2,619,530	1,618,580	103,065	145,120	302,145	517,030	551,220	1,000,950	366,345	634,605
With kitchen sink.....percent..	37	37	76	75	47	34	19	36	37	35
Telephone:										
With telephone ².....percent..	16	16	43	29	20	13	7	17	18	15
HOME FOOD PRODUCTION PRACTICES ²										
Farms.....number..	2,651,217	1,660,538	91,216	159,106	343,328	529,964	536,924	990,679	351,711	638,968
With one or more milk cows.....percent..	67	69	78	79	68	67	66	63	69	60
Slaughtering:										
Hogs.....percent..	66	71	51	68	75	71	72	58	65	54
Cattle, excluding calves.....percent..	1	2	6	3	3	1	(4)	(4)	(4)	1
With chickens 4 months old and over on hand.....percent..	84	86	76	85	88	85	87	81	86	78
With garden.....percent..	78	79	55	69	80	83	83	76	77	76

¹Information on family characteristics not obtained for operators of these farms, but information on the farm and the vacant dwelling on the farm is included.²Base of percent is total number of farms; no distinction is made between no report on item and operator not having item.³Occupied dwelling units.⁴Percent not shown where less than 0.5.

HOUSING FACILITIES AND EQUIPMENT, AND HOME FOOD-PRODUCTION PRACTICES 79

Table 4.—FAMILY AND HOUSING CHARACTERISTICS AND EQUIPMENT, BY FAMILY INCOME, FOR THE UNITED STATES AND REGIONS: 1950

[Data are based upon a sample. For a description of the sample and a statement of reliability of data, see page 3. Asterisk (*) denotes statistics based on a 20 percent subsample.]

Item	Under \$1,000	\$1,000- \$1,999	\$2,000- \$2,999	\$3,000- \$3,999	\$4,000- \$4,999	\$5,000- \$9,999
UNITED STATES						
COLOR AND TENURE						
Farms.....number..	1,366,220	1,206,055	863,310	573,187	329,617	412,072
White.....percent..	74	91	96	99	100	99
Nonwhite.....percent..	26	9	4	1	(1)	1
Full owners, part owners, and managers.....percent..	63	70	76	80	78	85
Tenants except croppers in South.....percent..	21	23	22	18	21	14
Croppers in South.....percent..	16	7	2	2	1	1
FAMILY CHARACTERISTICS AND INCOME²						
Family and household size:						
Average size of operator's family.....number..	3.9	4.0	4.1	4.3	4.1	4.4
Average size of operator's household.....number..	3.9	4.0	4.2	4.4	4.2	4.5
Composition of operator's family:						
Farm operators reporting.....number..	1,366,220	1,206,055	863,310	573,187	329,617	412,072
Husband and wife with—						
No children under 18.....percent..	38	34	30	28	32	34
1 or 2 children under 18.....percent..	23	33	40	36	36	32
3 or 4 children under 18.....percent..	13	15	16	22	20	17
All other units ³.....percent..	26	18	14	14	12	17
Median age of operator.....years..	51.9	46.0	44.3	45.0	45.5	47.1
Years of school completed by operator:						
Farm operators reporting.....number..	1,351,707	1,194,475	855,416	571,099	327,363	411,027
Did not complete elementary school.....percent..	65	44	31	27	23	23
Completed elementary school, but not high school.....percent..	29	44	48	49	50	47
Completed high school or more.....percent..	6	12	21	24	27	30
Income of operator's family in 1949:						
Farm operators reporting.....number..	1,366,220	1,206,055	863,310	573,187	329,617	412,072
Average income.....dollars..	464	1,392	2,356	3,360	4,360	6,472
Farm operators reporting.....number..	1,334,657	1,181,028	843,413	560,178	324,428	400,046
Work off farm.....percent..	34	38	46	51	49	45
100 days or more.....percent..	10	21	33	36	36	31
Farms.....number..	1,366,220	1,206,055	863,310	573,187	329,617	412,072
Other family members working off the farm.....percent..	13	16	20	24	27	29
Any income other than from farm operated or wages.....percent..	23	27	27	25	23	23
Other income of family exceeding value of farm products sold.....percent..	23	30	35	35	32	29
TYPE OF FARM						
Commercial farms.....number..	926,931	852,139	593,770	397,849	238,499	319,467
Vegetable and fruit-and-nut.....percent..	2	3	4	4	3	4
Cash-grain.....percent..	6	11	14	15	17	19
Cotton.....percent..	35	17	9	7	8	7
Other field-crop.....percent..	16	13	8	7	4	4
Dairy.....percent..	11	16	19	18	22	17
Poultry.....percent..	4	4	4	6	6	5
Other livestock.....percent..	15	22	21	27	27	29
General farms.....percent..	10	13	20	15	11	14
Miscellaneous and unclassified.....percent..	1	1	1	1	2	1
SIZE AND CONDITION OF DWELLING UNIT						
Rooms:						
Farm operators reporting.....number..	1,347,294	1,185,520	846,787	565,437	325,662	400,034
Rooms.....average number..	4.9	5.1	5.4	6.3	6.3	6.5
Persons per room.....average number..	0.8	0.8	0.8	0.7	0.7	0.7
Condition:						
Farm operators reporting.....number..	1,335,749	1,183,833	846,068	567,407	326,462	404,278
Not dilapidated.....percent..	72	82	90	92	96	95
Dilapidated.....percent..	28	18	10	8	4	5
AGE AND LOCATION OF DWELLING UNIT						
*Year built:						
Farm operators reporting.....number..	1,178,815	1,096,085	797,610	591,245	336,315	394,975
1945 or later.....percent..	9	9	9	5	10	9
1940 to 1944.....percent..	5	6	4	6	5	3
1930 to 1939.....percent..	18	16	13	14	12	9
1920 to 1929.....percent..	16	13	15	13	11	11
1919 or earlier.....percent..	52	56	59	62	62	68
Distance to trading center:						
Farm operators reporting.....number..	1,336,113	1,170,645	842,119	560,788	321,210	398,291
Under 1 mile.....percent..	8	7	8	7	8	6
1 to 4 miles.....percent..	41	38	36	40	39	39
5 to 9 miles.....percent..	31	33	33	31	33	32
10 miles or more.....percent..	20	22	23	22	20	23
Median distance.....miles..	5.1	5.8	5.9	5.5	5.5	5.8
Kind of road on which located:						
Farm operators reporting.....number..	1,310,547	1,153,376	827,767	548,825	311,057	390,466
Hard surface.....percent..	24	27	33	40	44	40
Gravel, shell, or shale.....percent..	31	38	38	37	34	40
Dirt or unimproved.....percent..	45	35	29	23	22	20

See footnotes at end of table.

FARMS AND FARM PEOPLE

Table 4.—FAMILY AND HOUSING CHARACTERISTICS AND EQUIPMENT, BY FAMILY INCOME, FOR THE UNITED STATES AND REGIONS: 1950—Continued

[Data are based upon a sample. For a description of the sample and a statement of reliability of data, see page 3. Asterisk (*) denotes statistics based on a 20 percent subsample.]

Item	Under \$1,000	\$1,000-\$1,999	\$2,000-\$2,999	\$3,000-\$3,999	\$4,000-\$4,999	\$5,000-\$9,999
UNITED STATES—Continued						
FACILITIES AND EQUIPMENT						
Water supply:						
Farm operators reporting.....number..	1,347,312	1,190,286	853,574	567,405	329,617	407,970
Hot and cold piped running water inside structure.....percent..	12	22	33	47	56	65
Cold piped running water inside structure.....percent..	10	12	16	16	13	13
No piped running water inside structure.....percent..	78	66	51	37	31	22
Toilet facilities:						
Farm operators reporting.....number..	1,351,524	1,193,974	855,149	568,461	329,089	407,970
Flush toilet inside structure.....percent..	13	21	32	44	51	60
Other toilet facilities, including privy.....percent..	80	75	66	54	48	39
None.....percent..	7	4	2	2	1	1
Bathing facilities:						
Farm operators reporting.....number..	1,341,533	1,182,927	849,879	564,631	328,033	405,188
Installed bathtub or shower.....percent..	15	24	35	47	55	63
No installed bathtub or shower.....percent..	85	76	65	53	45	37
Electricity on farm:						
With electricity ⁴.....percent..	62	77	85	90	91	92
Electricity and water supply:						
With electricity reported on farm and piped running water inside structure.....percent..	19	31	45	59	64	73
With electricity reported on farm, but no piped running water inside structure.....percent..	42	45	39	30	26	18
Neither.....percent..	35	20	11	6	5	4
All other ⁵.....percent..	4	4	5	5	5	5
Farm operator's reporting presence of: ⁴						
Electric water pump.....percent..	18	33	45	58	58	67
Electric water heater.....percent..	6	12	18	26	30	37
Electric washing machine.....percent..	35	59	72	79	79	81
Home freezer.....percent..	4	9	12	18	22	28
*Refrigeration: ⁶						
Farm operators reporting.....number..	1,387,225	1,265,730	893,650	499,625	300,310	444,200
Mechanical.....percent..	41	64	75	86	94	90
Ice.....percent..	20	12	10	4	1	3
Other or none.....percent..	39	24	15	10	5	7
*Cooking fuel: ⁶						
Farm operators reporting.....number..	1,371,295	1,244,205	831,225	629,450	363,465	444,950
Coal or wood.....percent..	73	53	42	30	27	21
Liquid fuel.....percent..	7	10	9	10	4	7
Utility or bottled gas.....percent..	13	22	26	32	36	34
Electricity.....percent..	5	14	22	27	32	37
Other or none.....percent..	2	1	1	1	1	1
*Kitchen sink:						
Farm operators reporting.....number..	1,371,305	1,231,035	839,125	624,280	363,475	444,940
With kitchen sink.....percent..	34	50	67	73	90	87
Telephone:						
With telephone ⁴.....percent..	18	32	45	55	59	66
NORTH AND WEST						
COLOR AND TENURE						
Farms.....number..	389,898	554,458	523,974	392,609	237,224	298,136
White.....percent..	99	100	99	100	100	100
Nonwhite.....percent..	1	(¹)	1	(¹)		(¹)
Full owners, part owners, and managers.....percent..	83	77	76	79	79	84
Tenants.....percent..	17	23	24	21	21	16
FAMILY CHARACTERISTICS AND INCOME ²						
Family and household size:						
Average size of operator's family.....number..	3.2	3.5	3.9	4.2	4.1	4.3
Average size of operator's household.....number..	3.2	3.6	4.0	4.3	4.2	4.5
Composition of operator's family:						
Farm operators reporting.....number..	389,898	554,458	523,974	392,609	237,224	298,136
Husband and wife with—						
No children under 18.....percent..	45	38	31	28	33	34
1 or 2 children under 18.....percent..	20	34	41	36	33	31
3 or 4 children under 18.....percent..	9	11	15	23	22	19
All other units ³.....percent..	26	17	13	13	12	16
Median age of operator.....years..	56.8	47.1	44.3	44.8	45.6	46.9
Years of school completed by operator:						
Farm operators reporting.....number..	386,741	552,346	522,918	391,047	235,651	297,091
Did not complete elementary school.....percent..	36	24	20	21	20	19
Completed elementary school, but not high school.....percent..	52	58	54	52	53	50
Completed high school or more.....percent..	12	18	26	27	27	31
Income of operator's family in 1949:						
Farm operators reporting.....number..	389,898	554,458	523,974	392,609	237,224	298,136
Average income.....dollars..	514	1,418	2,359	3,370	4,357	6,523
Farm operators reporting.....number..	374,641	542,055	512,121	383,808	233,397	289,421
Work off farm.....percent..	28	36	44	49	46	45
100 days or more.....percent..	7	18	29	33	34	29
Farms.....number..	389,898	554,458	523,974	392,609	237,224	298,136
Other family members working off the farm.....percent..	12	13	17	21	25	28
Any income other than from farm operated or wages.....percent..	25	22	23	22	20	21
Other income of family exceeding value of farm products sold.....percent..	21	21	27	29	28	25

See footnotes at end of table.

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Table 4.—FAMILY AND HOUSING CHARACTERISTICS AND EQUIPMENT, BY FAMILY INCOME, FOR THE UNITED STATES AND REGIONS: 1950—Continued

[Data are based upon a sample. For a description of the sample and a statement of reliability of data, see page 3. Asterisk (*) denotes statistics based on a 20 percent subsample.]

Item	Under \$1,000	\$1,000- \$1,999	\$2,000- \$2,999	\$3,000- \$3,999	\$4,000- \$4,999	\$5,000- \$9,999
NORTH AND WEST—Continued						
TYPE OF FARM						
Commercial farms.....number..	294,242	447,175	401,714	294,532	182,555	242,971
Vegetable and fruit-and-nut.....percent..	4	4	4	5	3	4
Cash-grain.....percent..	14	18	19	17	19	21
Cotton.....percent..	1	1	1	1	(1)	1
Other field-crop.....percent..	1	1	1	2	1	2
Dairy.....percent..	30	26	24	21	25	18
Poultry.....percent..	7	5	4	6	5	5
Other livestock.....percent..	28	29	26	31	32	32
General farms.....percent..	14	15	20	16	12	16
Miscellaneous and unclassified.....percent..	1	1	1	1	2	1
SIZE AND CONDITION OF DWELLING UNIT						
Rooms:						
Farm operators reporting.....number..	386,752	546,021	515,125	386,437	233,269	290,616
Rooms.....average number..	5.7	6.0	6.3	6.6	6.7	6.8
Persons per room.....average number..	0.6	0.6	0.6	0.6	0.6	0.6
Condition:						
Farm operators reporting.....number..	379,415	546,593	513,199	388,407	234,595	293,653
Not dilapidated.....percent..	86	91	95	94	97	96
Dilapidated.....percent..	14	9	5	6	3	4
AGE AND LOCATION OF DWELLING UNIT						
*Year built:						
Farm operators reporting.....number..	356,705	477,565	523,315	437,460	257,415	306,635
1945 or later.....percent..	7	2	4	4	6	6
1940 to 1944.....percent..	3	3	2	4	4	1
1930 to 1939.....percent..	6	12	11	13	7	8
1920 to 1929.....percent..	16	7	14	12	13	9
1919 or earlier.....percent..	68	76	69	67	70	76
Distance to trading center:						
Farm operators reporting.....number..	381,883	536,190	511,880	386,306	229,869	288,286
Under 1 mile.....percent..	7	6	7	6	8	5
1 to 4 miles.....percent..	40	35	37	42	38	41
5 to 9 miles.....percent..	32	38	34	31	34	34
10 miles or more.....percent..	21	21	22	21	20	20
Median distance.....miles..	5.4	6.1	5.9	5.4	5.6	5.5
Kind of road on which located:						
Farm operators reporting.....number..	379,771	526,285	505,944	377,344	224,450	282,875
Hard surface.....percent..	30	29	34	41	43	40
Gravel, shell, or shale.....percent..	39	45	44	43	39	46
Dirt or unimproved.....percent..	31	26	22	16	18	14
FACILITIES AND EQUIPMENT						
Water supply:						
Farm operators reporting.....number..	385,718	548,683	518,446	387,879	237,224	296,293
Hot and cold piped running water inside structure.....percent..	26	33	41	52	58	67
Cold piped running water inside structure.....percent..	14	13	16	15	12	12
No piped running water inside structure.....percent..	60	54	43	33	30	21
Toilet facilities:						
Farm operators reporting.....number..	386,744	550,267	520,547	388,935	236,696	296,293
Flush toilet inside structure.....percent..	25	30	38	48	53	61
Other toilet facilities, including privy.....percent..	74	69	60	51	46	38
None.....percent..	1	1	2	1	1	1
Bathing facilities:						
Farm operators reporting.....number..	384,673	547,110	517,907	387,890	235,640	294,192
Installed bathtub or shower.....percent..	29	33	42	50	57	64
No installed bathtub or shower.....percent..	71	67	58	50	43	36
Electricity on farm:						
With electricity.....percent..	72	84	88	91	91	92
Electricity and water supply:						
With electricity reported on farm and piped running water inside structure.....percent..	36	43	52	63	65	76
With electricity reported on farm, but no piped running water inside structure.....percent..	35	41	35	27	26	16
Neither.....percent..	24	12	8	5	4	4
All other.....percent..	5	4	5	5	5	4
Farm operators reporting presence of:⁴						
Electric water pump.....percent..	35	48	55	64	62	72
Electric water heater.....percent..	12	18	22	29	30	41
Electric washing machine.....percent..	60	74	82	84	84	86
Home freezer.....percent..	8	13	16	20	24	29
*Refrigeration:⁶						
Farm operators reporting.....number..	405,765	595,690	558,090	337,645	226,200	324,135
Mechanical.....percent..	57	74	81	87	93	89
Ice.....percent..	12	7	5	2	1	2
Other or none.....percent..	31	19	14	11	6	9
*Cooking fuel:⁴						
Farm operators reporting.....number..	386,125	618,100	504,635	454,320	267,235	325,355
Coal or wood.....percent..	62	42	38	27	26	21
Liquid fuel.....percent..	8	7	7	7	3	5
Utility or bottled gas.....percent..	19	29	27	35	37	29
Electricity.....percent..	10	21	26	30	33	43
Other or none.....percent..	1	1	2	1	1	2
*Kitchen sink:						
Farm operators reporting.....number..	388,765	612,820	507,275	449,150	269,875	322,715
With kitchen sink.....percent..	64	69	79	79	95	89
Telephone:						
With telephone.....percent..	45	54	61	66	69	74

See footnotes at end of table.

FARMS AND FARM PEOPLE

Table 4.—FAMILY AND HOUSING CHARACTERISTICS AND EQUIPMENT, BY FAMILY INCOME, FOR THE UNITED STATES AND REGIONS: 1950—Continued

[Data are based upon a sample. For a description of the sample and a statement of reliability of data, see page 3. Asterisk (*) denotes statistics based on a 20 percent subsample.]

Item	Under \$1,000	\$1,000-\$1,999	\$2,000-\$2,999	\$3,000-\$3,999	\$4,000-\$9,999
SOUTH					
COLOR AND TENURE					
Farms.....number..	976,322	651,597	339,336	180,578	206,329
White.....percent..	65	83	93	97	97
Nonwhite.....percent..	35	17	7	3	3
Full owners, part owners, and managers.....percent..	55	64	76	85	82
Tenants except croppers.....percent..	23	24	18	10	14
Croppers.....percent..	22	12	6	5	4
FAMILY CHARACTERISTICS AND INCOME ²					
Family and household size:					
Average size of operator's family.....number..	4.2	4.4	4.4	4.5	4.3
Average size of operator's household.....number..	4.2	4.4	4.5	4.5	4.4
Composition of operator's family:					
Farm operators reporting.....number..	976,322	651,597	339,336	180,578	206,329
Husband and wife with—					
No children under 18.....percent..	33	32	29	27	32
1 or 2 children under 18.....percent..	25	32	39	37	38
3 or 4 children under 18.....percent..	15	16	16	20	15
All other units ³.....percent..	27	18	16	16	15
Median age of operator.....years..	49.8	45.0	44.3	45.4	46.6
Years of school completed by operator:					
Farm operators reporting.....number..	964,966	642,129	332,498	180,052	205,648
Did not complete elementary school.....percent..	76	61	49	40	34
Completed elementary school, but not high school.....percent..	20	32	37	42	39
Completed high school or more.....percent..	4	7	14	18	27
Income of operator's family in 1949:					
Farm operators reporting.....number..	976,322	651,597	339,336	180,578	206,329
Average income.....dollars..	444	1,371	2,351	3,340	5,470
Farm operators reporting.....number..	960,016	638,973	331,291	176,370	201,656
Work off farm.....percent..	36	40	49	54	50
100 days or more.....percent..	12	24	39	44	40
Farms.....number..	976,322	651,597	339,336	180,578	206,329
Other family members working off the farm.....percent..	14	19	24	30	32
Any income other than from farm operated or wages.....percent..	22	31	35	32	30
Other income of family exceeding value of farm products sold.....percent..	24	37	48	46	42
* TYPE OF FARM					
Commercial farms.....number..	632,689	404,964	182,959	103,317	132,440
Vegetable, and fruit-and-nut.....percent..	1	2	3	2	2
Cash-grain.....percent..	2	3	5	6	12
Cotton.....percent..	50	33	29	22	29
Other field-crop.....percent..	23	27	23	23	12
Dairy.....percent..	2	6	8	10	16
Poultry.....percent..	3	4	3	4	5
Other livestock.....percent..	9	13	14	18	14
General farms.....percent..	9	11	15	12	8
Miscellaneous and unclassified.....percent..	1	1	(1)	3	2
SIZE AND CONDITION OF DWELLING UNIT					
Rooms:					
Farm operators reporting.....number..	960,542	639,499	331,662	179,000	201,811
Rooms.....average number..	4.5	4.9	5.3	5.6	5.7
Persons per room.....average number..	0.9	0.9	0.8	0.8	0.8
Condition:					
Farm operators reporting.....number..	956,334	637,240	332,869	179,000	202,492
Not dilapidated.....percent..	66	75	83	88	93
Dilapidated.....percent..	34	25	17	12	7
AGE AND LOCATION OF DWELLING UNIT					
*Year built:					
Farm operators reporting.....number..	822,110	618,520	274,295	153,785	167,240
1945 or later.....percent..	10	15	19	9	22
1940 to 1944.....percent..	6	9	10	14	9
1930 to 1939.....percent..	23	26	18	16	22
1920 to 1929.....percent..	16	18	18	16	11
1919 or earlier.....percent..	45	38	35	45	36
Distance to trading center:					
Farm operators reporting.....number..	954,230	634,445	330,239	174,482	201,346
Under 1 mile.....percent..	9	8	10	8	8
1 to 4 miles.....percent..	41	40	35	37	36
5 to 9 miles.....percent..	31	29	31	32	30
10 miles or more.....percent..	19	23	24	23	26
Median distance.....miles..	5.0	5.5	5.9	5.8	6.0
Kind of road on which located:					
Farm operators reporting.....number..	930,776	627,091	321,823	171,481	194,198
Hard surface.....percent..	22	26	33	37	43
Gravel, shell, or shale.....percent..	28	31	27	23	22
Dirt or unimproved.....percent..	50	43	40	40	35

See footnotes at end of table.

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Table 4.—FAMILY AND HOUSING CHARACTERISTICS AND EQUIPMENT, BY FAMILY INCOME, FOR THE UNITED STATES AND REGIONS: 1950—Continued

[Data are based upon a sample. For a description of the sample and a statement of reliability of data, see page 3. Asterisk (*) denotes statistics based on a 20 percent subsample.]

Item	Under \$1,000	\$1,000- \$1,999	\$2,000- \$2,999	\$3,000- \$3,999	\$4,000- \$9,999
SOUTH—Continued					
FACILITIES AND EQUIPMENT					
Water supply:					
Farm operators reporting.....number..	961,594	641,603	335,128	179,526	204,070
Hot and cold piped running water inside structure.....percent..	6	14	22	37	54
Cold piped running water inside structure.....percent..	8	11	17	18	15
No piped running water inside structure.....percent..	86	75	61	45	31
Toilet facilities:					
Farm operators reporting.....number..	964,750	643,707	334,602	179,526	204,070
Flush toilet inside structure.....percent..	7	13	23	37	52
Other toilet facilities, including privy.....percent..	83	81	74	61	47
None.....percent..	10	6	3	2	1
Bathing facilities:					
Farm operators reporting.....number..	956,860	635,817	331,972	176,741	203,389
Installed bathtub or shower.....percent..	10	17	25	40	55
No installed bathtub or shower.....percent..	90	83	75	60	45
Electricity on farm:					
With electricity ⁴.....percent..	57	71	81	89	90
Electricity and water supply:					
With electricity reported on farm and piped running water inside structure.....percent..	13	23	35	52	65
With electricity reported on farm, but no piped running water inside structure.....percent..	44	48	45	36	24
Neither.....percent..	40	26	16	8	6
All other ⁵.....percent..	3	4	4	3	5
Farm operators reporting presence of:⁴					
Electric water pump.....percent..	11	21	31	43	52
Electric water heater.....percent..	3	7	11	21	31
Electric washing machine.....percent..	24	46	57	68	67
Home freezer.....percent..	3	6	7	14	21
*Refrigeration:⁶					
Farm operators reporting.....number..	981,460	670,040	335,560	161,980	194,175
Mechanical.....percent..	33	55	66	86	92
Ice.....percent..	24	16	17	8	4
Other or none.....percent..	43	29	17	6	4
*Cooking fuel:⁶					
Farm operators reporting.....number..	985,170	626,105	326,590	175,130	215,825
Coal or wood.....percent..	78	64	50	39	24
Liquid fuel.....percent..	6	12	11	17	9
Utility or bottled gas.....percent..	11	14	24	24	40
Electricity.....percent..	3	8	15	18	26
Other or none.....percent..	2	2	.....	2	1
*Kitchen sink:					
Farm operators reporting.....number..	982,540	618,215	331,850	175,130	215,825
With kitchen sink.....percent..	22	32	49	59	78
Telephone:					
With telephone ⁴.....percent..	7	14	21	30	39

¹Percent not shown when less than 0.5.

²Information on family characteristics not obtained for a few farms with vacant operator dwellings, primarily operators with dwellings not in same enumeration district as rest of farms, but information on the farm and the vacant dwelling on the farm is included.

³Includes single-person units.

⁴Base of percent is total number of farms; no distinction is made between no report on item and operator not having item.

⁵No report on presence of piped running water, or dwelling with piped running water but no electricity reported on farm.

⁶Occupied dwelling units.

FARMS AND FARM PEOPLE

Table 5.—FAMILY AND HOUSING CHARACTERISTICS AND EQUIPMENT, FOR COMMERCIAL AND OTHER FARMS, BY FAMILY INCOME, FOR THE UNITED STATES AND REGIONS: 1950

[Data are based upon a sample. For a description of the sample and a statement of reliability of data, see page 3. Asterisk (*) denotes statistics based on a 20 percent subsample.]

Item	Commercial farms			Other farms		
	Under \$1,000	\$1,000-\$2,999	\$3,000 and over	Under \$1,000	\$1,000-\$2,999	\$3,000 and over
UNITED STATES						
COLOR AND TENURE						
Farms.....	926,931	1,436,812	1,044,273	439,289	632,553	376,559
White.....	73	94	99	77	92	99
Nonwhite.....	27	6	1	23	8	1
Full owners, part owners, and managers.....	57	69	77	75	83	95
Tenants except croppers in South.....	23	26	21	17	14	5
Croppers in South.....	20	5	2	8	3	(1)
FAMILY CHARACTERISTICS AND INCOME ²						
Family and household size:						
Average size of operator's family.....	3.9	4.0	4.2	3.8	4.2	4.5
Average size of operator's household.....	4.0	4.0	4.3	3.8	4.2	4.5
Composition of operator's family:						
Farm operators reporting.....	926,931	1,436,812	1,044,273	439,289	632,553	376,559
Husband and wife with—						
No children under 18.....	37	33	33	38	33	29
1 or 2 children under 18.....	25	37	34	21	33	35
3 or 4 children under 18.....	13	14	19	12	17	21
All other units ³	25	16	14	29	17	15
Median age of operator.....	50.2	45.0	46.2	55.7	45.5	46.0
Years of school completed by operator:						
Farm operators reporting.....	918,738	1,422,074	1,042,039	432,969	627,817	372,372
Did not complete elementary school.....	63	35	24	69	47	25
Completed elementary school, but not high school.....	31	47	49	26	41	47
Completed high school or more.....	6	18	27	5	12	28
Income of operator's family in 1949:						
Farm operators reporting.....	926,931	1,436,812	1,044,273	439,289	632,553	376,559
Families with income under \$10,000.....	100	100	92	100	100	95
Average income of such families.....	463	1,771	4,683	466	1,848	4,337
Farm operators reporting.....	906,934	1,402,050	1,020,007	427,723	622,545	366,925
Work off farm.....	2	27	33	50	75	88
100 days or more.....	26	8	16	28	66	85
Farms.....	926,931	1,436,812	1,044,273	439,289	632,553	376,559
Other family members working off the farm.....	11	13	21	19	28	41
Any income other than from farm operated or wages.....	14	21	21	42	41	32
Other income of family exceeding value of farm products sold.....	4	10	14	64	81	80
TYPE OF FARM						
Commercial farms.....	926,931	1,436,812	1,044,273			
Vegetable, fruit, and nut.....	2	3	4			
Cash grain.....	6	12	17			
Cotton.....	35	14	7			
Other field crop.....	16	11	5			
Dairy.....	11	18	19			
Poultry.....	4	4	5			
Other livestock.....	15	32	28			
General farms.....	10	15	13			
Miscellaneous and unclassified.....	1	1	2			
SIZE AND CONDITION OF DWELLING UNIT						
Rooms:						
Farm operators reporting.....	913,258	1,407,794	1,022,693	433,510	624,512	370,793
Rooms.....	5.0	5.8	6.6	4.8	5.1	5.9
Persons per room.....	0.8	0.7	0.6	0.8	0.8	0.8
Condition:						
Farm operators reporting.....	909,586	1,408,381	1,033,174	426,163	621,520	369,192
Not dilapidated.....	74	87	95	67	82	92
Dilapidated.....	26	13	5	33	18	8
AGE AND LOCATION OF DWELLING UNIT						
*Year built:						
Farm operators reporting.....	157,924	259,827	210,500	77,839	118,812	71,626
1945 or later.....	9	8	7	9	13	10
1940 to 1944.....	4	5	4	8	8	9
1930 to 1939.....	15	13	11	23	19	16
1920 to 1929.....	18	12	13	13	17	10
1919 or earlier.....	54	62	65	47	43	55
Distance to trading center:						
Farm operators reporting.....	909,443	1,408,712	1,022,897	426,670	604,052	359,257
Under 1 mile.....	7	5	5	10	12	13
1 to 4 miles.....	40	35	38	45	41	41
5 to 9 miles.....	32	37	33	29	26	30
10 miles or more.....	21	23	24	16	21	16
Median distance.....	5.5	6.3	6.1	4.6	4.7	4.6
Kind of road on which located:						
Farm operators reporting.....	892,827	1,383,435	994,895	417,720	597,708	354,160
Hard surface.....	24	28	37	24	34	56
Gravel, shell, or shale.....	33	40	40	28	35	25
Dirt or unimproved.....	43	32	23	48	31	19

See footnotes at end of table.

HOUSING FACILITIES AND EQUIPMENT, AND HOME FOOD-PRODUCTION PRACTICES 85

Table 5.—FAMILY AND HOUSING CHARACTERISTICS AND EQUIPMENT, FOR COMMERCIAL AND OTHER FARMS, BY FAMILY INCOME, FOR THE UNITED STATES AND REGIONS: 1950—Continued

[Data are based upon a sample. For a description of the sample and a statement of reliability of data, see page 3. Asterisk (*) denotes statistics based on a 20 percent subsample.]

Item	Commercial farms			Other farms		
	Under \$1,000	\$1,000- \$2,999	\$3,000 and over	Under \$1,000	\$1,000- \$2,999	\$3,000 and over
UNITED STATES—Continued						
FACILITIES AND EQUIPMENT						
Water supply:						
Farm operators reporting.....number..	913,795	1,418,120	1,035,803	433,517	625,740	374,462
Hot and cold piped running water inside structure.....percent..	13	29	57	9	22	56
Cold piped running water inside structure.....percent..	10	14	13	9	13	16
No piped running water inside structure.....percent..	77	57	30	82	65	28
Toilet facilities:						
Farm operators reporting.....number..	916,427	1,420,745	1,035,286	434,571	626,266	374,462
Flush toilet inside structure.....percent..	13	27	53	11	23	54
Other toilet facilities, including privy.....percent..	80	70	46	80	73	45
None.....percent..	7	3	1	9	4	1
Bathing facilities:						
Farm operators reporting.....number..	910,637	1,411,802	1,027,614	430,896	621,004	373,410
Installed bathtub or shower.....percent..	16	31	56	14	25	56
No installed bathtub or shower.....percent..	84	69	44	86	75	44
Electricity on farm:						
With electricity.....percent..	64	83	91	55	76	91
Electricity and water supply:						
With electricity reported on farm and piped running water inside structure.....percent..	21	39	65	15	32	67
With electricity reported on farm, but no piped running water inside structure.....percent..	43	43	25	39	44	23
Neither.....percent..	32	14	5	42	20	5
All other ⁵.....percent..	4	4	5	4	4	5
Farm operators reporting presence of:⁴						
Electric water pump.....percent..	21	43	64	12	28	54
Electric water heater.....percent..	7	17	34	3	10	26
Electric washing machine.....percent..	37	67	80	29	58	78
Home freezer.....percent..	4	12	26	4	7	16
*Refrigeration:⁶						
Farm operators reporting.....number..	184,706	302,337	193,863	92,213	129,539	71,136
Mechanical.....percent..	44	72	91	34	60	89
Ice.....percent..	18	9	2	25	16	4
Other or none.....percent..	38	19	7	41	24	7
*Cooking fuel:⁶						
Farm operators reporting.....number..	186,951	278,014	220,666	87,308	136,544	88,913
Coal or wood.....percent..	71	45	26	78	56	25
Liquid fuel.....percent..	7	9	7	5	9	7
Utility or bottled gas.....percent..	15	26	36	10	18	34
Electricity.....percent..	5	18	30	5	16	34
Other or none.....percent..	2	2	1	2	1	.....
*Kitchen sink:						
Farm operators reporting.....number..	187,479	278,014	220,149	86,782	135,490	89,450
With kitchen sink.....percent..	35	61	84	30	49	80
Telephone:						
With telephone ¹.....percent..	20	43	63	14	26	51

Item	Commercial farms			Other farms		North, all farms	West, all farms
	Under \$1,000	\$1,000- \$2,999	\$3,000 and over	\$1,000- \$2,999	\$3,000 and over		
NORTH AND WEST							
COLOR AND TENURE							
Farms.....number..	294,242	848,889	786,381	229,543	219,097	2,267,481	461,429
White.....percent..	99	99	100	99	100	99	99
Nonwhite.....percent..	1	1	.....	1	.....	1	1
Full owners, part owners, and managers.....percent..	81	72	78	92	94	79	88
Tenants.....percent..	19	28	22	8	6	21	12
FAMILY CHARACTERISTICS AND INCOME²							
Family and household size:							
Average size of operator's family.....number..	3.2	3.7	4.2	3.7	4.3	3.8	3.7
Average size of operator's household.....number..	3.2	3.8	4.3	3.8	4.4	3.9	3.7
Composition of operator's family:							
Farm operators reporting.....number..	294,242	848,889	786,381	229,543	219,097	2,251,514	455,047
Husband and wife with—							
No children under 18.....percent..	47	35	32	32	31	36	35
1 or 2 children under 18.....percent..	22	17	33	36	34	32	30
3 or 4 children under 18.....percent..	9	13	20	15	22	15	16
All other units ³.....percent..	22	15	15	17	13	17	19
Median age of operator.....years..	55.2	45.6	46.2	46.1	46.0	47.7	48.6
Years of school completed by operator:							
Farm operators reporting.....number..	293,197	846,249	784,302	229,015	215,962	2,230,922	449,460
Did not complete elementary school.....percent..	35	20	21	28	18	25	20
Completed elementary school, but not high school.....percent..	54	57	51	55	49	53	49
Completed high school or more.....percent..	11	23	28	17	33	22	31
Income of operator's family in 1949:							
Farm operators reporting.....number..	294,242	848,889	786,381	229,543	219,097	2,067,393	406,415
Families with income under \$10,000.....percent..	100	100	92	100	95	97	95
Average income of such families.....dollars..	513	1,855	4,704	1,950	4,397	2,674	2,879
Farm operators reporting.....number..	283,187	828,329	767,685	225,847	213,300	2,201,751	451,806
Work off farm.....percent..	22	28	34	85	92	38	31
100 days or more.....percent..	2	9	14	75	90	22	31
Farms.....number..	294,242	848,889	786,381	229,543	219,097	2,267,481	461,429
Other family members working off the farm.....percent..	10	12	20	25	39	28	23
Any income other than from farm operated or wages.....percent..	17	18	19	38	28	21	28
Other income of family exceeding value of farm products sold.....percent..	6	8	12	83	79	22	35

See footnotes at end of table.

FARMS AND FARM PEOPLE

Table 5.—FAMILY AND HOUSING CHARACTERISTICS AND EQUIPMENT, FOR COMMERCIAL AND OTHER FARMS, BY FAMILY INCOME, FOR THE UNITED STATES AND REGIONS: 1950—Continued

[Data are based upon a sample. For a description of the sample and a statement of reliability of data, see page 3. Asterisk (*) denotes statistics based on a 20 percent subsample.]

Item	Commercial farms			Other farms		North, all farms	West, all farms
	Under \$1,000	\$1,000-\$2,999	\$3,000 and over	\$1,000-\$2,999	\$3,000 and over		
NORTH AND WEST—Continued							
TYPE OF FARM							
Commercial farms.....	number..	294,242	848,889	786,381		1,805,219	327,248
Vegetable and fruit-and-nut.....	percent..	4	4	4		2	18
Cash-grain.....	percent..	14	18	19		18	15
Cotton.....	percent..	1	1	1		1	4
Other field-crop.....	percent..	1	1	2		1	4
Dairy.....	percent..	30	25	21		26	16
Poultry.....	percent..	7	4	6		5	7
Other livestock.....	percent..	28	29	32		30	21
General farms.....	percent..	14	17	14		16	13
Miscellaneous and unclassified.....	percent..	1	1	1		1	2
SIZE AND CONDITION OF DWELLING UNIT							
Rooms:							
Farm operators reporting.....	number..	292,141	833,176	769,629	227,969	215,434	2,228,016
Rooms.....	average number..	5.9	6.3	6.9	5.5	6.1	6.5
Persons per room.....	average number..	0.5	0.6	0.6	0.7	0.7	0.6
Condition:							
Farm operators reporting.....	number..	288,995	835,496	777,696	224,296	215,412	2,231,184
Not dilapidated.....	percent..	88	93	96	91	93	93
Dilapidated.....	percent..	12	7	4	9	7	7
AGE AND LOCATION OF DWELLING UNIT							
*Year built:							
Farm operators reporting.....	number..	59,252	155,956	162,939	44,220	49,379	2,257,080
1945 or later.....	percent..	8	3	4	4	10	3
1940 to 1944.....	percent..	2	2	1	2	7	2
1930 to 1939.....	percent..	4	9	7	17	17	20
1920 to 1929.....	percent..	17	10	13	12	8	11
1919 or earlier.....	percent..	69	76	75	65	58	77
Distance to trading center:							
Farm operators reporting.....	number..	287,800	832,826	769,988	215,244	209,098	2,206,122
Under 1 mile.....	percent..	5	5	4	12	13	6
1 to 4 miles.....	percent..	39	35	41	41	41	39
5 to 9 miles.....	percent..	33	37	33	29	32	35
10 miles or more.....	percent..	23	23	22	18	14	20
Median distance.....	miles..	5.9	6.3	5.8	4.8	4.6	5.7
Kind of road on which located:							
Farm operators reporting.....	number..	287,800	819,647	750,712	212,582	205,424	2,164,680
Hard surface.....	percent..	30	30	37	36	61	33
Gravel, shell, or shale.....	percent..	39	47	46	35	27	45
Dirt or unimproved.....	percent..	31	23	17	29	12	22
FACILITIES AND EQUIPMENT							
Water supply:							
Farm operators reporting.....	number..	292,152	839,665	780,325	227,464	218,052	2,248,608
Hot and cold piped running water inside structure.....	percent..	27	38	60	32	62	39
Cold piped running water inside structure.....	percent..	13	13	12	19	16	11
No piped running water inside structure.....	percent..	60	49	28	49	22	47
Toilet facilities:							
Farm operators reporting.....	number..	292,680	841,238	779,808	227,464	218,052	2,252,832
Flush toilet inside structure.....	percent..	26	35	55	35	59	37
Other toilet facilities, including privy.....	percent..	72	63	44	63	41	61
None.....	percent..	2	2	1	2	(1)	2
Bathing facilities:							
Farm operators reporting.....	number..	291,624	838,081	774,550	226,936	218,052	2,241,216
Installed bathtub or shower.....	percent..	31	38	58	36	60	40
No installed bathtub or shower.....	percent..	69	62	42	64	40	60
Electricity on farm:							
With electricity ⁴	percent..	75	87	91	82	92	85
Electricity and water supply:							
With electricity reported on farm and piped running water inside structure.....	percent..	37	48	67	46	72	50
With electricity reported on farm, but no piped running water inside structure.....	percent..	38	39	23	35	19	35
Neither.....	percent..	21	9	5	13	4	11
All other ⁵	percent..	4	4	5	6	5	4
Farm operators reporting presence of: ⁶							
Electric water pump.....	percent..	38	55	69	38	57	54
Electric water heater.....	percent..	15	22	36	14	26	22
Electric washing machine.....	percent..	63	79	85	73	83	77
Home freezer.....	percent..	9	15	27	11	19	18
*Refrigeration: ⁶							
Farm operators reporting.....	number..	61,683	183,273	149,674	47,483	41,525	2,323,715
Mechanical.....	percent..	63	81	92	65	86	77
Ice.....	percent..	9	5	1	10	3	6
Other or none.....	percent..	28	14	7	25	11	17
*Cooking fuel: ⁶							
Farm operators reporting.....	number..	56,193	171,945	170,104	52,074	54,197	2,421,395
Coal or wood.....	percent..	57	38	25	49	21	37
Liquid fuel.....	percent..	9	6	5	9	6	5
Utility or bottled gas.....	percent..	22	31	35	19	36	30
Electricity.....	percent..	11	23	34	22	37	26
Other or none.....	percent..	1	2	1	1	1	1
*Kitchen sink:							
Farm operators reporting.....	number..	56,721	171,945	189,587	51,546	54,208	2,435,250
With kitchen sink.....	percent..	67	74	87	71	87	76
Telephone:							
With telephone ⁴	percent..	49	62	72	43	63	62

See footnotes at end of table.

HOUSING FACILITIES AND EQUIPMENT, AND HOME FOOD-PRODUCTION PRACTICES 87

Table 5.—FAMILY AND HOUSING CHARACTERISTICS AND EQUIPMENT, FOR COMMERCIAL AND OTHER FARMS, BY FAMILY INCOME, FOR THE UNITED STATES AND REGIONS: 1950—Continued

[Data are based upon a sample. For a description of the sample and a statement of reliability of data, see page 3. Asterisk (*) denotes statistics based on a 20 percent subsample.]

Item	Commercial farms			Other farms		
	Under \$1,000	\$1,000-\$2,999	\$3,000 and over	Under \$1,000	\$1,000-\$2,999	\$3,000 and over
SOUTH						
COLOR AND TENURE						
Farms.....number..	632,689	587,923	257,892	343,633	403,010	157,462
Whites.....percent..	61	85	97	71	87	97
Nonwhite.....percent..	39	15	3	29	13	3
Full owners, part owners, and managers.....percent..	46	63	77	71	77	95
Tenants except croppers.....percent..	25	24	17	19	18	4
Croppers.....percent..	29	13	6	10	5	1
FAMILY CHARACTERISTICS AND INCOME ²						
Family and household size:						
Average size of operator's family.....number..	4.3	4.4	4.2	4.0	4.4	4.5
Average size of operator's household.....number..	4.3	4.4	4.3	4.0	4.4	4.6
Composition of operator's family:						
Farm operators reporting.....number..	632,689	587,923	257,892	343,633	403,010	157,462
Husband and wife with—						
No children under 18.....percent..	33	30	34	37	33	26
1 or 2 children under 18.....percent..	26	37	37	22	31	35
3 or 4 children under 18.....percent..	15	16	16	14	19	20
All other units.....percent..	26	17	13	27	17	19
Median age of operator.....years..	47.8	44.4	46.3	53.5	45.2	46.0
Years of school completed by operator:						
Farm operators reporting.....number..	625,541	575,825	257,737	339,425	398,802	156,410
Did not complete elementary school.....percent..	76	56	35	77	58	36
Completed elementary school, but not high school.....percent..	20	34	38	20	33	42
Completed high school or more.....percent..	4	10	27	3	9	22
Income of operator's family in 1949:						
Farm operators reporting.....number..	632,689	587,923	257,892	343,633	403,010	157,462
Families with income under \$10,000.....percent..	100	100	91	100	100	96
Average income of such families.....dollars..	440	1,649	4,618	452	1,790	4,255
Farm operators reporting.....number..	623,747	573,721	252,322	336,269	396,698	153,625
Work off farm.....percent..	27	25	35	52	70	81
100 days or more.....percent..	2	7	20	29	61	78
Farms.....number..	632,689	587,923	257,892	343,633	403,010	157,462
Other family members working off the farm.....percent..	11	14	22	19	29	43
Any income other than from farm operated or wages.....percent..	12	25	28	40	43	37
Other income of family exceeding value of farm products sold.....percent..	3	13	20	62	81	80
TYPE OF FARM						
Commercial farms.....number..	632,689	587,923	257,892			
Vegetable and fruit-and-nut.....percent..	1	2	2			
Cash-grain.....percent..	2	4	10			
Cotton.....percent..	50	33	25			
Other field-crop.....percent..	23	26	16			
Dairy.....percent..	2	6	14			
Poultry.....percent..	3	3	4			
Other livestock.....percent..	9	13	17			
General farms.....percent..	9	12	9			
Miscellaneous and unclassified.....percent..	1	1	3			
SIZE AND CONDITION OF DWELLING UNIT						
Rooms:						
Farm operators reporting.....number..	621,117	574,618	253,064	338,899	396,543	155,358
Rooms.....average number..	4.6	5.1	5.7	4.4	4.9	5.6
Persons per room.....average number..	0.9	0.9	0.7	0.9	0.5	0.8
Condition:						
Farm operators reporting.....number..	620,591	572,885	255,478	335,743	397,224	153,780
Not dilapidated.....percent..	68	78	91	63	77	91
Dilapidated.....percent..	32	22	9	37	23	9
AGE AND LOCATION OF DWELLING UNIT						
*Year built:						
Farm operators reporting.....number..	98,672	103,871	47,561	65,750	74,592	22,247
1945 or later.....percent..	10	14	18	10	18	12
1940 to 1944.....percent..	5	9	12	8	11	12
1930 to 1939.....percent..	22	19	22	24	20	14
1920 to 1929.....percent..	18	16	14	13	20	14
1919 or earlier.....percent..	45	42	34	45	31	48
Distance to trading center:						
Farm operators reporting.....number..	621,643	575,886	252,909	332,587	388,808	150,159
Under 1 mile.....percent..	8	6	5	9	12	12
1 to 4 miles.....percent..	40	36	33	45	41	42
5 to 9 miles.....percent..	31	33	33	29	25	28
10 miles or more.....percent..	21	25	29	17	22	18
Median distance.....miles..	5.3	6.2	6.8	4.7	4.7	4.7
Kind of road on which located:						
Farm operators reporting.....number..	605,027	563,788	244,183	325,749	385,126	148,736
Hard surface.....percent..	21	26	36	22	32	50
Gravel, shell, or shale.....percent..	29	30	22	26	29	21
Dirt or unimproved.....percent..	50	44	42	52	39	29

See footnotes at end of table.

FARMS AND FARM PEOPLE

Table 5.—FAMILY AND HOUSING CHARACTERISTICS AND EQUIPMENT, FOR COMMERCIAL AND OTHER FARMS, BY FAMILY INCOME, FOR THE UNITED STATES AND REGIONS: 1950—Continued

[Data are based upon a sample. For a description of the sample and a statement of reliability of data, see page 3. Asterisk (*) denotes statistics based on a 20 percent subsample]

Item	Commercial farms			Other farms		
	Under \$1,000	\$1,000-\$2,999	\$3,000 and over	Under \$1,000	\$1,000-\$2,999	\$3,000 and over
SOUTH—Continued						
FACILITIES AND EQUIPMENT						
Water supply:						
Farm operators reporting.....number..	621,643	578,455	255,478	339,951	398,276	156,410
Hot and cold piped running water inside structure.....percent..	6	16	48	6	17	49
Cold piped running water inside structure.....percent..	9	15	16	7	10	15
No piped running water inside structure.....percent..	85	69	36	87	73	36
Toilet facilities:						
Farm operators reporting.....number..	623,747	579,507	255,478	340,477	398,802	156,410
Flush toilet inside structure.....percent..	7	17	47	8	17	48
Other toilet facilities, including privy.....percent..	83	78	51	81	78	51
None.....percent..	10	5	2	11	5	1
Bathing facilities:						
Farm operators reporting.....number..	619,013	573,721	253,064	337,847	394,068	155,358
Installed bathtub or shower.....percent..	9	20	51	11	19	50
No installed bathtub or shower.....percent..	91	80	49	89	81	50
Electricity on farm:						
With electricity ¹.....percent..	60	76	90	54	73	90
Electricity and water supply:						
With electricity reported on farm and piped running water inside structure.....percent..	14	28	60	11	25	60
With electricity reported on farm, but no piped running water inside structure.....percent..	44	47	29	42	47	29
Neither.....percent..	38	21	6	44	25	7
All other ².....percent..	4	4	5	3	3	4
Farm operators reporting presence of: ⁴						
Electric water pump.....percent..	12	26	48	9	23	50
Electric water heater.....percent..	3	9	28	3	8	26
Electric washing machine.....percent..	25	50	64	23	49	72
Home freezer.....percent..	3	7	23	3	5	12
*Refrigeration: ⁵						
Farm operators reporting.....number..	123,023	119,064	44,189	72,743	82,056	29,611
Mechanical.....percent..	34	60	88	33	57	91
Ice.....percent..	23	14	5	26	19	7
Other or none.....percent..	43	26	7	41	24	2
*Cooking fuel: ⁶						
Farm operators reporting.....number..	130,758	106,069	50,562	66,326	84,470	34,716
Coal or wood.....percent..	77	59	29	77	60	30
Liquid fuel.....percent..	6	13	14	6	9	9
Utility or bottled gas.....percent..	12	18	37	10	17	32
Electricity.....percent..	3	9	18	4	13	29
Other or none.....percent..	2	1	2	3	1	.....
*Kitchen sink:						
Farm operators reporting.....number..	130,758	106,069	50,562	65,750	83,944	35,242
With kitchen sink.....percent..	21	41	74	22	35	69
Telephone:						
With telephone ⁴.....percent..	7	16	38	9	16	35

¹Percent not shown when less than 0.5.²Information on family characteristics not obtained for a few farms with vacant operator dwellings, primarily operators with dwellings not in same enumeration district as rest of farms, but information on the farm and the vacant dwelling on the farm is included.³Includes single person units.⁴Base of percent is total number of farms; no distinction is made between no report on item and operator not having item.⁵No report on presence of piped running water, or dwelling with piped running water but no electricity reported on farm.⁶Occupied dwelling units.

HOUSING FACILITIES AND EQUIPMENT, AND HOME FOOD-PRODUCTION PRACTICES 89

Table 6.—FAMILY AND HOUSING CHARACTERISTICS AND EQUIPMENT, FOR COMMERCIAL AND OTHER FARMS, BY FAMILY INCOME, BY TENURE OF OPERATOR, FOR THE UNITED STATES AND REGIONS: 1950

[Data are based upon a sample. For a description of the sample and a statement of reliability of data, see page 3. Asterisk (*) denotes statistics based on a 20 percent subsample.]

Item	United States							
	Commercial farms		Other farms		Under \$1,000		\$1,000-\$2,999	
	Full owners, part owners, and managers	Tenants other than croppers in South	Full owners, part owners, and managers	Tenants other than croppers in South	Full owners, part owners, and managers	Tenants other than croppers in South	Full owners, part owners, and managers	Tenants other than croppers in South
COLOR								
Farms.....number..	2,603,442	878,016	1,328,157	199,527	861,264	285,985	1,500,520	470,403
White.....percent..	96	87	93	75	87	66	96	90
Nonwhite.....percent..	4	13	7	25	13	34	4	10
FAMILY CHARACTERISTICS AND INCOME¹								
Family and household size:								
Average size of operator's family.....number..	3.8	4.4	4.0	4.5	3.5	4.5	3.9	4.3
Average size of operator's household.....number..	3.9	4.5	4.0	4.5	3.5	4.6	3.9	4.3
Composition of operator's family:								
Farm operators reporting.....number..	2,582,938	875,100	1,313,692	199,001	861,264	285,985	1,500,520	470,403
Husband and wife with—								
No children under 18.....percent..	39	24	36	24	44	27	36	23
1 or 2 children under 18.....percent..	29	41	28	33	20	31	33	46
3 or 4 children under 18.....percent..	14	18	15	20	10	16	15	16
All other units ².....percent..	18	17	21	23	26	26	16	15
Median age of operator.....years..	50.9	39.1	50.4	41.7	57.0	44.2	48.7	38.1
Years of school completed by operator:								
Farm operators reporting.....number..	2,558,161	866,702	1,297,915	196,371	852,847	283,001	1,491,557	462,602
Did not complete elementary school.....percent..	35	37	45	63	58	68	37	36
Completed elementary school, but not high school.....percent..	47	43	40	28	35	27	40	34
Completed high school or more.....percent..	18	20	15	9	7	5	15	20
Income of operator's family in 1949:								
Farm operators reporting.....number..	2,324,769	805,364	1,205,213	186,380	861,264	285,985	1,500,520	470,403
Families with income under \$10,000.....percent..	96	99	99	100	100	100	100	100
Average income of such families.....dollars..	2,442	2,147	2,193	1,455	480	458	1,010	1,770
Farm operators reporting.....number..	2,533,223	862,598	1,296,428	194,785	839,177	279,139	1,465,751	463,112
Work off farm.....percent..	27	26	69	63	31	35	44	34
100 days or more.....percent..	10	6	59	49	11	8	29	18
Farms.....number..	2,603,442	878,016	1,328,157	199,527	861,264	285,985	1,500,520	470,403
Other family members working off the farm.....percent..	15	11	29	23	13	12	19	14
Any income other than from farm operated or wages.....percent..	21	16	38	40	28	18	28	25
Other income of family exceeding value of farm products sold.....percent..	10	7	75	70	28	18	35	23
TYPE OF FARM								
Commercial farms.....number..	2,603,442	878,016						
Vegetable and fruit-and-nut.....percent..	4	1						
Cash-grain.....percent..	11	19						
Cotton.....percent..	10	26						
Other field-crop.....percent..	8	9						
Dairy.....percent..	20	10						
Poultry.....percent..	6	1						
Other livestock.....percent..	25	20						
General farms.....percent..	14	14						
Miscellaneous and unclassified.....percent..	2	(³)						
SIZE AND CONDITION OF DWELLING UNIT								
Rooms:								
Farm operators reporting.....number..	2,553,269	863,786	1,308,068	196,370	848,650	282,303	1,471,998	461,324
Rooms.....average number..	6.1	5.8	5.3	4.5	5.2	4.6	5.7	5.6
Persons per room.....average number..	0.6	0.8	0.8	1.0	0.7	1.0	0.7	0.8
Condition:								
Farm operators reporting.....number..	2,558,383	863,819	1,299,796	192,683	841,308	279,678	1,472,107	461,306
Not dilapidated.....percent..	91	81	83	64	79	62	89	80
Dilapidated.....percent..	9	19	17	36	21	38	11	19

See footnotes at end of table.

FARMS AND FARM PEOPLE

Table 6.—FAMILY AND HOUSING CHARACTERISTICS AND EQUIPMENT, FOR COMMERCIAL AND OTHER FARMS, BY FAMILY INCOME, BY TENURE OF OPERATOR, FOR THE UNITED STATES AND REGIONS: 1950—Continued

[Data are based upon a sample. For a description of the sample and a statement of reliability of data, see page 3. Asterisk (*) denotes statistics based on a 20 percent subsample]

Item	United States—Continued							
	\$3,000 and over		Commercial farms					
	Full owners, part owners, and managers	Tenants other than croppers in South	Under \$1,000		\$1,000-\$2,999		\$3,000 and over	
Full owners, part owners, and managers			Tenants other than croppers in South	Full owners, part owners, and managers	Tenants other than croppers in South	Full owners, part owners, and managers	Tenants other than croppers in South	
COLOR								
Farms.....number..	1,168,198	235,276	532,093	210,583	980,024	378,940	812,652	215,841
White.....percent..	99	99	89	68	97	92	100	99
Nonwhite.....percent..	1	1	11	32	3	8	(³)	(³)
FAMILY CHARACTERISTICS AND INCOME ¹								
Family and household size:								
Average size of operator's family.....number..	4.2	4.3	3.4	4.6	3.8	4.2	4.1	4.3
Average size of operator's household.....number..	4.3	4.4	3.4	4.7	3.9	4.3	4.2	4.4
Composition of operator's family:								
Farm operators reporting.....number..	1,168,198	235,276	532,093	210,583	980,024	378,940	812,652	215,841
Husband and wife with—								
No children under 18.....percent..	34	23	44	27	38	23	36	24
1 or 2 children under 18.....percent..	32	42	22	32	33	48	31	42
3 or 4 children under 18.....percent..	19	23	10	16	13	15	18	23
All other units ².....percent..	15	12	24	25	16	14	15	11
Median age of operator.....years..	48.0	38.0	56.2	43.1	49.3	38.2	48.8	37.6
Years of school completed by operator:								
Farm operators reporting.....number..	1,162,294	234,759	527,892	209,531	974,745	372,111	810,935	215,324
Did not complete elementary school.....percent..	25	20	53	65	34	31	25	19
Completed elementary school, but not high school.....percent..	48	50	39	29	49	46	48	51
Completed high school or more.....percent..	27	30	8	6	17	23	27	30
Income of operator's family in 1949:								
Farm operators reporting.....number..	1,168,198	235,276	532,093	210,583	980,024	378,940	812,652	215,841
Families with income under \$10,000.....percent..	92	97	100	100	100	100	90	97
Average income of such families.....dollars..	4,619	4,471	487	457	1,781	1,790	4,750	4,481
Farm operators reporting.....number..	1,138,661	230,913	518,414	206,371	955,263	371,569	791,693	212,534
Work off farm.....percent..	51	34	22	28	27	26	35	29
100 days or more.....percent..	38	17	2	1	9	7	17	11
Farms.....number..	1,168,198	235,276	532,093	210,583	980,024	378,940	812,652	215,841
Other family members working off the farm.....percent..	28	16	10	10	14	11	22	14
Any income other than from farm operated or wages.....percent..	25	17	18	11	22	20	23	15
Other income of family exceeding value of farm products sold.....percent..	35	14	5	3	10	9	15	9
TYPE OF FARM								
Commercial farms.....number..			532,093	210,583	980,024	378,940	812,652	215,841
Vegetable and fruit-and-nut.....percent..			3	1	4	1	5	1
Cash-grain.....percent..			7	9	10	19	15	27
Cotton.....percent..			18	46	9	19	6	9
Other field-crop.....percent..			11	15	9	10	5	4
Dairy.....percent..			17	6	21	12	22	10
Poultry.....percent..			6	2	5	2	6	1
Other livestock.....percent..			22	11	25	21	26	32
General farms.....percent..			14	10	16	16	13	16
Miscellaneous and unclassified.....percent..			2		1		2	(³)
SIZE AND CONDITION OF DWELLING UNIT								
Rooms:								
Farm operators reporting.....number..	1,145,992	231,187	524,205	207,427	959,438	372,086	796,213	211,752
Rooms.....average number..	6.4	6.6	5.4	4.8	5.9	5.8	6.6	6.6
Persons per room.....average number..	0.7	0.7	0.6	1.0	0.6	0.7	0.6	0.7
Condition:								
Farm operators reporting.....number..	1,153,413	231,595	521,579	207,434	960,538	372,099	804,706	212,688
Not dilapidated.....percent..	95	93	83	66	91	84	96	93
Dilapidated.....percent..	5	7	17	34	9	16	4	7

See footnotes at end of table.

HOUSING FACILITIES AND EQUIPMENT, AND HOME FOOD-PRODUCTION PRACTICES 91

Table 6.—FAMILY AND HOUSING CHARACTERISTICS AND EQUIPMENT, FOR COMMERCIAL AND OTHER FARMS, BY FAMILY INCOME, BY TENURE OF OPERATOR, FOR THE UNITED STATES AND REGIONS: 1950—Continued

[Data are based upon a sample. For a description of the sample and a statement of reliability of data, see page 3. Asterisk (*) denotes statistics based on a 20 percent subsample]

Item	United States—Continued							
	Commercial farms		Other farms		Under \$1,000		\$1,000-\$2,999	
	Full owners, part owners, and managers	Tenants other than croppers in South	Full owners, part owners, and managers	Tenants other than croppers in South	Full owners, part owners, and managers	Tenants other than croppers in South	Full owners, part owners, and managers	Tenants other than croppers in South
AGE AND LOCATION OF DWELLING UNIT								
*Year built:								
Farm operators reporting.....number..	2,466,875	770,620	1,229,010	189,315	757,060	253,435	1,381,525	419,620
1945 or later.....percent..	8	6	12	6	11	4	10	6
1940 to 1944.....percent..	5	1	9	4	7	2	7	1
1930 to 1939.....percent..	12	14	19	13	17	20	15	14
1920 to 1929.....percent..	14	10	14	22	15	15	14	11
1919 or earlier.....percent..	61	69	46	55	50	59	54	68
Distance to trading center:								
Farm operators reporting.....number..	2,544,892	869,574	1,266,580	192,155	841,677	282,029	1,455,773	463,363
Under 1 mile.....percent..	6	5	12	11	9	6	8	5
1 to 4 miles.....percent..	36	40	41	46	38	47	35	42
5 to 9 miles.....percent..	34	34	28	29	32	28	33	34
10 miles or more.....percent..	24	21	19	14	21	19	24	19
Median distance.....miles..	6.2	5.7	4.7	4.4	5.5	4.8	6.0	5.5
Kind of road on which located:								
Farm operators reporting.....number..	2,493,404	852,177	1,249,893	186,889	825,738	277,039	1,434,697	455,974
Hard surface.....percent..	32	26	38	27	26	20	30	28
Gravel, shell, or shale.....percent..	38	39	29	30	33	30	38	39
Dirt or unimproved.....percent..	30	35	33	43	41	50	32	33
FACILITIES AND EQUIPMENT								
Water supply:								
Farm operators reporting.....number..	2,572,343	868,534	1,311,911	196,380	849,196	282,301	1,482,911	465,217
Hot and cold piped running water inside structure.....percent..	40	23	30	10	16	5	31	20
Cold piped running water inside structure.....percent..	13	11	14	6	13	6	15	11
No piped running water inside structure.....percent..	47	66	56	84	71	89	54	69
Toilet facilities:								
Farm operators reporting.....number..	2,577,757	870,116	1,314,545	196,897	852,354	283,355	1,487,120	465,217
Flush toilet inside structure.....percent..	38	21	31	10	18	5	30	18
Other toilet facilities, including privy.....percent..	60	74	66	82	77	85	68	78
None.....percent..	2	5	3	8	5	10	2	4
Bathing facilities:								
Farm operators reporting.....number..	2,560,084	863,279	1,303,504	196,371	846,047	281,775	1,473,961	463,113
Installed bathtub or shower.....percent..	41	25	33	13	21	7	33	22
No installed bathtub or shower.....percent..	59	75	67	87	79	93	67	78
Electricity on farm:								
With electricity ⁴.....percent..	84	75	77	55	68	51	83	76
Electricity and water supply:								
With electricity reported on farm and piped running water inside structure.....percent..	50	31	40	13	27	9	42	28
With electricity reported on farm, but no piped running water inside structure.....percent..	33	43	36	41	40	41	41	47
Neither.....percent..	12	22	19	41	29	46	13	21
All other ⁵.....percent..	5	4	5	5	4	4	4	4
Farm operators reporting presence of ⁴—								
Electric water pump.....percent..	50	35	33	11	23	11	42	33
Electric water heater.....percent..	23	14	14	4	8	4	16	12
Electric washing machines.....percent..	69	58	58	32	43	26	68	59
Home freezer.....percent..	17	11	10	1	6	1	12	8
*Refrigeration:⁶								
Farm operators reporting.....number..	2,558,735	892,120	1,384,660	179,575	886,580	316,545	1,575,565	460,095
Mechanical.....percent..	77	61	64	34	49	28	73	64
Ice.....percent..	7	12	13	32	16	28	10	12
Other or none.....percent..	16	27	23	34	35	44	17	24
*Cooking fuel:⁶								
Farm operators reporting.....number..	2,685,170	836,240	1,414,655	186,730	922,620	233,015	1,549,615	439,015
Coal or wood.....percent..	45	43	51	71	69	75	48	46
Liquid fuel.....percent..	7	8	6	13	6	6	8	12
Utility or bottled gas.....percent..	26	31	22	10	16	15	24	25
Electricity.....percent..	21	15	20	3	6	3	19	14
Other or none.....percent..	1	3	1	3	3	1	1	3
*Kitchen sink:								
Farm operators reporting.....number..	2,702,640	831,615	1,422,610	184,100	925,260	230,385	1,546,975	439,015
With kitchen sink.....percent..	67	57	56	27	43	22	61	53
Telephone:								
With telephone ⁴.....percent..	48	42	32	14	24	13	39	40

See footnotes at end of table.

FARMS AND FARM PEOPLE

Table 6.—FAMILY AND HOUSING CHARACTERISTICS AND EQUIPMENT, FOR COMMERCIAL AND OTHER FARMS, BY FAMILY INCOME, BY TENURE OF OPERATOR, FOR THE UNITED STATES AND REGIONS: 1950—Continued

[Data are based upon a sample. For a description of the sample and a statement of reliability of data, see page 3. Asterisk (*) denotes statistics based on a 20 percent subsample]

Item	United States—Continued							
	\$3,000 and over		Commercial farms					
			Under \$1,000		\$1,000-\$2,999		\$3,000 and over	
	Full owners, part owners, and managers	Tenants other than croppers in South	Full owners, part owners, and managers	Tenants other than croppers in South	Full owners, part owners, and managers	Tenants other than croppers in South	Full owners, part owners, and managers	Tenants other than croppers in South
AGE AND LOCATION OF DWELLING UNIT								
*Year built:								
Farm operators reporting.....number..	1,194,825	200,025	473,085	179,775	884,835	335,400	849,720	187,000
1945 or later.....percent..	8	8	10	6	8	4	7	8
1940 to 1944.....percent..	6	1	4	1	6	1	4	1
1930 to 1939.....percent..	13	7	13	22	13	14	12	8
1920 to 1929.....percent..	13	7	17	15	13	9	14	4
1919 or earlier.....percent..	60	77	56	56	60	72	63	79
Distance to trading center:								
Farm operators reporting.....number..	1,133,480	231,842	523,021	209,531	960,618	374,980	793,654	213,989
Under 1 mile.....percent..	7	6	8	5	5	5	5	4
1 to 4 miles.....percent..	39	37	35	47	34	38	38	37
5 to 9 miles.....percent..	32	34	34	27	36	36	33	35
10 miles or more.....percent..	22	23	23	21	25	21	24	24
Median distance.....miles..	5.6	6.0	6.0	4.8	6.6	5.9	6.1	6.2
Kind of road on which located:								
Farm operators reporting.....number..	1,107,757	224,992	514,978	204,269	943,780	369,697	771,976	208,191
Hard surface.....percent..	45	31	26	20	28	27	39	28
Gravel, shell, or shale.....percent..	34	44	35	31	41	41	39	46
Dirt or unimproved.....percent..	21	25	39	49	31	32	22	26
FACILITIES AND EQUIPMENT								
Water supply:								
Farm operators reporting.....number..	1,160,793	232,640	524,219	207,951	967,650	374,726	807,344	213,205
Hot and cold piped running water inside structure.....percent..	59	43	20	6	33	23	61	43
Cold piped running water inside structure.....percent..	14	15	14	6	15	13	13	14
No piped running water inside structure.....percent..	27	42	66	88	52	64	26	43
Toilet facilities:								
Farm operators reporting.....number..	1,159,748	233,168	526,323	209,005	971,333	374,726	806,299	213,733
Flush toilet inside structure.....percent..	55	38	20	5	32	20	56	38
Other toilet facilities, including privy.....percent..	44	60	76	87	66	76	43	60
None.....percent..	1	2	4	8	2	4	1	2
Bathing facilities:								
Farm operators reporting.....number..	1,154,177	230,541	523,691	207,425	962,910	372,622	801,252	211,106
Installed bathtub or shower.....percent..	59	44	24	8	35	25	60	44
No installed bathtub or shower.....percent..	41	56	76	92	65	75	40	56
Electricity on farm:								
With electricity ⁴.....percent..	92	87	73	55	85	80	92	87
Electricity and water supply:								
With electricity reported on farm and piped running water inside structure.....percent..	69	51	31	10	45	32	71	50
With electricity reported on farm, but no piped running water inside structure.....percent..	22	34	41	44	40	47	21	35
Neither.....percent..	5	8	24	42	11	17	4	8
All other ⁵.....percent..	4	7	4	4	4	4	4	7
Farm operators reporting presence of ⁴—								
Electric water pump.....percent..	64	54	29	14	47	38	67	55
Electric water heater.....percent..	34	25	10	4	19	14	37	26
Electric washing machine.....percent..	81	76	49	30	71	65	81	77
Home freezer.....percent..	23	23	7	2	13	10	27	24
*Refrigeration:⁶								
Farm operators reporting.....number..	1,088,610	220,605	539,420	239,460	1,025,140	394,495	751,335	204,830
Mechanical.....percent..	92	81	55	33	78	67	93	83
Ice.....percent..	2	4	13	23	8	9	2	3
Other or none.....percent..	6	15	32	44	14	24	5	14
*Cooking fuel:⁶								
Farm operators reporting.....number..	1,265,245	269,500	583,440	169,845	993,145	339,065	836,400	253,780
Coal or wood.....percent..	26	27	67	71	47	38	26	28
Liquid fuel.....percent..	6	9	6	8	8	10	6	8
Utility or bottled gas.....percent..	34	39	18	18	25	32	34	38
Electricity.....percent..	33	23	6	3	19	17	33	24
Other or none.....percent..	1	2	3	.....	1	3	1	2
*Kitchen sink:								
Farm operators reporting.....number..	1,270,615	264,230	586,080	169,845	993,145	339,315	839,085	248,510
With kitchen sink.....percent..	84	79	48	24	65	60	85	80
Telephone:								
With telephone ⁴.....percent..	60	64	28	16	45	47	64	65

See footnotes at end of table.

HOUSING FACILITIES AND EQUIPMENT, AND HOME FOOD-PRODUCTION PRACTICES 93

Table 6.—FAMILY AND HOUSING CHARACTERISTICS AND EQUIPMENT, FOR COMMERCIAL AND OTHER FARMS, BY FAMILY INCOME, BY TENURE OF OPERATOR, FOR THE UNITED STATES AND REGIONS: 1950—Continued

[Data are based upon a sample. For a description of the sample and a statement of reliability of data, see page 3. Asterisk (*) denotes statistics based on a 20 percent subsample]

Item	North and West									
	Commercial farms		\$1,000-\$2,999		\$3,000 and over		Commercial farms			
	Full owners, part owners, and managers	Tenants	Full owners, part owners, and managers	Tenants	Full owners, part owners, and managers	Tenants	Full owners, part owners, and managers	Tenants	Full owners, part owners, and managers	Tenants
COLOR										
Farms.....number..	1,643,602	488,865	823,548	254,884	819,895	185,583	613,486	235,403	613,921	172,460
White.....percent..	99	99	99	100	100	100	99	100	100	100
Nonwhite.....percent..	1	1	1	(³)	(³)	.....	1	(³)	(³)	.....
FAMILY CHARACTERISTICS AND INCOME ¹										
Family and household size:										
Average size of operator's family.....number..	3.7	4.0	3.7	3.8	4.2	4.2	3.7	3.8	4.1	4.2
Average size of operator's household.....number..	3.8	4.0	3.7	3.9	4.3	4.4	3.7	3.9	4.3	4.4
Composition of operator's family:										
Farm operators reporting.....number..	1,629,227	488,734	823,548	254,884	819,895	185,583	613,486	235,403	613,921	172,460
Husband and wife with—										
No children under 18.....percent..	40	26	37	25	35	24	39	26	35	24
1 or 2 children under 18.....percent..	28	45	33	51	31	41	32	51	30	41
3 or 4 children under 18.....percent..	14	17	13	13	19	24	12	13	19	24
All other units ².....percent..	18	12	17	11	15	11	17	10	16	11
Median age of operator.....years..	50.9	37.4	49.2	37.5	48.2	37.6	49.8	37.6	48.9	37.2
Years of school completed by operator:										
Farm operators reporting.....number..	1,611,969	487,700	820,897	254,367	815,198	185,066	611,363	234,886	612,359	171,943
Did not complete elementary school.....percent..	26	15	24	15	21	17	23	13	22	16
Completed elementary school, but not high school.....percent..	52	56	56	56	51	51	57	56	51	52
Completed high school or more.....percent..	22	29	20	29	28	32	20	31	27	32
Income of operator's family in 1949:										
Farm operators reporting.....number..	1,467,072	462,440	823,548	254,884	819,895	185,583	613,486	235,403	613,921	172,460
Families with income under \$10,000.....percent..	96	99	100	100	91	97	100	100	90	97
Average income of such families.....dollars..	2,771	2,661	1,874	1,878	4,683	4,436	1,843	1,886	4,783	4,444
Farm operators reporting.....number..	1,594,733	478,705	804,033	250,143	799,765	181,220	597,667	230,662	598,532	169,153
Work off farm.....percent..	29	27	43	31	50	32	28	26	35	29
100 days or more.....percent..	11	8	26	14	34	15	10	9	15	10
Farms.....number..	1,643,602	488,865	823,548	254,884	819,895	185,583	613,486	235,403	613,921	172,460
Other family members working off the farm.....percent..	15	12	16	11	26	16	13	11	21	15
Any income other than from farm operated or wages.....percent..	19	15	23	18	22	15	18	17	20	13
Other income of family exceeding value of farm products sold.....percent..	10	6	28	11	30	11	9	6	14	8
TYPE OF FARM										
Commercial farms.....number..	1,643,602	488,865	.....	.....	.....	.....	613,486	235,403	613,921	172,460
Vegetable and fruit-and-nut.....percent..	5	1	.....	.....	.....	.....	5	1	5	1
Cash-grain.....percent..	14	29	.....	.....	.....	.....	14	29	16	31
Cotton.....percent..	1	2	.....	.....	.....	.....	1	1	1	1
Other field-crop.....percent..	1	1	.....	.....	.....	.....	1	1	2	1
Dairy.....percent..	27	15	.....	.....	.....	.....	29	16	24	10
Poultry.....percent..	7	2	.....	.....	.....	.....	5	1	7	2
Other livestock.....percent..	29	31	.....	.....	.....	.....	28	30	29	37
General farms.....percent..	15	19	.....	.....	.....	.....	16	21	14	17
Miscellaneous and unclassified.....percent..	1	(³)	.....	.....	.....	.....	1	.....	2	(³)
SIZE AND CONDITION OF DWELLING UNIT										
Rooms:										
Farm operators reporting.....number..	1,613,140	481,473	810,486	250,660	802,517	182,546	601,997	231,179	600,206	169,423
Rooms.....average number..	6.4	6.6	6.1	6.4	6.7	6.9	6.2	6.5	6.8	7.0
Persons per room.....average number..	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Condition:										
Farm operators reporting.....number..	1,618,625	481,506	809,121	250,671	810,154	182,954	603,778	231,718	607,337	170,359
Not dilapidated.....percent..	94	93	93	92	96	95	94	93	96	95
Dilapidated.....percent..	6	7	7	8	4	5	6	7	4	5

See footnotes at end of table.

FARMS AND FARM PEOPLE

Table 6.—FAMILY AND HOUSING CHARACTERISTICS AND EQUIPMENT, FOR COMMERCIAL AND OTHER FARMS, BY FAMILY INCOME, BY TENURE OF OPERATOR, FOR THE UNITED STATES AND REGIONS: 1950—Continued

[Data are based upon a sample. For a description of the sample and a statement of reliability of data, see page 3. Asterisk (*) denotes statistics based on a 20 percent subsample]

Item	North and West—Continued									
	Commercial farms		\$1,000-\$2,999		\$3,000 and over		Commercial farms			
	Full owners, part owners, and managers	Tenants	Full owners, part owners, and managers	Tenants	Full owners, part owners, and managers	Tenants	Full owners, part owners, and managers	Tenants	Full owners, part owners, and managers	Tenants
AGE AND LOCATION OF DWELLING UNIT										
*Year built:										
Farm operators reporting.....number..	1,669,020	440,320	779,285	221,595	890,495	171,095	574,025	205,755	653,995	160,700
1945 or later.....percent..	4	2	3	4	6	2	3	3	4	2
1940 to 1944.....percent..	3	1	3	.....	3	2	3	.....	1	2
1930 to 1939.....percent..	8	7	12	8	10	5	10	8	8	6
1920 to 1929.....percent..	14	7	12	5	13	6	12	5	14	5
1919 or earlier.....percent..	71	83	70	83	68	85	72	84	73	85
Distance to trading center:										
Farm operators reporting.....number..	1,597,709	485,838	795,943	252,127	795,885	183,201	599,124	233,702	598,854	171,134
Under 1 mile.....percent..	5	5	7	5	6	5	5	5	4	4
1 to 4 miles.....percent..	38	39	36	38	41	39	35	37	41	39
5 to 9 miles.....percent..	34	35	35	37	33	34	37	37	33	34
10 miles or more.....percent..	23	21	22	20	20	22	23	21	22	23
Median distance.....miles..	6.1	5.9	6.1	5.9	5.4	5.9	6.4	6.0	5.8	6.0
Kind of road on which located:										
Farm operators reporting.....number..	1,569,088	478,435	783,809	248,420	776,103	180,033	589,124	230,523	582,746	167,966
Hard surface.....percent..	35	29	32	30	45	31	30	30	40	28
Gravel, shell, or shale.....percent..	43	49	43	49	39	52	47	50	43	54
Dirt or unimproved.....percent..	22	22	25	21	16	17	23	20	17	18
FACILITIES AND EQUIPMENT										
Water supply:										
Farm operators reporting.....number..	1,627,696	485,169	813,829	253,300	814,378	183,999	605,846	233,819	609,449	170,876
Hot and cold piped running water inside structure.....percent..	49	35	38	31	63	47	40	32	63	45
Cold piped running water inside structure.....percent..	12	13	15	14	13	13	13	14	12	13
No piped running water inside structure.....percent..	39	52	47	55	24	40	47	54	25	42
Toilet facilities:										
Farm operators reporting.....number..	1,628,741	486,225	815,402	253,300	813,333	184,527	607,419	233,819	608,404	171,404
Flush toilet inside structure.....percent..	45	31	37	27	59	40	37	28	59	39
Other toilet facilities, including privy.....percent..	53	67	61	71	40	58	61	70	40	59
None.....percent..	2	2	2	2	1	2	2	2	1	2
Bathing facilities:										
Farm operators reporting.....number..	1,620,854	483,596	811,717	253,300	810,176	182,426	604,262	233,819	605,247	169,303
Installed bathtub or shower.....percent..	48	36	39	32	61	46	40	33	61	45
No installed bathtub or shower.....percent..	52	64	61	68	39	54	60	67	39	55
Electricity on farm:										
With electricity ⁴.....percent..	87	85	87	85	92	89	88	86	92	89
Electricity and water supply:										
With electricity reported on farm and piped running water inside structure.....percent..	57	45	48	41	71	54	49	43	71	53
With electricity reported on farm, but no piped running water inside structure.....percent..	29	40	37	43	20	34	38	42	20	35
Neither.....percent..	9	11	10	12	4	6	9	11	4	6
All other ⁵.....percent..	5	4	5	4	5	6	4	4	5	6
Farm operators reporting presence of⁴—										
Electric water pump.....percent..	58	55	51	50	68	62	55	53	71	63
Electric water heater.....percent..	28	22	21	19	35	29	23	20	38	29
Electric washing machine.....percent..	78	78	78	78	85	83	79	79	86	83
Home freezer.....percent..	20	17	15	13	25	23	16	13	28	24
*Refrigeration:⁶										
Farm operators reporting.....number..	1,648,095	498,700	875,820	277,960	785,360	170,635	656,775	259,590	590,880	157,490
Mechanical.....percent..	83	77	77	78	91	87	82	78	92	88
Ice.....percent..	4	5	7	5	2	.....	5	5	2	.....
Other or none.....percent..	13	18	16	17	7	13	13	17	6	12
*Cooking fuel:⁶										
Farm operators reporting.....number..	1,698,260	495,420	873,845	246,250	901,975	219,530	645,045	214,680	644,080	206,440
Coal or wood.....percent..	37	27	43	30	23	28	42	25	24	29
Liquid fuel.....percent..	6	6	7	9	5	4	7	6	5	3
Utility or bottled gas.....percent..	28	41	26	37	34	40	27	43	33	38
Electricity.....percent..	28	23	23	22	37	26	23	24	37	27
Other or none.....percent..	1	3	1	2	1	2	1	2	1	3
*Kitchen sink:										
Farm operators reporting.....number..	1,706,290	490,795	871,205	246,250	902,080	216,890	645,045	214,680	644,135	203,800
With kitchen sink.....percent..	78	78	72	76	88	84	72	79	87	84
Telephone:										
With telephone ⁴percent..	62	67	55	66	69	73	59	69	71	74

See footnotes at end of table.

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Table 6.—FAMILY AND HOUSING CHARACTERISTICS AND EQUIPMENT, FOR COMMERCIAL AND OTHER FARMS, BY FAMILY INCOME, BY TENURE OF OPERATOR, FOR THE UNITED STATES AND REGIONS: 1950—Continued

[Data are based upon a sample. For a description of the sample and a statement of reliability of data, see page 3. Asterisk (*) denotes statistics based on a 20 percent subsample]

Item	South										
	Commercial farms			Under \$1,000			\$1,000-\$2,999		Commercial farms, under \$1,000		
	Full owners, part owners, and managers	Tenants except croppers	Croppers	Full owners, part owners, and managers	Tenants except croppers	Croppers	Full owners, part owners, and managers	Tenants except croppers	Full owners, part owners, and managers	Tenants except croppers	Croppers
COLOR											
Farms.....number..	959,840	389,151	311,547	536,492	220,859	218,971	676,972	215,599	292,428	156,006	184,255
White.....percent..	90	71	42	80	57	35	92	79	80	58	34
Nonwhite.....percent..	10	29	58	20	43	65	8	21	20	42	66
FAMILY CHARACTERISTICS AND INCOME¹											
Family and household size:											
Average size of operator's family.....number..	3.9	4.9	4.8	3.7	4.7	4.6	4.2	4.8	3.7	4.9	4.7
Average size of operator's household.....number..	4.0	5.0	4.9	3.8	4.8	4.7	4.2	4.9	3.7	5.0	4.8
Composition of operator's family:											
Farm operators reporting.....number..	953,711	386,366	311,021	536,492	220,859	218,971	676,972	215,599	292,428	156,006	184,255
Husband and wife with—											
No children under 18.....percent..	39	22	24	41	26	26	36	21	39	25	27
1 or 2 children under 18.....percent..	30	35	30	22	30	25	32	39	25	29	25
3 or 4 children under 18.....percent..	13	19	19	12	17	20	16	20	12	17	19
All other units ².....percent..	18	24	27	25	27	29	16	20	24	29	29
Median age of operator.....years..	42.5	41.2	40.0	55.8	44.9	40.6	48.1	39.3	55.2	44.0	40.5
Years of school completed by operator:											
Farm operators reporting.....number..	946,192	379,002	304,399	531,232	221,755	214,979	670,660	208,235	289,272	154,954	181,315
Did not complete elementary school.....percent..	53	66	82	69	82	88	53	61	65	81	88
Completed elementary school, but not high school.....percent..	34	26	15	25	17	11	36	30	28	18	11
Completed high school or more.....percent..	13	8	3	6	1	1	11	9	7	1	1
Income of operator's family in 1949:											
Farm operators reporting.....number..	857,697	342,924	277,883	536,492	220,859	218,971	676,972	215,599	292,428	156,006	184,255
Families with income under \$10,000.....percent..	98	100	100	100	100	100	100	100	100	100	100
Average income of such families.....dollars..	1,890	1,460	918	466	429	407	1,750	1,643	472	427	400
Farm operators reporting.....number..	938,490	383,365	307,339	527,550	216,125	216,341	661,718	212,969	288,220	152,850	182,677
Work off farm.....percent..	25	26	31	33	37	41	46	38	22	28	35
100 days or more.....percent..	9	4	6	13	9	11	33	23	2	1	5
Farms.....number..	959,840	389,151	311,547	536,492	220,859	218,971	676,972	215,599	292,428	156,006	184,255
Other family members working off the farm.....percent..	15	10	15	14	12	16	21	18	9	9	15
Any income other than from farm operated or wages.....percent..	24	17	8	29	18	9	34	32	17	10	6
Other income of family exceeding value of farm products sold.....percent..	11	9	5	32	19	10	44	38	4	2	2
TYPE OF FARM											
Commercial farms.....number..	959,840	389,151	311,547	.....	.....	.....	.....	.....	292,428	156,006	184,255
Vegetable and fruit-and-nut.....percent..	3	1	1	.....	.....	.....	.....	.....	2	1	(³)
Cash-grain.....percent..	5	6	1	.....	.....	.....	.....	.....	2	3	1
Cotton.....percent..	24	56	59	.....	.....	.....	.....	.....	33	62	64
Other field-crop.....percent..	19	19	33	.....	.....	.....	.....	.....	19	20	30
Dairy.....percent..	9	3	1	.....	.....	.....	.....	.....	4	1	1
Poultry.....percent..	5	1	1	.....	.....	.....	.....	.....	5	2	1
Other livestock.....percent..	19	6	1	.....	.....	.....	.....	.....	18	4	1
General farms.....percent..	14	8	3	.....	.....	.....	.....	.....	14	7	2
Miscellaneous and unclassified.....percent..	2	(³)	(³)	.....	.....	.....	.....	.....	3	.....	(³)
SIZE AND CONDITION OF DWELLING UNIT											
Rooms:											
Farm operators reporting.....number..	940,129	382,313	305,761	527,074	217,177	215,815	663,512	210,865	286,642	152,850	181,625
Rooms.....average number..	5.4	4.6	4.1	4.9	4.2	3.9	5.3	4.6	5.1	4.3	3.9
Persons per room.....average number..	0.7	1.1	1.2	0.8	1.1	1.2	0.8	1.0	0.7	1.1	1.2
Condition:											
Farm operators reporting.....number..	939,758	382,313	305,761	525,446	216,125	214,763	662,986	210,865	286,116	153,902	180,573
Not dilapidated.....percent..	85	66	58	74	56	58	84	67	79	59	58
Dilapidated.....percent..	15	34	42	26	44	42	16	33	21	41	42

See footnotes at end of table.

FARMS AND FARM PEOPLE

Table 6.—FAMILY AND HOUSING CHARACTERISTICS AND EQUIPMENT, FOR COMMERCIAL AND OTHER FARMS, BY FAMILY INCOME, BY TENURE OF OPERATOR, FOR THE UNITED STATES AND REGIONS: 1950—Continued

[Data are based upon a sample. For a description of the sample and a statement of reliability of data, see page 3. Asterisk (*) denotes statistics based on a 20 percent subsample]

Item	South—Continued										
	Commercial farms			Under \$1,000			\$1,000-\$2,999		Commercial farms, under \$1,000		
	Full owners, part owners, and managers	Tenants except croppers	Croppers	Full owners, part owners, and managers	Tenants except croppers	Croppers	Full owners, part owners, and managers	Tenants except croppers	Full owners, part owners, and managers	Tenants except croppers	Croppers
AGE AND LOCATION OF DWELLING UNIT											
*Year built:											
Farm operators reporting.....number..	797,855	330,300	270,890	447,875	205,915	168,320	602,740	198,025	249,065	137,535	136,760
1945 or later.....percent..	15	10	10	13	4	9	19	8	12	6	10
1940 to 1944.....percent..	11	2	7	9	3	5	12	3	7	2	6
1930 to 1939.....percent..	21	23	15	24	23	20	20	21	24	27	15
1920 to 1929.....percent..	14	15	22	14	16	23	17	19	16	16	25
1919 or earlier.....percent..	39	50	46	40	54	43	32	49	41	49	44
Distance to trading center:											
Farm operators reporting.....number..	947,183	383,736	297,871	524,920	217,703	211,607	659,830	211,236	289,798	154,954	176,891
Under 1 mile.....percent..	7	5	9	10	6	8	9	5	9	5	9
1 to 4 miles.....percent..	33	42	44	36	49	46	35	46	33	49	43
5 to 9 miles.....percent..	33	31	32	33	26	31	30	31	35	25	32
10 miles or more.....percent..	27	22	15	21	19	15	26	18	23	21	16
Median distance.....miles..	6.5	5.5	4.7	5.6	4.6	4.6	6.0	5.0	6.1	4.7	4.8
Kind of road on which located:											
Farm operators reporting.....number..	924,316	373,742	290,352	510,037	212,969	207,770	650,888	207,554	281,227	150,220	173,580
Hard surface.....percent..	27	22	26	23	18	22	29	24	22	19	23
Gravel, shell, or shale.....percent..	29	26	26	29	28	27	30	28	31	30	27
Dirt or unimproved.....percent..	44	52	48	48	54	51	41	48	47	51	50
FACILITIES AND EQUIPMENT											
Water supply:											
Farm operators reporting.....number..	944,647	383,365	305,761	528,076	217,703	215,815	669,082	211,917	286,116	153,902	181,625
Hot and cold piped running water inside structure.....percent..	26	8	3	9	2	2	21	6	11	2	2
Cold piped running water inside structure.....percent..	16	9	5	12	4	3	15	8	15	5	4
No piped running water inside structure.....percent..	58	83	92	79	94	95	64	86	74	93	94
Toilet facilities:											
Farm operators reporting.....number..	947,432	383,891	306,813	530,706	218,229	216,341	670,134	211,917	288,220	154,428	182,151
Flush toilet inside structure.....percent..	26	8	4	12	2	2	22	6	13	2	3
Other toilet facilities, including privy.....percent..	70	84	86	81	85	87	74	88	81	87	86
None.....percent..	4	8	10	7	13	11	4	6	6	11	11
Bathing facilities:											
Farm operators reporting.....number..	939,758	379,683	303,131	525,972	217,177	213,711	662,244	209,813	286,116	153,376	179,521
Installed bathtub or shower.....percent..	30	11	6	15	3	5	25	10	16	3	4
No installed bathtub or shower.....percent..	70	89	94	85	97	95	75	90	84	97	96
Electricity on farm:											
With electricity ⁴.....percent..	80	61	56	66	46	49	80	67	70	49	51
Electricity and water supply:											
With electricity reported on farm and piped running water inside structure.....percent..	39	14	7	20	4	5	33	13	24	5	5
With electricity reported on farm, but no piped running water inside structure.....percent..	40	46	48	45	41	44	46	53	45	43	46
Neither.....percent..	17	36	41	32	51	48	17	31	27	48	45
All other ⁵.....percent..	4	4	4	3	4	3	4	3	4	4	4
Farm operators reporting presence of ⁴—											
Electric water pump.....percent..	34	10	7	17	4	4	31	12	21	5	4
Electric water heater.....percent..	15	4	1	5	1	1	11	3	6	2	1
Electric washing machine.....percent..	53	32	17	33	17	10	57	38	38	19	10
Home freezer.....percent..	11	5	1	5	(³)	(³)	8	3	5	(³)	1
*Refrigeration:⁶											
Farm operators reporting.....number..	910,640	393,420	276,150	554,625	242,735	181,470	699,745	190,135	294,255	176,210	144,650
Mechanical.....percent..	66	38	28	43	22	19	67	43	45	25	20
Ice.....percent..	13	22	25	20	31	28	14	22	19	25	29
Other or none.....percent..	21	40	47	37	47	53	19	35	36	50	51
*Cooking fuel:⁶											
Farm operators reporting.....number..	986,910	343,320	278,780	589,895	179,615	215,660	675,770	192,675	342,675	129,645	181,470
Coal or wood.....percent..	55	66	82	71	86	85	54	66	69	85	86
Liquid fuel.....percent..	9	12	12	6	1	10	16	6	6	2	9
Utility or bottled gas.....percent..	23	16	2	15	11	1	22	10	18	11	1
Electricity.....percent..	11	4	4	4	1	4	14	4	3	2	4
Other or none.....percent..	2	2	.....	4	1	.....	(³)	4	4	.....	.....
*Kitchen sink:											
Farm operators reporting.....number..	996,350	340,820	281,410	589,895	176,985	215,660	675,770	192,765	342,675	129,645	181,470
With kitchen sink.....percent..	50	27	7	31	11	4	46	22	34	13	3
Telephones:											
With telephone ⁶.....percent..	23	10	3	11	4	2	20	9	11	4	2

¹Information on family characteristics not obtained for a few farms with vacant operator dwellings, primarily operators with dwellings not in same enumeration district as rest of farms, but information on the farm and the vacant dwelling on the farm is included.

²Includes single-person units.

³Percent not shown when less than 0.5.

⁴Base of percent is total number of farms; no distinction is made between no report on item and operator not having item.

⁵No report on presence of piped running water, or dwelling with piped running water but no electricity reported on farm.

⁶Occupied dwelling units.

HOUSING FACILITIES AND EQUIPMENT, AND HOME FOOD-PRODUCTION PRACTICES 97

Table 7.—HOME FOOD-PRODUCTION PRACTICES AND FAMILY AND FARM CHARACTERISTICS OF COMMERCIAL AND OTHER FARM OPERATORS, BY PRESENCE OF HOME GARDENS, FOR THE UNITED STATES AND REGIONS; AND BY RACE IN THE SOUTH: 1950

[Data are based upon a sample. For a description of the sample and a statement of reliability of data, see page 3]

Item	United States						North and West			
	All farms		Commercial farms		Other farms		All farms		Commercial farms	
	With garden	Without garden	With garden	Without garden	With garden	Without garden	With garden	Without garden	With garden	Without garden
Home food-production practices:¹										
Farms.....number..	3,919,701	1,460,426	2,742,484	1,050,521	1,177,217	409,905	1,845,066	883,844	1,425,693	706,774
With one or more milk cows.....percent..	73	61	78	65	63	49	78	64	84	68
Slaughtering:										
Hogs.....percent..	65	43	70	47	55	32	59	41	64	46
Cattle, excluding calves.....percent..	9	9	12	11	3	3	18	14	22	16
Calves.....percent..	10	11	12	14	6	5	15	13	16	15
Cattle and/or calves.....percent..	18	19	23	(²)	8	(²)	31	26	35	(²)
Any cattle or hogs.....percent..	70	50	75	(²)	58	(²)	66	50	72	(²)
With chickens 4 months old and over on hand.....percent..	84	66	86	67	80	62	81	63	84	65
Tenure of farm:										
Farms.....number..	3,919,701	1,460,426	2,742,484	1,050,521	1,177,217	409,905	1,845,066	883,844	1,425,693	706,774
Full owners, part owners, and managers.....percent..	74	72	69	68	86	79	82	78	78	76
Tenants except croppers in the South.....percent..	19	22	22	25	11	16	18	22	22	24
Croppers in the South.....percent..	7	6	9	7	3	5				
Average size of operator's family.....number..	4.1	3.8	4.1	3.8	4.1	3.9	3.9	3.6	3.9	3.6
Age of operator:										
Farm operators reporting.....number..	3,695,247	1,356,090	2,587,017	982,722	1,108,230	373,368	1,763,595	833,503	1,361,041	670,568
Under 25 years.....percent..	3	4	3	5	3	3	2	3	3	3
25 to 34 years.....percent..	15	19	16	20	14	16	15	18	16	19
35 to 44 years.....percent..	25	24	25	24	24	25	26	24	25	25
45 to 54 years.....percent..	23	21	23	20	22	21	23	21	23	20
55 to 64 years.....percent..	19	18	19	18	20	17	19	19	19	19
65 years and over.....percent..	15	14	14	13	17	18	15	15	14	14
Median age.....years..	48.0	46.5	47.4	45.9	49.3	48.1	48.1	47.3	47.9	45.9
Type of farm:										
Farms.....number..	3,919,701	1,460,426	2,742,484	1,050,521	1,177,217	409,905	1,845,066	883,844	1,425,693	706,774
Vegetable and fruit-and-nut.....percent..	3	4	3	5	2	2	4	6	4	6
Cash-grain.....percent..	7	15	9	19	2	3	13	20	15	23
Cotton.....percent..	15	12	19	14	6	6	1	1	1	2
Other field-crop.....percent..	9	5	12	6	3	2	1	1	1	1
Dairy.....percent..	13	11	17	14	5	3	22	15	27	18
Poultry.....percent..	5	4	5	5	6	3	7	5	6	6
Other livestock.....percent..	18	20	20	24	10	12	25	25	29	29
General farms.....percent..	11	10	14	12	5	4	14	13	16	14
Miscellaneous and unclassified.....percent..	19	19	1	1	61	65	13	14	1	1
Economic class of farm:										
Farms.....number..	3,919,701	1,460,426	2,742,484	1,050,521	1,177,217	409,905	1,845,066	883,844	1,425,693	706,774
I and II.....percent..	8	13	11	18			13	17	17	21
III.....percent..	13	16	19	22			23	20	29	25
IV.....percent..	17	17	24	25			20	22	26	27
V.....percent..	18	15	25	20			14	14	19	18
VI.....percent..	14	11	21	15			7	7	9	9
Part-time and abnormal.....percent..	12	10			41	36	11	8		
Residential.....percent..	18	18			59	64	12	12		
Distance to trading center:										
Farm operators reporting.....number..	3,828,834	1,401,676	2,695,546	1,016,791	1,133,288	384,885	1,803,366	846,012	1,400,415	688,132
Under 1 mile.....percent..	7	8	6	6	11	13	6	7	5	5
1 to 4 miles.....percent..	40	36	38	35	43	40	40	37	39	36
5 to 9 miles.....percent..	32	33	33	35	28	28	33	34	34	35
10 miles or more.....percent..	21	23	23	24	18	19	21	22	22	24
Median distance.....miles..	5.5	5.8	5.9	6.3	4.6	4.7	5.6	6.0	5.9	6.3
Kind of road on which located:										
Farm operators reporting.....number..	3,757,941	1,373,686	2,643,066	992,867	1,114,875	380,819	1,772,388	830,956	1,378,908	668,615
Hard surface.....percent..	31	35	29	33	35	39	35	37	33	35
Gravel, shale, or shale.....percent..	35	33	38	35	30	26	44	39	46	41
Dirt or unimproved.....percent..	34	32	33	32	35	35	21	24	21	24

¹See footnotes at end of table.

FARMS AND FARM PEOPLE

Table 7.—HOME FOOD-PRODUCTION PRACTICES AND FAMILY AND FARM CHARACTERISTICS OF COMMERCIAL AND OTHER FARM OPERATORS, BY PRESENCE OF HOME GARDENS, FOR THE UNITED STATES AND REGIONS; AND BY RACE IN THE SOUTH: 1950—Continued

[Data are based upon a sample. For a description of the sample and a statement of reliability of data, see page 3.]

Item	North and West—Con.					South				
	Other farms		All farms			Commercial farms			Other farms	
	With garden	Without garden	With garden		Without garden	With garden		Without garden	With garden	Without garden
			White	Nonwhite		White	Nonwhite			
Home food-production practices:¹										
Farms.....number..	419,373	177,070	1,629,390	445,245	576,582	998,993	317,798	343,747	757,844	232,835
With one or more milk cows.....percent..	55	46	75	50	55	79	48	58	67	51
Slaughtering:										
Hogs.....percent..	39	24	71	74	46	76	74	51	64	39
Cattle, excluding calves.....percent..	7	5	1	(³)	2	2	.....	2	(³)	1
Calves.....percent..	11	7	7	1	8	10	1	11	3	3
Cattle and/or calves.....percent..	17	(²)	9	1	9	12	1	(²)	3	(²)
Any cattle or hogs.....percent..	46	(²)	72	74	49	78	74	(²)	64	(²)
With chickens 4 months old and over on hand.....percent..	70	56	89	84	70	91	83	72	85	66
Tenure of farm:										
Farms.....number..	419,373	177,070	1,629,390	445,245	576,582	998,993	317,798	343,747	757,844	232,835
Full owners, part owners, and managers.....percent..	94	88	76	35	60	69	27	53	81	72
Tenants except croppers in the South.....percent..	6	12	17	29	24	21	29	26	14	19
Croppers in the South.....percent..	.....	.....	7	36	16	10	44	21	5	9
Average size of operator's family.....number..										
	3.9	3.6	4.1	5.0	4.1	5.8	5.1	4.1	4.3	4.1
Age of operator:										
Farm operators reporting.....number..	402,554	162,935	1,522,701	408,951	522,587	937,634	288,342	312,154	705,676	210,433
Under 25 years.....percent..	1	3	4	5	6	4	5	7	3	4
25 to 34 years.....percent..	13	15	15	18	19	15	19	21	15	17
35 to 44 years.....percent..	26	24	24	23	24	25	25	25	22	24
45 to 54 years.....percent..	23	24	22	23	20	23	23	20	23	19
55 to 64 years.....percent..	21	17	20	16	17	19	17	17	19	17
65 years and over.....percent..	16	17	15	15	14	14	11	10	18	19
Median age.....years..	48.9	48.8	48.2	46.5	45.2	47.4	45.2	44.0	49.5	47.4
Type of farm:										
Farms.....number..	419,373	177,070	1,629,390	445,245	576,582	998,993	317,798	343,747	757,844	232,835
Vegetable and fruit-and-nut.....percent..	3	4	2	1	2	2	1	2	2	1
Cash-grain.....percent..	5	6	2	1	7	3	1	10	(³)	1
Cotton.....percent..	.....	.....	21	54	27	30	68	39	10	10
Other field-crop.....percent..	1	1	16	17	12	23	23	17	4	4
Dairy.....percent..	10	4	6	1	4	8	1	7	3	1
Poultry.....percent..	11	3	4	(³)	3	4	(³)	2	3	3
Other livestock.....percent..	13	12	13	2	13	15	2	14	8	12
General farms.....percent..	6	7	11	3	5	14	3	7	5	2
Miscellaneous and unclassified.....percent..	51	63	25	21	27	1	1	2	65	66
Economic class of farm:										
Farms.....number..	419,373	177,070	1,629,390	445,245	576,582	998,993	317,798	343,747	757,844	232,835
I and II.....percent..	.....	.....	3	(³)	7	5	(³)	12	.....	.....
III.....percent..	.....	.....	6	2	9	10	2	15	.....	.....
IV.....percent..	.....	.....	14	10	12	23	13	20	.....	.....
V.....percent..	.....	.....	21	26	16	33	36	26	.....	.....
VI.....percent..	.....	.....	18	33	16	29	49	27	.....	.....
Part-time and abnormal.....percent..	49	37	14	8	14	.....	.....	.....	36	35
Residential.....percent..	51	63	24	21	26	.....	.....	.....	64	65
Distance to trading center:										
Farm operators reporting.....number..	402,951	162,880	(²)	(²)	555,664	(²)	(²)	333,659	730,337	222,005
Under 1 mile.....percent..	12	15	(²)	(²)	10	(²)	(²)	9	11	13
1 to 4 miles.....percent..	42	39	(²)	(²)	36	(²)	(²)	33	43	39
5 to 9 miles.....percent..	30	30	(²)	(²)	30	(²)	(²)	33	27	26
10 miles or more.....percent..	16	16	(²)	(²)	24	(²)	(²)	25	19	22
Median distance.....miles..	4.5	4.5	(²)	(²)	5.6	(²)	(²)	6.2	4.6	4.8
Kind of road on which located:										
Farm operators reporting.....number..	393,480	162,341	(²)	(²)	542,730	(²)	(²)	324,252	721,395	218,478
Hard surface.....percent..	45	48	(²)	(²)	31	(²)	(²)	30	30	32
Gravel, shell, or shale.....percent..	34	26	(²)	(²)	25	(²)	(²)	23	27	26
Dirt or unimproved.....percent..	21	26	(²)	(²)	44	(²)	(²)	47	43	42

¹Base of percent is total number of farms; no distinction is made between no report on item and operator not having item.²Data not available.³Percent not shown when less than 0.5.