

Agriculture

Farms (Series K 1-203)

K 1-203. General note.

Basic statistics on agriculture are, for the most part, prepared by the U.S. Bureau of the Census, which conducts the census of agriculture, and by the Statistical Reporting Service and the Economic Research Service of the U.S. Department of Agriculture, which prepare current estimates.

Annual agricultural statistics have been issued by the Department of Agriculture since May 1, 1863. Statistics compiled by the Statistical Reporting Service on crops, livestock and livestock products, agricultural prices, farm employment, and related subjects are based mainly on data obtained by mail and by personal interview of farmers and ranchers. Mailed questionnaires are returned from nearly three-quarters of a million respondents, mostly farmers. More than 50,000 farmers are interviewed to obtain agricultural data. They are located in almost all the counties in the United States and usually report on one or more items during a year.

Beginning 1840, a census of agriculture has been taken every 10 years and, beginning 1925, a mid-decade census of agriculture has also been taken. Census information was obtained by a personal canvass of individual farms until 1969, when for the first time the Census Bureau shifted to a questionnaire mailed to persons or organizations associated with agricultural operations in the Nation to be completed by them and returned by mail.

The first census was limited in scope. It included such items as an inventory of the principal classes of domestic animals, the production of wool, the value of poultry, the value of dairy products, and the production of principal crops. The number of farms and the acreage and value of farmland were first included in 1850 and information on farm tenure was first obtained in 1880. A detailed classification of farmland according to use was first obtained in 1925; in earlier censuses, farmland was classified only as improved land, woodland, and other unimproved land (see Chapter J). For brief discussions of the comparability of various agricultural data, census to census, see Bureau of the Census, *U.S. Census of Agriculture: 1969*, vol. II, chapter 1.

For each decade from 1840 through 1900, the census of agriculture was taken as of June 1. The five decennial censuses since then have been taken as of April 15, 1910; January 1, 1920; April 1, 1930, 1940, and 1950. The 1925, 1935, and 1945 quinquennial censuses of agriculture were taken as of January 1; the 1954, 1959, and 1964 censuses were taken during October and November. For the 1969 census the report forms were mailed to farm operators in the last week of December, 1969. The reports covered production and sales for the 1969 calendar year, with livestock inventories as of December 31, 1969. For 1969, data for farms with less than \$2,500 are based on a 50-percent sample of these farms.

The definition of a farm has varied as follows from census to census:

For the 1959, 1964, and 1969 censuses, census farms comprised places on which agricultural operations were conducted at any time under the control or supervision of one person, a partnership, or a manager. Places of less than 10 acres were counted as farms if the estimated sales of agricultural products for the year amounted or normally would amount to at least \$250. Places of 10 or more acres were counted as farms if the estimated sales of agricultural products for the year amounted or normally would amount to at least \$50.

For the 1954 Census of Agriculture, places of 3 or more acres were counted as farms if the annual value of agricultural products for sale or home use (exclusive of home-garden products) amounted to \$150 or more. Places of less than 3 acres were counted as farms only if the annual value of sales of agricultural products amounted to \$150 or more. Places for which the value of agricultural products for 1954 was less than these minimums because of crop failure or other unusual conditions and places operated for the first time in 1954 were counted as farms if normally they could be expected to produce these minimum quantities of agricultural products.

If a place had croppers or other tenants, the land assigned each one was considered a separate farm, even though the landlord handled the entire holding as one operating unit in respect to supervision, equipment, rotation practice, purchase of supplies, or sale of products. Land retained by the landlord and worked by him with the help of his family and/or hired labor was likewise considered a farm.

For the 1950 Census of Agriculture, the definition of a farm was the same as for 1954. For the 1945 and earlier censuses, the definition of a farm was somewhat more inclusive. For 1925-1945, farms included (1) places of 3 or more acres on which there were agricultural operations and (2) places of less than 3 acres if the agricultural products for home use or for sale were valued at \$250 or more. The only reports excluded from the 1925-1940 tabulations were those taken in error and those with very limited agricultural production, such as only a small home garden, a few fruit trees, a very small flock of chickens, etc. In 1945, reports for places of 3 acres or more with limited agricultural operations were retained only if (1) there were 3 or more acres of cropland and pasture or (2) the value of products in 1944 amounted to \$150 or more.

The definition of a farm in the 1910 and 1920 censuses was similar to that used from 1925 to 1940 but was even more inclusive. In those years, farms of less than 3 acres with products valued at less than \$250 were to be included provided they required the continuous services of at least one person. In 1900, there were no acreage or production limits. Market, truck, and fruit gardens, orchards, nurseries, cranberry marshes, greenhouses, and city dairies were to be included provided the entire time of at least one person was devoted to their care. For 1870, 1880, and 1890, no tract of less than 3 acres was to be reported as a farm unless \$500 worth of produce was sold from it during the year. For 1860, no definition was given the enumerators. For 1850, no acreage qualification was given, but there was a lower limit of \$100 for value of products.

K 1-3. Farm population, 1880-1970.

Source: 1880-1900, U.S. Bureau of the Census, Technical Paper No. 3, *Farm Population: 1880 to 1950*; 1910-1970, U.S. Department of Agriculture, Economic Research Service, *Farm Population Estimates, 1910-70*, Statistical Bulletin No. 523.

The estimates presented relate to the rural civilian population living on farms, regardless of occupation. For convenience, the term "farm population" is used without qualification, although the relatively few members of the Armed Forces living on farms are excluded. Beginning 1960, the farm population has been defined as all persons living in rural territory on places of 10 or more acres, if as much as \$50 worth of agricultural products were sold from the place in the reporting year. It also includes those living on places of

under 10 acres, if as much as \$250 worth of agricultural products were sold from the place in the reporting year. Prior to 1960, no specific criteria of acreage operated or value of products sold from a place were used to classify farm population. The change in definition in 1960 was largely stimulated by the fact that an increasing number of families whose livelihood was not gained directly from agriculture were living in the open country.

In the farm population, where the flow of migrants is responsive to many influences such as employment opportunities, mechanization, and technological advancements, migration becomes the dominant factor in population change, rather than the balance of births and deaths. Net change through migration, series K 3, includes not only those persons who made a physical move from farm to non-farm areas, but also the loss that occurred when agricultural operations ceased on a place, and the occupants of the related dwelling units were reclassified from farm to nonfarm. Although exact figures are not available, actual migration is considered to be the larger of these two components.

The farm population estimates are based on data obtained from three principal sources: (1) The Current Population Survey (CPS) of the Bureau of the Census, which provides the annual estimate of the U.S. farm population; (2) the censuses of population, from which benchmark data for States, geographic divisions, and regions are derived; and (3) annual surveys of the farm population, conducted for the Economic Research Service by the Statistical Reporting Service, on which annual estimates of geographic distributions are based for intercensal years, and from which estimates of components of farm population change are derived annually. The Economic Research Service and its predecessor agencies conducted an annual survey of the farm population and its components of change from 1923 to 1969. Utilizing USDA's crop reporting system, reports were collected through a mailed questionnaire. Respondents reported on the number of persons who were living on their own and neighboring farms at the beginning and end of a specified 12-month period. They also reported on births, deaths, and changes through migration which occurred during this period.

Farm population estimates are based on USDA mailed-questionnaire survey data, tied to benchmark figures from complete censuses, and adjusted to total estimates of farm population obtained from the CPS. The reliability of these estimates is dependent upon the reliability of the U.S. estimate and the mail survey data. Annual estimates of the U.S. total farm population are obtained from the CPS. As these estimates are based on a sample, they may differ somewhat from figures obtained if a complete census had been taken using the same schedules, instructions, and enumerators. As in any survey work, the results are subject to error of response and of reporting as well as to sampling variability. The reliability of data from the mail survey alone cannot be assessed in terms of sample error. Reliability depends in part upon State-to-State variations in the size and representativeness of the mailing list, as well as upon variations in rate, representativeness, and accuracy of returns. In general, it should be noted that small figures, small changes, and trends over a short period of time may have less reliability than larger numbers and changes and trends over a period of several years.

K 4. Number of farms, 1850-1970.

Source: Census years, U.S. Bureau of the Census, *U.S. Census of Agriculture, 1964, General Report*, vol. II, p. 15, and *U.S. Census of Agriculture, 1969*, vol. II, chapter 3, p. 23; intercensal years, U.S. Department of Agriculture, Statistical Reporting Service, *Number of Farms, 1910-1959—Land in Farms, 1950-1959, by States*, Statistical Bulletin No. 316, *Number of Farms and Land in Farms, 1959-1970*, Statistical Bulletin No. 507, and annual supplements.

Comparability of data for census years is affected by varying degrees of underenumeration and by changes in definition of a farm (see general note for series K 1-203). Estimates for intercensal years

are based on trend and indications of change in acreage and livestock surveys, in annual assessors' censuses in a number of States, in Agricultural Stabilization and Conservation records, and in other miscellaneous verifying data.

Data for Alaska and Hawaii are included except as noted.

K 5-9. Land in farms, 1850-1970.

Source: Census years, see source for series K 4; intercensal years, see source for series K 4 except 1911-1949, U.S. Department of Agriculture, unpublished data obtained by straight-line interpolations.

The acreage in each farm was allocated by the farm operator among the various land-use categories. Any acreage which had two or more uses during the year was classified according to the first use on the report form. For example, if a crop was harvested from an acreage and the same acreage was then pastured, the acreage was included as land from which crops were harvested but not as pasture.

Cropland includes cropland harvested, cropland used only for pasture, and all other cropland. Cropland harvested includes land from which crops were harvested; land from which hay (including wild hay) was cut; and land in small fruits, orchards, vineyards, nurseries, and greenhouses. Cropland used only for pasture includes all land used only for pasture or grazing that could have been used for crops without additional improvement, and all land planted to crops that was pastured before the crops reached maturity. All land used for rotation pasture and land in government diversion programs which was pastured is included. All other cropland includes cropland used only for soil improvement crops, land on which all crops failed, cultivated summer fallow, idle cropland, and land planted to crops to be harvested after the year covered by the census.

Pastureland includes land not classified as either cropland or woodland.

Information on farmland values in scattered local areas is found in P. W. Bidwell and J. I. Falconer, *History of Agriculture in the Northern United States, 1620-1860*, pp. 70-71, 242, and 328. Similar information for Southern States is found in L. C. Gray, *History of Agriculture in the Southern United States to 1860*, vol. I, pp. 403-406, and vol. II, pp. 640-645.

Data for Alaska and Hawaii are excluded except as noted.

K 10. Total value of selected items of farm property, 1850-1970.

Source: Census years, U.S. Bureau of the Census, *U.S. Census of Agriculture: 1935*, vol. III, chapter I, table 12, and chapter V, table 2; intercensal years, U.S. Department of Agriculture, Economic Research Service, compiled from *The Balance Sheet of Agriculture* and its successor, *The Balance Sheet of the Farming Sector*, annual issues, and *Farm Real Estate Market Developments*, annual issues and supplements.

Current market values of farm real estate, machinery and equipment, and livestock are combined in this series. Estimates of the value of farm real estate are based upon census reports and the annual index of farm real estate values, as described in series K 16. Inventory values for machinery and equipment and for livestock are based in part on census reports and supplemental estimates made by the Statistical Reporting Service and Economic Research Service.

K 11, 14, 15. Value of farmland and buildings, 1850-1970.

Source: Census years, U.S. Bureau of the Census, *U.S. Census of Agriculture, 1964, General Report*, vol. II, p. 22, and *U.S. Census of Agriculture, 1969*, vol. II, chapter 2, p. 20; intercensal years, U.S. Department of Agriculture, Economic Research Service, *Current Developments in the Farm Real Estate Market*, issued annually and sometimes biennially, and its successor, *Farm Real Estate Market Developments*, annual issues and supplements.

Figures for intercensal years are estimates derived by applying the change in the index of average value of land and buildings per acre to census benchmarks, recognizing changes in acres of land in farms. All farm operators were asked to estimate the market value of their farms in each census from 1850 through 1969. In the 1950, 1954, 1959, and 1964 censuses, data were obtained from all large farms and from a 20-percent sample of other farms. In the 1969 census, all operators who received a form were asked to estimate the present market value of land and buildings.

Average value of land and buildings per farm is obtained by dividing the total value shown by the number of farms, using rounded data.

Average value of land and buildings per acre is obtained by dividing the total value shown by the acres of land in farms, using unrounded data.

Data for Alaska and Hawaii are excluded except as noted.

K 12. Value of farm implements and machinery, 1850-1970.

Source: 1850-1900, U.S. Bureau of the Census, *Thirteenth Census, 1910, Agriculture*, vol. V, p. 51; 1910-1939, U.S. Department of Agriculture, Agricultural Marketing Service, unpublished data; 1940-1970, Economic Research Service, *The Balance Sheet of Agriculture, 1957, 1967, and 1968*, and *The Balance Sheet of the Farming Sector, 1971*.

Figures for 1910-1970 represent inventory value at the beginning of the year. They are closely tied to the values presented in the censuses of agriculture, the figures for intercensal years being estimated from information on manufacture and sales with due allowance for wear and tear and then adjusted for changes in price levels.

The data for 1850-1900 are not entirely comparable. They covered periods of vastly different price levels and attendant investment values, including the period of expansion into the West. According to the source, however, "the data are sufficiently comparable to indicate in a broad way the agricultural progress of the country . . ."

K 13. Value of farm livestock, 1870-1970.

Source: U.S. Department of Agriculture, Statistical Reporting Service, *Agricultural Statistics, 1952, 1967, and 1972* editions.

Data cover all cattle, hogs and pigs, and stock sheep.

K 16. Index of average value of farm real estate per acre, 1912-1970.

Source: U.S. Department of Agriculture, Economic Research Service, *Farm Real Estate Market Developments*, August 1971, p. 48.

See also *Major Statistical Series of the U.S. Department of Agriculture*, Agriculture Handbook No. 365, vol. 6, for a more complete description of methods used and limitations.

This index, which is available also by States, is designed to measure changes in the market value of farm real estate, including land, buildings, and such other permanent improvements as are customarily included when farms are sold. The index is constructed from estimates of average value of farm real estate per acre obtained from the regular crop reporters of the Department of Agriculture. It is not based upon the value of farm real estate obtained in the census. Between 15,000 and 20,000 reporters supply estimates of the market value of farms per acre in their localities as of March 1 and November 1. Although they undoubtedly base their estimates in part upon actual sales, no sales data are used directly in computing the index. Averages for crop-reporting districts are weighted by acres of land in farms as taken from the 1945, 1950, 1954, 1959, 1964, and 1969 censuses to obtain weighted State averages which are, in turn, weighted by acres of land in farms to obtain regional and national averages. The weighted dollar values per acre are then expressed as index numbers.

Data for Alaska and Hawaii are excluded.

K 17-81. Farm population, farms, land in farms, and value of farm property and farm products sold, by State, 1850-1969.

Source: Farm population and number of farms, see source for series K 1-3. All other items, U.S. Bureau of the Census, *U.S. Census of Agriculture: 1925*, Summary Statistics, by States; *1945*, vol. II; *1950*, vol. II; *1954*, vol. II; *1959*, vol. II; *1964*, vol. II; and *1969*, vol. II.

See text for series K 4-16.

Data for the value of farm products sold in 1969 were obtained by direct questioning. This procedure was a departure from the one used in previous censuses, in which data on value of sales were obtained by enumeration for some products and by estimation for others.

For 1969, value of farm products sold excludes income which the farm operator and members of his family received from providing hunting, fishing, picnicking, camping, boarding and lodging, or other recreational services on his farm; for 1964 and prior censuses, recreation income was included. The value of farm products sold does not include government payments received by farm operators for participation in wheat, feed grains, and other government programs.

K 82-108. Characteristics of farm operators, 1880-1969.

Source: U.S. Bureau of the Census, *U.S. Census of Agriculture: 1964*, vol. II, chapter 5, and *1969*, vol. II, chapter 3.

The term "farm operator" is used to designate a person who operates a farm, either doing the work himself or directly supervising the work. He may be the owner, a member of the owner's household, a salaried manager, or a tenant, renter, or sharecropper. If he rents land to others or has land worked on shares by others, he is considered as operator only of the land which he retains for his own operation. In the case of a partnership, only one partner is counted as an operator. For census purposes the number of farm operators is the same as the number of farms. A farm operator may spend a few hours a week on a "farm" producing only a few hundred dollars worth of farm products while partly or fully employed elsewhere, or be working full time as operator of a "farm" producing hundreds of thousands of dollars worth of farm products a year.

Classification by race of the farm operator was first made in the census of 1900. Since 1900, the race classification has consisted of two major groups, "white" and "all other," and for a limited number of items, a more detailed breakdown by race. The detailed breakdown, since 1954, has provided for a separate count of Negro and other races. For decennial censuses prior to 1954, separate totals are available for Negro, Indian, Chinese, Japanese, Filipino, and other races.

Farm operators were classified by residence on the basis of their reporting whether or not they lived on the farm operated. Data as to residence of the farm operators have been collected for the last seven censuses of agriculture, beginning with 1940. Except for 1964, when the instructions were to include operators who lived on the farm "any time" during the year, the inquiries have been similar and no time limitations were used. The instructions used for 1964 did not have a significant effect on the comparability of the 1964 data with other censuses.

Data on age of farm operators have been obtained in each of the decennial censuses beginning with 1910 and also in the censuses of agriculture for 1945, 1954, 1959, 1964, and 1969. No data on age of operators were obtained in the censuses of 1925 and 1935. For both 1964 and 1969, the operator's age was imputed if it was not reported. Tabulated data for 1964 and 1969, therefore, show an age for each farm operator. The number of operators for which age was not reported are shown for prior censuses. Average age of operators was tabulated in 1945 and 1954 through 1969.

The data for years on present farm reflect the continuity of operators on particular farms. They do not refer to years of farm experience. Information for years on farm has been obtained for each census of agriculture beginning with 1910. In the censuses of 1925, 1930, and

1950 through 1964, the inquiry called for the month as well as the year of occupancy. For 1935, 1940, and 1945, only the year of occupancy was asked. The report forms for 1910 and 1920 asked for the number of years and months the operator had operated the farm occupied at the time of the census. For each census, the data for years on farm have been summarized by groups of "years on present farm." The number of years or months comprising these groups of "years on present farm" have not always been the same, largely due to changes in the date of census enumeration. The group "less than 5 years" has been subdivided for some censuses. The difference between censuses in elapsed time from the beginning of the calendar year to the date the census reports were completed affects the data for the year-on-present-farm group "less than 5" years more than for groups "5 to 9" years and "10 or more" years.

Information on work off the farm by farm operators has been obtained for each agriculture census beginning with 1930. Farm operators reporting off-farm work vary from those who supplement their farm incomes with odd or spare-time jobs to those operators who have regular nonfarm jobs and use the farm to supplement their regular income or as a residence. The operators with odd or spare-time jobs usually consider their nonfarm employment to be of secondary importance; they may work part time on someone else's farm or work at seasonal nonfarm jobs. Many persons who may be employed in cities or have other regular nonfarm jobs live in rural areas and conduct sufficient agricultural operations for their places to meet the definition of a farm. Some use the farm income to supplement their regular nonfarm income. Some farm operators working off their farms may be using their nonfarm income as a source of capital for expanding their farming operations. For 1964 and 1969, data are tabulated only for those operators reporting one or more days of work off the farm. For 1959, farm operators reporting "none" for days of work off farm and those not reporting off-farm work were not tabulated separately. For 1930 through 1954, data are given separately for farm operators reporting "none" for days of work off farm.

For the most part, data from the 1969 census and earlier censuses are comparable. However, a difference in timing and the change from personal interview to mail enumeration affect the comparability of some of the 1969 data with those from earlier censuses. The 1969 census forms were mailed just prior to January 1, 1970. Extensive mail, telephone, and enumerator followup procedures extended the data-collection phase through September 1970. Prior censuses were taken by enumerators, each assigned to a specific geographic area. Field work for the 1964 census was completed largely in November and December 1964, while most of the field work for 1959 was accomplished during October and November. In censuses prior to 1959, the time of enumeration varied from late fall to April 1 to January 1 and even to June 1.

K 109-153. Farms, by race and tenure of operator, and acreage and value, by tenure of operator, 1880-1969.

Source: U.S. Bureau of the Census, *U.S. Census of Agriculture: 1954*, vol. II, pp. 956 and 958; and *1969*, vol. II, chapter 3, pp. 11 and 14.

See also text for series K 17-81.

Data on farm-operator status were not obtained until the census of 1880. Studies of land tenure before 1860 are based, necessarily, upon fragments of information. See Bidwell and Falconer's *History of Agriculture*. . . , and Gray's *History of Agriculture*. . . (see text for series K 5).

The 1900 Census of Agriculture covered the ownership of rented farms, with particular reference to absentee ownership and the concentration of ownership. On a sample basis, the Department of Agriculture made a study of ownership of rented farms in 1920; the results were published as *Bulletins 1432 and 1433*. The Bureau of the Census and the Department of Agriculture cooperated on sample

surveys in 1945, 1950, and 1954 which were designed to show the portion of all farmland owned by each major class of owner. The results of these studies were published in Department of Agriculture, *Agricultural Economics Research*, vol. V, No. 4, 1953, and in Agricultural Research Service and Bureau of the Census, *Graphic Summary of Tenure, 1954*. A complete study of farmland ownership in the United States was made in 1945 and published as Department of Agriculture, *Miscellaneous Publication No. 699*.

In 1916, the Bureau of the Census published *Plantation Farming in the United States* from a 1910 census study of plantations in 325 selected counties in 11 Southern States. In the selected plantation area, 39,073 plantations were reported as having 5 or more tenants. Another study of plantations was made in connection with the 1940 census, but the results were not published. In 1947, the Bureau of the Census published *Multiple Unit Operations* from a study made in connection with the 1945 Census of Agriculture. The Bureau has also published volumes on multiple unit operations from the 1950 and 1954 censuses of agriculture. In 1924, the Bureau of Agricultural Economics issued *Department Bulletin 1269*, the results of a study by C.O. Brannen, *Relation of Land Tenure to Plantation Organization*.

For the censuses of 1880 and 1890 only the number of farms was classified by tenure. Classifications by the race of the farm operator and crossclassifications by race and tenure were first made in the census of 1900.

A farm operator, according to the census definition, is a person who operates a farm, either performing the labor himself or directly supervising it. The census definition of a farm is based on operating units, rather than ownership tracts. A farm may consist of a number of separate tracts held under different tenures, some owned and some rented. Similarly, when a landowner has several tenants, renters, or croppers, the land operated by each is considered a separate farm. Therefore, the number of farm operators, for all practical purposes, is identical with the number of farms, series K 8, and these items are used interchangeably.

In the race classification of farm operators, Mexicans are reported as white. The Negro and other race group includes Negroes, Indians, Chinese, Japanese, and other races not classified as white.

Each farm was classified according to the tenure under which the operator controlled the land. Land was considered owned if the operator or his wife held it under title, homestead law, purchase contract, or as one of the heirs or as trustee of an undivided estate. If both an owned and a rented tract were farmed by the same operator, the tracts were to be considered as one farm even though they were not contiguous and each was locally called a farm. Farm operators were classified as (a) full owners who own all the land they operate; (b) part owners who own a part and rent from others the rest of the land they operate; (c) managers who operate farms for others and receive wages or salaries for their services (persons acting merely as caretakers or hired laborers were not classed as managers, and farms operated for institutions or corporations were considered to be managed even where no person was specifically indicated as being employed as the farm manager); in the 1969 census, managers were no longer classified separately because of the difficulty in identifying managed farms in the mail enumeration procedures used; farms which may have had a manager were classified by tenure based on the tenure of the individual, partnership, or firm which hired the manager and controlled the land; (d) tenants who operate hired or rented land only. Croppers are share tenants to whom landlords furnish all of the work animals or tractor power in lieu of work animals. Croppers were first classified separately in the 1920 census.

In the 1920, 1925, and 1930 censuses, croppers were defined as share tenants whose landlords furnished the work animals. The 1935 census schedule carried no inquiry on the method of paying rent and, therefore, croppers for that year included all tenants whose landlords furnished the work animals. The furnishing of tractor power was not taken into account in classifying croppers until the 1940 census.

The greatest difficulties in making a classification by tenure resulted

from the sharecropper system. Briefly, the question involved was whether the sharecropper should be considered merely a type of laborer or a farm operator. In reality, croppers had some of the characteristics of both laborers and tenants. Because of the decreasing importance of the cropper system in the South, croppers have not been classified separately since 1959.

K 154-161. Mortgaged farms—number, acreage, value, and amount of indebtedness, by tenure of operator, 1930-1966.

Source: U.S. Bureau of the Census and U.S. Department of Agriculture, Agricultural Research Service, *U.S. Census of Agriculture: 1954*, vol. III, pt. 5; *1959*, vol. V, pt. 4; and *1964*, vol. III, pt. 4.

Information on the number of mortgaged farms has been collected by both the Bureau of the Census and the Agricultural Research Service, or more recently, the Economic Research Service. Generally speaking, such data have been published with the data on amount of debt in census years, except in 1900 when no information on amount of debt was obtained. For a historical summary and an analysis of the data on number of mortgaged owner-operated farms for 1890-1935, see "Number and Percentage of Farms Under Mortgage," *Agricultural Finance Review*, vol. 1, No. 2, November 1938. The sources cited above also include State data on the number of mortgaged farms in each tenure class for 1940, 1945, 1950, 1956, and 1961.

Farm-mortgage debt includes the unpaid principal of mortgages, deeds of trust, sales contracts, vendors' liens, and all other debt for which farm real estate is pledged as security. Any farm which has a real estate mortgage is classified as a mortgaged farm even though only a portion of it is mortgaged.

Estimates for 1930-1961 are based on information obtained in the Census of Agriculture for owner-operated farms, mail surveys of samples of farm owners (including both operators and landlords), and reports from farm-mortgage lenders.

For each of the years shown, mortgage information was obtained from full-owner farm operators in the census of agriculture. Similar information was obtained by the Bureau of the Census for part owners for 1940, 1945, 1950, 1956, and 1961. This information was supplemented by data obtained in mail surveys for land operated by part owners, tenants, and managers. The 1930 mail survey was conducted by the Bureau of Agricultural Economics. Later surveys were cooperative undertakings of the Bureau of the Census and the Bureau of Agricultural Economics or the Agricultural Research Service.

Data for 1966 were collected in a supplementary survey for the 1964 Census of Agriculture of approximately 16,000 farms. The survey was taken in 1966 and the farms included in the survey were selected from the 1964 Census of Agriculture and from the records of the coverage evaluation survey for the 1964 Census. Comparable data for the tenure breakdown for 1966 are not available because of procedures used in the processing of the data.

For information by States and geographic divisions and descriptions of procedures, see the sources cited, and *U.S. Census of Agriculture: 1950*, vol. V, pt. 8, and *1959*, vol. V, pt. 4.

See also text for series K 109-153 for definition of tenure.

K 162-173. Farms and land in farms, by size of farm, 1880-1969.

Source: U.S. Bureau of the Census, *U.S. Census of Agriculture: 1954*, vol. II, pp. 352-354, *1959*, vol. II, pp. 390 and 392, and *1969*, vol. II, chapter 2, pp. 65-69.

See general note for series K 1-203 for changes in definition of farm.

K 174-176. Farm employment, 1910-1970.

Source: U.S. Department of Agriculture, Statistical Reporting Service (SRS), 1910-1928, *Farm Employment*, Statistical Bulletin No. 334, July 1963; 1929-1969, *Agricultural Statistics, 1967* and *1971* issues; 1970, *Farm Labor*, January 1972.

For detailed descriptions of farm employment concepts, see *Major Statistical Series of the U.S. Department of Agriculture*, Agriculture Handbook No. 365, vol. 7, pp. 7-12. See source publications for regional, State, and monthly data.

These data are based on (1) data from the census of population used as benchmarks for 1910, 1920, and 1930, and data from the census of agriculture used for 1940, 1950, 1954, and 1959; (2) nationwide annual sample surveys made by SRS since 1965; (3) estimates of farm employment from nationwide enumerative sample surveys made at intervals during 1945-1948, together with historical data on the seasonal distributions of man-hour labor requirements in farm production, used to develop measures of seasonal variation; (4) returns from the crop reporters of the monthly mailed questionnaire on employment on farms, available since 1925; and (5) annual estimates of the number of farms by States and regions used to expand "adjusted" average employment per farm to obtain regional and national estimates of total farm employment and of the family and hired worker components of the total.

Family workers include working farm operators, plus members of their families who did unpaid farmwork or chores for 15 hours or more during the survey week. All persons working one hour or more during the survey week for pay at farmwork or chores are classified as hired farmworkers. Members of the operator's family receiving wages for work on their farms are counted as hired workers. Sharecroppers are considered family workers when working on their own crops but are classified as hired workers when doing farmwork for pay off their tracts. A person employed as both a family worker and a hired worker during the survey week on the same farm is counted as a hired worker. The survey week is the last complete calendar week in the month, but when that week includes the last day of the month the survey week is the next to the last full calendar week.

The average number of hired and family workers per farm is computed for the reporting farms for conterminous United States. The averages are then adjusted by factors based on comparisons with the last census level, labor requirements data, and the estimated seasonal pattern of employment based on the latest census and special studies in selected States. The adjusted averages are then multiplied by the estimated number of farms in each State to estimate the number of family and hired workers employed. Data from the census, State assessors' reports, Agricultural Stabilization and Conservation records, and indications of change from the larger acreage and livestock surveys are used in estimating the number of farms. Annual averages of employment are simple averages of last-of-month employment estimates.

Farm employment data were first collected through crop reporters in October 1923. In 1938, the National Research Project of the Works Progress Administration developed monthly farm employment estimates for 1925-1936 from the crop reporter data. See E. C. Shaw and J. A. Hopkins, *Trends in Employment in Agriculture, 1909-1936*, Works Progress Administration, Philadelphia, November 1938. Monthly estimates have been made by the Agricultural Marketing Service and the former Bureau of Agricultural Economics from crop reporter data for 1936-1970, using the methods developed in the Works Progress Administration project, plus certain recent refinements. Following the 1950 Census of Agriculture, the entire historical series was reexamined and revised. Data for 1950-1970 reflect revisions following the 1959 and 1964 censuses of agriculture and enumerative area surveys made by SRS.

K 177-181. Farm wage rates, 1866-1970.

Source: U.S. Department of Agriculture, 1866-1909, Bureau of Agricultural Economics, *Farm Wage Rates, Farm Employment, and Related Data*, January 1943 (processed); 1910-1947, Agricultural Marketing Service, *Farm Labor*, January 1958; 1948-1969, Statistical Reporting Service (SRS), *Agricultural Statistics, 1967* and *1971* issues; 1970, *Farm Labor*, January 1972.

Information on farm wages prior to 1866 is scattered; it consists of individual records or covers only certain States rather than the entire country. See Department of Agriculture, Bureau of Statistics, *Wages of Farm Labor in the United States*, Miscellaneous Series, Report No. 4, 1892; same agency's *Wages of Farm Labor*, by George K. Holmes, Bulletin 99, 1912; and T. M. Adams, *Prices Paid by Vermont Farmers for Goods and Services and Received by Them for Farm Products, 1790-1940*; see also Vermont Agricultural Experiment Station Bulletin 507, *Wages of Vermont Farm Labor, 1780-1940*, Burlington, February 1944.

The first investigation made by the Department of Agriculture of wage rates for hired farm workers was in 1866. In the next 44 years, 18 similar studies were made at irregular intervals. Then, for 1909-1923, inquiries were made annually and, since 1923, quarterly. In these surveys, questionnaires were sent to the voluntary crop reporters.

For 1866-1909, crop reporters were requested to estimate the average wages in the locality for the year. Sometimes the inquiry was made in the spring and sometimes in the fall or winter. When it was made in the spring, the year to which the annual average refers is uncertain. For this reason, a dual date is designated for certain of these years as, for example, "1874 or 1875." In each of these 19 investigations, wage rates per day were obtained separately for harvest work and other work. The data published here for 1866-1909 are the day rates for "other than harvest work."

The monthly wage rates, series K 178-179, shown for 1866-1909 are not strictly comparable throughout this period. For 1866-1890, monthly wage rates shown are for workers hired by the year. In addition, in the first three of the aforementioned inquiries, crop reporters were asked for monthly rates paid to workers hired for the season, which are published by Holmes (see above). For 1891-1909, the monthly rate requested was on a combined annual and seasonal basis. In 1909, the distinction was again made, but the two types of monthly rates were averaged. The weighted average (revised) is published here. For the original averages of the monthly rates for workers hired by the year and for those hired by the season, see Holmes, *Wages of Farm Labor*, referred to above. For 1866-1909, wage rates requested were those paid to men doing outdoor work. In 1902, 1906, and 1909, rates paid women for domestic work on farms were also requested.

Data from the 19 wage inquiries were published in 4 bulletins by the Bureau of Statistics of the Department of Agriculture—Nos. 4 (1892), 22 (1901), and 26 (1903) of the "Miscellaneous" series, and Bulletin 99 (1912) of the Bureau of Statistics series. In the first 3 bulletins, the rates were published without reducing currency to gold values, since the monetary system was not on a gold basis; but in Bulletin 99 and in subsequent reports the wage rates for the period of inflated currency values following the Civil War were reduced to gold values. In Bulletin 99 the weighting system, which was not uniform for all previous surveys, was revised and wage-rate data for all 19 surveys were recomputed. The number of male agricultural laborers in each State, as reported by the census of occupations, was used as the weight to obtain United States and major region averages from State average wage rates.

For 1909-1923, annual inquiries on farm wage rates in their localities were made of crop reporters. They were asked about monthly rates with and without board; and about daily rates with and without board "at harvest" and for "other than harvest labor." In 1923, to give an overlap for linking purposes, a quarterly inquiry was initiated. The new quarterly series eliminated the distinction between day rates for harvest work and for nonharvest work; it changed the time reference of day rates to "average wage rates being paid to hired labor at the present time in your locality," with an additional instruction to include in the estimates of day rates "average daily earnings of piece workers." The new rates obtained after 1923 are probably more nearly comparable with the old daily wage rates for "other than harvest work" than they are with either the old daily rates for harvest work or with a combination of the two types of daily rates.

For 1923-1948, the questions asked crop reporters on wage rates continued in almost exactly the same form. In 1948, the wage rate series was changed to include more different kinds of rates and to specify more clearly the perquisites received in addition to cash wages. Value of perquisites is not included in wage rates obtained—they are cash rates only. The types of rates currently obtained are as follows: Per month with board and room, per month with house (no meals), per week with board and room, per week without board or room, per day with board and room, per day with house (no meals), per day without board or room, per hour with house (no meals), and per hour without board or room.

Rates for 1949-1970 are not exactly comparable with rates for previous years. They only approximate the rates denoted in the series headings and represent averages for each type of rate obtained.

Average rates based on data reported by crop reporters are published quarterly and annually in Statistical Reporting Service, *Farm Labor*, but annually only in the Department of Agriculture, *Agricultural Statistics*. The annual average rates are averages of the quarterly averages weighted by the number of hired farm workers employed each quarter.

Since employment data are for approximately the last week of the month and wage rates are usually reported a few days before the end of the month, they must be weighted to center on July 1 (the midpoint in the calendar year) in computing an annual average. The annual average is a 5-quarter average based on data for January of the current year and January of the following year. The use of only the January current year data would not properly weight the changes after October 1, especially when rates are rising or falling significantly.

K 182. Farmers' expenditures for hired labor, 1910-1970.

Source: U.S. Department of Agriculture. 1910-1924, Agricultural Marketing Service, *The Farm Income Situation*, July 1958 (No. 174); 1925-1928, Economic Research Service, same publication, July 1968 (No. 211); 1929-1970, Statistical Reporting Service, *Agricultural Statistics*, 1967 and 1971 issues.

Data for census years are from the Bureau of the Census; intercensal year figures are Economic Research Service estimates. For a detailed description of concepts and methods, see *Major Statistical Series of the U.S. Department of Agriculture*, Agriculture Handbook No. 365, vol. 3.

Estimates of farmers' total expenditures for hired labor are available for 1929 and since 1949 for individual States. The total farm labor bill is divided between cash, which accounts for about nine-tenths of the total, and the value of board and lodging and other wages in kind. Such perquisites of hired workers are valued at the estimated cost to operators, not at prices that workers would have to pay if the same items were purchased elsewhere. It is also necessary to distinguish wages paid to hired workers who live on farms from those paid to nonresident hired workers.

K 183. Index, man-hours of labor used for farmwork, 1910-1970.

Source: U.S. Department of Agriculture, Economic Research Service (ERS). 1910-1949, compiled by ERS; 1950-1970, *Changes in Farm Production and Efficiency*, Statistical Bulletin No. 233, 1971 issue.

Man-hours of labor used in farming are estimated by applying regional average man-hours per acre of crops and per head or unit of production of livestock to the official estimates of acreages and numbers made by the Statistical Reporting Service.

Time for farm maintenance or general overhead work is calculated separately and added to the direct hours for crops and livestock to obtain the total number of man-hours. Annual man-hours per acre or per head are estimated by interpolating between or extrapolating from benchmarks.

Benchmarks are estimates of labor used per acre and per head in each State converted to a geographic-division basis.

The interpolation of numbers of man-hours per acre or per animal between benchmarks and extrapolation beyond benchmarks are modified by several factors. For crops, these include such items as yields per acre, utilization of the crop, methods of harvest, and source of power as indicated by numbers of tractors and work stock on farms. For livestock, the modifiers include such factors as size of enterprise, production per animal, and extent of different methods and practices followed.

For more detailed explanation, for the aggregate man-hours upon which the indexes are based, and for other more detailed data, see *Major Statistical Series of the U.S. Department of Agriculture*, Agriculture Handbook No. 365, vol. 2.

K 184-191. Farm machinery and equipment, 1910-1970.

Source: U.S. Department of Agriculture, Economic Research Service, *Changes in Farm Production and Efficiency*, Statistical Bulletin No. 233, July 1964 and June 1971 issues.

Census counts of tractors, automobiles, and motortrucks were first made in the 1920 Census of Agriculture; of grain combines and farms with milking machines in the 1945 census; of cornpickers and pickup balers in the 1950 census; and of field forage harvesters in the 1954 census. Estimates for intercensal years and before census data were available are as of January 1.

Before 1950, figures of machines shipped by manufacturers for farm use, with an allowance for disappearance, were used mainly as the basis for these estimates. Figures for automobiles and motortrucks were based on annual registrations for a limited number of agricultural States, and a few special sample surveys that were nationwide. Since 1950, the annual series is based on census counts, production, imports and shipments of machines, survey data (mainly a questionnaire to Statistical Reporting Service crop reporters in February), trends in census data, and estimated annual discard rates.

K 192. Farmers' expenditures for fertilizer and lime, 1909-1970.

Source: U.S. Department of Agriculture. 1909-1929, Agricultural Marketing Service, *The Farm Income Situation*, July 1958 (No. 174); 1930-1970, Economic Research Service, *Farm Income Situation*, July 1971 (No. 218).

For a detailed discussion of concepts, coverage, and methods, see *Major Statistical Series of the U.S. Department of Agriculture*, Agriculture Handbook No. 365, vol. 3.

K 193. Commercial fertilizer consumed in U.S., 1850-1970.

Source: U.S. Department of Agriculture, 1850-1944, Agricultural Research Service, *Statistics on Fertilizers and Liming Materials in the United States*, Statistical Bulletin No. 191, April 1957; 1945-1969, Statistical Reporting Service, *Consumption of Commercial Fertilizer and Primary Plant Nutrients in the United States*, Statistical Bulletins No. 375 and No. 472, June 1966 and June 1971; 1970, Statistical Reporting Service, *Commercial Fertilizers—Consumption in the United States*, Sp. Cr. 7 October 1971.

Commercial fertilizer includes any substance containing nitrogen (N), phosphoric acid (P_2O_5), potash (K_2O), or any other recognized plant-food element or compound, such as lime (CaO), magnesia (MgO), boron (B), etc., which is consumed primarily for the purpose of supplying plant food to crops, excluding barnyard manures but including dried animal manures sold commercially. Ground phosphate rock, gypsum, sulfur, borax, copper sulfate, manganese sulfate, zinc sulfate, cottonseed meal, dried blood, animal tankage, etc., are included when sold to farmers for plant food, but are excluded when sold as fungicides, animal feeds, or for any other purpose than for plant food. Limestone, dolomite, magnesia, etc., are included when used as components of mixed fertilizers but excluded when sold as soil amendments (materials used to change the physical properties or the acidity of the soil rather than to supply plant food).

The data refer to all commercial plant food, including that dis-

tributed by the Agricultural Stabilization and Conservation Service in its soil-building program and that used by the Tennessee Valley Authority in test demonstrations.

For 1920 to 1944, the data relate to consumption only in conterminous United States; for 1850-1919 and 1945-1970, they include consumption in Alaska, Hawaii, and Puerto Rico. The total consumption in these outlying areas increased from about 3,000 tons in 1890 to 52,000 in 1900, 93,000 in 1910, 120,000 in 1920, 254,000 in 1930, 321,000 in 1940, 366,000 in 1950, 376,000 in 1960, and 351,000 in 1970. Most of this consumption occurred in Puerto Rico and Hawaii.

The earliest data on fertilizers were collected by State fertilizer control officials. The first volume of *American Fertilizer*, 1894, presents figures for Georgia for 1875-1892. In 1945, 36 States had a Fertilizer Control Office or similar agency which published tonnages of fertilizers consumed in the State. Now, all States have a Fertilizer Control Office or similar agency. A bibliography of such reports is given in U.S. Department of Agriculture, Circular No. 756, 1946, which also gives considerable detail on fertilizer consumption.

Since 1965, annual estimates of consumption have been made by the Statistical Reporting Service, using reports from State fertilizer control officials and voluntary reports from fertilizer manufacturers.

Annual estimates of consumption made by the National Fertilizer Association (now a part of the Fertilizer Institute) were discontinued in 1955. *The Fertilizer Review*, vol. XXI, No. 2, pp. 11-14, presents figures for conterminous United States by decades from 1880 to 1910, and annually to 1945.

K 194. Lime consumed on farms, 1910-1970.

Source: U.S. Department of Agriculture, Economic Research Service, *Changes in Farm Production and Efficiency*, Statistical Bulletin No. 233, July 1964; June 1966; and June 1973.

This series links two series not quite alike in coverage. For 1929-1945, the tonnage is in terms of ground limestone, materials in other forms being converted to that basis, except for some coarser materials used in Illinois. These figures were based on surveys made by State agricultural college agronomists and include county surveys of producers, and data from county extension agents and AAA offices, assembled by C. E. Carter of the Production and Marketing Administration. The data for 1910, 1920, and 1925-1928, however, were assembled by A. L. Mehring of the Bureau of Plant Industry, Soils, and Agricultural Engineering. The intervening years were interpolated. Mehring's figures, with the interpolations, were carried through 1939 in the Bureau of Agricultural Economics series, *Income Parity for Agriculture*, pt. II, sec. 2; hence, the figures given there for 1929-1939 differ from those presented here. Lime used by fertilizer manufacturers in their mixed goods is not included. Data for recent years are from National Agricultural Limestone Institute, Inc.

K 195-203. Farmers' marketing and purchasing cooperatives—number, memberships, and business, 1913-1970.

Source: U.S. Farmer Cooperative Service, 1913-1950, *Statistics of Farmer Cooperatives, 1954-1955*; 1951-1970, *Statistics of Farmer Cooperatives, 1969-70*.

These data were first compiled in 1913-1915 from questionnaires collected by mail from all cooperatives known to exist in the period 1912-1915. In 1919, data on the extent of cooperative marketing and farm supply purchasing were collected as a part of the census of agriculture. Other nationwide surveys were conducted in 1922 and for the fiscal years 1925-1926 and 1927-1928. Beginning with 1929-1930, annual nationwide surveys have been taken of farmer marketing, farm supply, and related services cooperatives. Data were collected by mail in each of these surveys except for 1936-1937 when information was collected in the field by Farm Credit Administration in cooperation with the banks for cooperatives and 33 State agricultural colleges.

A farmer cooperative is defined as one which meets the following requirements: (1) Farmers or associations of agricultural producers

FARMS

K 1-16

Series K 1-16. Farm Population, Farms, Land in Farms, and Value of Farm Property and Real Estate: 1850 to 1970
 [Census figures in *italics*]

Year	Farm population			Number of farms (1,000)	Land in farms ¹					Value of all farm property (mil. dol.)				Average value per farm of land and buildings (dol.)	Average value per acre of land and buildings (dol.)	Index of average value of farm real estate per acre (1967=100)	
	Total (1,000)	Percent of total population	Net change through migration (1,000)		Total (1,000 acres)	Percent of total land area	Average acreage per farm (acres)	Cropland (1,000 acres)	Pasture-land (1,000 acres)	Total	Land and buildings ²	Implements and machinery	Live-stock ³				
																	1
1970	9,712	4.8	-330	2,954	1,102,769		373			265,744	208,214	34,052	22,810	70,485	193.23	117	
1969	10,307	5.1	-642	2,790	1,065,346	47.0	390	459,048	389,493		206,751	32,964	19,649	75,725	194.43	113	
1968	10,454	5.3	-198	3,071	1,115,231		363			248,222	193,703	31,866	18,247	65,075	177.54	107	
1967	10,875	5.5	-481	3,162	1,123,456		355			230,231	182,456	28,917	18,343	57,703	167.05	100	
1966	11,535	5.9	-793	3,257	1,131,844		348			217,170	172,332	27,038	17,009	52,973	157.28	94	
1965	12,363	6.4	-858	3,356	1,139,597		340			200,913	160,942	25,522	13,950	47,956	146.18	87	
1964	12,954	6.8	-703	3,158	1,110,185	49.0	352	434,232	490,307		159,932	22,075	15,344	50,646	143.81	82	
1963	13,367	7.1	-533	3,572	1,151,572		322			183,802	143,834	22,704	16,779	40,267	129.75	77	
1962	14,313	7.7	-1,086	3,685	1,161,383		314			176,672	137,956	22,499	15,914	37,437	124.12	78	
1961	14,803	8.1	-646	3,821	1,169,899		306			169,177	131,752	21,977	15,052	34,481	118.23	74	
1960	15,635	8.7	-1,000	3,962	1,176,946		297			167,564	130,169	22,189	14,719	32,854	116.49	72	
1959	16,592	9.4	-1,142	3,711	1,129,508	49.5	303	443,087	466,235		129,005	22,059	16,730	31,763	115.08	71	
1958	17,128	9.9	-740	4,233	1,184,944		280			149,936	115,934	20,230	12,998	27,388	102.80	65	
1957	17,656	10.4	-748	4,372	1,191,340		273			141,658	110,422	20,240	10,183	25,257	97.25	61	
1956	18,712	11.2	-1,295	4,514	1,197,070		265			132,901	102,934	19,339	9,810	22,803	90.06	57	
1955	19,078	11.6	-627	4,654	1,201,900		258			127,977	98,172	18,595	10,463	21,094	85.32	57	
1954	19,019	11.8	-210	4,782	1,153,192	60.8	242	459,649	459,379		97,533	16,279	10,829	30,405	81.25	53	
1953	19,874	12.5	-1,151	4,984	1,205,740		242			128,711	96,535	15,627	13,830	19,369	83.34	55	
1952	21,748	13.9	-2,201	5,198	1,204,930		232			131,279	95,073	15,161	13,395	18,291	82.08	55	
1951	21,890	14.2	-483	5,428	1,203,500		222			117,817	86,586	13,017	15,969	15,952	74.74	49	
1950	23,048	15.3	-1,531	5,338	1,161,420	51.1	216	478,315	446,802		75,462	12,166	11,696	11,005	64.97	43	
1949	24,194	16.3	-1,537	5,722	1,155,174		202			101,117	76,623	9,420	12,996	13,391	66.33	44	
1948	24,383	16.7	-586	5,803	1,151,784		199			94,287	73,664	6,969	11,780	12,694	63.96	43	
1947	25,829	18.0	-1,889	5,871	1,148,394		196			85,717	68,463	5,083	10,294	11,661	58.62	39	
1946	25,403	18.0	-44	5,926	1,145,003		193			76,151	61,046	5,174	8,072	10,301	53.31	35	
1945	24,420	17.5	671	5,350	1,144,615	59.9	195	450,604	481,017		63,389	6,474	7,281	7,918	40.63	31	
1944	24,815	18.0	-748	6,003	1,125,461		187			63,323	48,200	5,346	7,687	8,029	42.83	28	
1943	26,186	19.2	-1,740	6,089	1,109,308		182			56,195	41,604	4,906	7,754	6,833	37.50	25	
1942	28,914	21.5	-3,145	6,202	1,093,155		176			48,608	37,547	3,981	5,552	6,054	34.35	23	
1941	30,118	22.6	-1,587	6,293	1,077,002		171			42,979	34,400	3,254	3,877	5,466	31.94	21	
1940	30,547	23.2	-788	6,102	1,065,114	46.8	175	580,556	493,544		43,758	3,060	3,540	5,532	41.69	21	
1939	30,840	23.6	-703	6,441	1,059,582		165			42,213	34,074	3,036	3,359	5,290	32.17	23	
1938	30,980	23.9	-545	6,527	1,058,315		162			43,202	35,170	2,998	3,164	5,388	33.23	23	
1937	31,266	24.3	-661	6,636	1,057,047		159			42,926	35,213	2,648	3,036	5,306	33.31	23	
1936	31,737	24.8	-834	6,739	1,055,780		157			41,803	34,260	2,359	3,145	5,084	32.45	22	
1935	32,161	25.3	-799	6,812	1,054,515	55.4	155	513,314	311,226		38,359	2,217	1,837	4,323	31.26	21	
1934	32,305	25.6	-527	6,776	1,040,963		154			37,538	32,201	2,168	1,743	4,752	30.93	20	
1933	32,393	25.8	-463	6,741	1,027,415		152			36,249	30,802	2,464	1,787	4,569	29.98	19	
1932	31,388	25.2	607	6,687	1,013,865		152			43,651	37,180	2,915	2,264	5,560	36.87	24	
1931	30,845	24.9	156	6,608	1,000,317		151			51,806	43,730	3,217	3,337	6,618	43.72	28	
1930	30,529	24.9	-61	6,295	990,112	43.6	157	522,396	426,673		47,994	3,302	4,598	7,624	43.47	31	
1929	30,580	25.2	-477	6,512	974,277		150			57,738	47,985	3,178	4,672	7,369	43.25	32	
1928	30,543	25.4	-422	6,470	961,181		149			56,737	47,632	3,028	4,459	7,347	43.42	32	
1927	30,530	25.7	-457	6,458	949,297		147			56,393	47,630	3,126	3,653	7,383	50.23	33	
1926	30,979	26.5	-907	6,462	936,806		145			57,412	49,000	3,042	3,421	7,583	52.31	34	
1925	31,190	27.0	-702	6,372	921,319	48.6	115	505,027	217,687		49,439	2,955	3,075	7,764	53.52	35	
1924	31,177	27.5	-487	6,480	930,628		144			58,519	50,487	2,985	3,066	7,791	54.25	36	
1923	31,490	28.2	-807	6,492	936,941		144			60,902	52,629	2,832	3,235	8,107	56.17	37	
1922	32,109	29.3	-1,137	6,500	943,253		145			61,982	54,050	2,900	2,884	8,315	57.80	39	
1921	32,123	29.7	-564	6,511	949,566		146			71,401	61,523	3,551	3,713	9,449	64.79	44	
1920	31,974	30.1	-336	6,454	958,677	42.2	149	348,604			78,336	3,595	5,304	10,295	69.31	48	
1919	31,200	29.7		6,506	943,169		146			66,863	54,533	3,345	5,807	8,382	57.51	39	
1918	31,950	30.6		6,488	940,461		145			61,466	49,980	2,965	5,324	7,703	53.14	36	
1917	32,430	31.5		6,478	932,752		144			54,902	45,524	2,338	4,006	7,027	48.80	33	
1916	32,530	32.0		6,463	925,044		143			50,651	42,264	2,046	3,408	6,539	45.69	30	
1915	32,440	32.4		6,458	917,335		142			47,715	39,590	1,849	3,319	6,180	43.16	28	
1914	32,320	32.8		6,447	909,627		141			47,429	39,579	1,719	3,021	6,139	43.51	28	
1913	32,270	33.4		6,437	901,918		140			45,720	38,456	1,630	2,560	5,974	42.64	28	
1912	32,210	33.9		6,430	894,209		139			43,842	37,298	1,522	2,131	5,801	41.71	27	
1911	32,110	34.3		6,425	886,501		138			42,693	36,042	1,401	2,251	5,610	40.66		
1910	32,077	34.9		6,366	881,431	33.8	139	311,293			40,959	34,385	1,265	2,074	4,480	39.58	
1900	29,375	41.9		6,740	841,202	437.0	117	233,213			20,365	16,614	750	1,991	2,895	19.32	
1890	24,771	42.3		6,565	623,219	32.2	137	219,706			16,439	13,279	494	1,346	2,909	21.31	
1880	21,973	43.3		4,009	536,032		134	166,137			12,404	10,197	406	1,064	2,544	19.02	
1870				2,660	407,735	21.4	153				9,412	7,444	271	968	2,799	13.26	
1860				2,044	407,213	21.4	199				7,980	6,645	246		3,251	16.32	
1850				1,449	298,561	15.6	203				3,967	3,272	152		2,253	11.14	

* Except as indicated by footnote 4, denotes first year for which figures include Alaska and Hawaii.
¹ Intercensal estimates derived from straight-line interpolation. Excludes District of Columbia.
² Census years as of date of enumeration. All other years as of March 1. Excludes District of Columbia.
³ Estimates as of January 1, except hog and pig inventory, beginning 1969, estimated as of December 1.
⁴ Includes Alaska and Hawaii.
⁵ Cropland harvested only.

Series K 17-81. Farm Population, Farms, Land in Farms, and Value of Farm Property and Farm Products Sold, by State: 1850 to 1969

Series No.	Division, region, and State	1969	1964	1969	1964	1960	1945	1940	1935	1930	1925	1920	1910	1900	1890
Farm population (1,000)															
17	United States.....	10,307	12,954	16,592	19,019	23,048	24,420	30,547	32,161	30,529	31,190	31,974	32,077	29,875	24,771
18	Northeast.....	741	929	1,175	1,307	1,701	1,906	2,411	2,633	2,287	2,435	2,537	2,901	3,364	3,194
19	New England.....	138	163	244	301	408	483	623	718	575	617	633	764	892	878
20	Maine.....	13	16	26	36	52	65	86	101	71	77	90	102	116	110
21	New Hampshire.....	12	17	23	32	47	57	77	86	63	72	77	102	131	130
22	Vermont.....	34	45	60	66	81	75	107	123	93	122	127	142	152	148
23	Massachusetts.....	30	39	52	61	80	111	147	153	112	125	120	140	183	167
24	Rhode Island.....	4	5	6	7	10	12	17	22	15	15	15	20	28	26
25	Connecticut.....	25	30	39	47	63	71	105	144	87	99	95	120	176	172
26	Middle Atlantic.....	608	747	929	1,095	1,388	1,460	1,788	1,915	1,712	1,815	1,904	2,197	2,472	2,327
27	New York.....	254	321	408	467	578	601	730	789	606	768	806	922	1,115	1,076
28	New Jersey.....	50	61	75	85	105	112	143	145	131	138	145	165	176	155
29	Pennsylvania.....	300	365	446	543	705	746	915	981	859	912	953	1,050	1,183	1,085
30	North Central.....	4,496	5,246	6,181	7,232	7,433	7,787	9,349	9,851	9,583	9,805	10,158	10,714	11,094	9,995
31	East North Central.....	2,147	2,519	2,974	3,710	3,953	3,866	4,638	4,808	4,501	4,637	4,953	5,275	5,653	5,144
32	Ohio.....	1,434	1,815	2,167	2,711	2,866	2,866	3,566	3,733	3,433	3,566	3,866	4,144	4,444	4,244
33	Indiana.....	482	493	569	604	697	698	808	860	815	848	914	997	1,071	998
34	Illinois.....	492	565	632	694	763	794	919	1,026	1,002	1,033	1,107	1,219	1,341	1,289
35	Michigan.....	324	410	510	590	695	704	819	847	785	807	856	912	982	848
36	Wisconsin.....	464	537	636	668	725	765	883	947	862	878	927	992	1,064	973
37	West North Central.....	2,349	2,727	3,217	3,457	3,729	3,901	4,711	5,343	5,022	5,089	5,205	5,440	5,441	4,851
38	Iowa.....	502	572	671	698	740	753	915	984	898	906	927	992	1,064	973
39	Missouri.....	565	645	756	767	783	815	915	974	881	895	905	953	1,064	973
40	Illinois.....	417	515	630	747	863	882	1,125	1,192	1,118	1,172	1,210	1,362	1,479	1,348
41	North Dakota.....	161	187	230	235	254	277	328	389	391	380	364	371	389	389
42	South Dakota.....	178	201	228	238	254	261	307	360	391	380	364	371	389	389
43	Nebraska.....	301	349	370	391	417	417	498	585	587	588	588	681	724	724
44	Kansas.....	263	306	364	401	444	495	607	709	709	733	742	830	838	851
45	South.....	4,058	5,513	7,613	9,139	11,896	12,740	16,400	17,162	16,364	16,762	17,063	16,657	15,226	10,723
46	South Atlantic.....	1,483	2,106	2,984	3,573	4,628	4,860	6,060	6,283	5,914	6,215	6,436	6,212	5,271	4,209
47	Delaware.....	16	21	26	34	34	34	46	50	47	49	52	58	50	47
48	Maryland.....	84	108	135	150	183	201	246	245	238	261	283	297	254	221
49	District of Columbia.....	259	356	502	579	732	831	986	1,066	953	1,020	1,073	1,065	952	748
50	Virginia.....	584	710	866	1,006	1,177	1,360	1,659	1,845	1,694	1,666	1,624	1,666	1,585	1,285
51	West Virginia.....	117	140	176	204	264	304	364	404	364	364	364	364	364	364
52	North Carolina.....	507	710	1,006	1,126	1,377	1,360	1,659	1,845	1,694	1,666	1,624	1,666	1,585	1,285
53	South Carolina.....	165	282	371	443	543	543	697	760	697	701	706	706	706	698
54	Georgia.....	251	371	530	697	962	1,052	1,368	1,424	1,423	1,566	1,706	1,594	1,183	928
55	Florida.....	117	140	185	186	233	254	305	324	280	286	285	273	203	185
56	East South Central.....	1,433	1,983	2,641	3,146	4,048	4,271	5,233	5,409	5,109	5,163	5,257	5,291	4,860	3,833
57	Texas.....	414	530	692	838	1,016	1,088	1,261	1,326	1,180	1,249	1,324	1,286	1,267	1,024
58	Alabama.....	412	474	553	638	744	744	868	944	868	868	868	868	868	868
59	Georgia.....	240	367	530	638	838	838	1,016	1,088	1,016	1,016	1,016	1,016	1,016	1,007
60	Mississippi.....	308	477	721	862	1,090	1,088	1,343	1,405	1,344	1,343	1,355	1,383	1,246	1,007
61	West South Central.....	1,141	1,474	1,988	2,400	3,215	3,159	4,093	4,352	4,093	4,352	4,352	4,352	4,093	2,881
62	Arkansas.....	245	327	438	585	768	768	967	1,016	967	967	967	967	967	967
63	Louisiana.....	173	240	326	414	557	608	744	838	838	838	838	838	838	838
64	Oklahoma.....	219	258	318	404	553	608	744	838	838	838	838	838	838	838
65	Texas.....	503	650	860	1,007	1,292	1,520	1,860	2,160	2,369	2,369	2,314	2,283	1,943	1,401
66	West.....	1,011	1,265	1,613	1,751	1,929	2,008	2,387	2,415	2,295	2,188	2,216	1,805	1,192	859
67	Mountain.....	471	577	719	780	859	905	1,118	1,199	1,143	1,119	1,179	1,018	582	322
68	Montana.....	94	106	123	128	136	134	176	197	205	209	203	111	52	32
69	Idaho.....	107	128	158	159	165	161	203	201	189	189	203	148	81	32
70	Wyoming.....	36	41	52	54	57	53	73	76	74	69	68	52	30	18
71	Colorado.....	99	122	154	175	198	191	263	278	284	267	268	203	111	97
72	New Mexico.....	43	60	76	103	132	149	178	192	159	154	163	184	163	43
73	Arizona.....	37	55	73	74	77	101	114	101	99	92	92	85	33	11
74	Utah.....	41	53	69	74	81	102	105	139	116	124	141	122	106	66
75	Nevada.....	19	33	43	43	43	43	43	43	43	43	43	43	43	43
76	Pacific.....	541	689	894	971	1,070	1,102	1,270	1,216	1,152	1,069	1,037	887	690	546
77	Washington.....	140	170	216	242	274	304	340	342	306	291	289	260	171	123
78	Oregon.....	244	319	416	429	496	500	559	559	559	559	559	559	559	559
79	California.....	268	362	502	529	568	565	670	621	622	561	529	417	180	141
80	Alaska.....	2	2	2	2	2	2	2	2	2	2	2	2	2	2
81	Hawaii.....	7	9	9	9	9	9	9	9	9	9	9	9	9	9

Series K 17-81. Farm Population, Farms, Land in Farms, and Value of Farm Property and Farm Products Sold, by State: 1850 to 1969—Con.

FARMS

Series No.	Division, region, and State	Number of farms (1,000)																
		1969	1964	1959	1954	1950	1945	1940	1935	1930	1925	1920	1910	1900	1880	1870	1860	1850
17	United States	2,730	3,158	3,711	4,782	5,388	5,859	6,102	6,812	6,295	6,372	6,454	6,366	5,740	4,565	2,660	2,044	1,449
18	Northeast	162	202	255	339	400	498	483	566	483	578	582	657	678	659	602	555	490
19	New England	29	42	57	82	103	150	135	168	125	159	157	187	192	190	181	184	168
20	Maine	8	13	17	21	30	42	39	42	35	50	48	60	59	62	60	56	47
21	New Hampshire	3	5	7	10	13	19	18	21	15	21	21	27	25	32	30	32	29
22	Vermont	7	9	12	16	22	26	24	27	25	28	29	33	33	36	37	32	30
23	Massachusetts	6	8	11	17	22	37	32	35	26	33	32	37	34	37	34	31	31
24	Rhode Island	1	1	1	1	1	3	3	4	2	4	4	5	5	6	6	6	6
25	Connecticut	4	6	8	13	16	22	21	22	17	24	22	27	26	26	26	25	22
26	Middle Atlantic	123	160	198	257	297	347	348	358	356	410	420	458	456	480	421	381	322
27	New York	52	67	82	108	125	149	143	152	152	189	190	216	227	226	241	216	177
28	New Jersey	8	11	15	23	25	36	32	33	26	30	31	35	34	34	31	28	21
29	Pennsylvania	63	83	100	123	147	172	169	151	172	200	202	219	224	214	174	155	128
30	North Central	1,152	1,277	1,451	1,701	1,868	1,986	2,097	2,264	2,079	2,153	2,182	2,233	2,197	1,924	1,698	772	438
31	Ohio	511	574	666	797	895	985	1,065	1,164	1,067	1,052	1,085	1,123	1,156	1,009	885	587	368
32	Indiana	311	340	386	460	517	566	604	654	567	585	597	628	617	551	447	302	144
33	Illinois	101	108	128	151	167	176	185	201	182	196	205	215	222	198	194	182	144
34	Michigan	124	133	155	173	195	204	213	231	214	226	237	252	254	241	256	203	94
35	Wisconsin	78	94	112	133	156	175	188	157	157	192	196	207	203	211	203	143	76
36	Minnesota	99	119	131	151	169	178	187	210	182	193	189	177	170	146	134	103	34
37	West North Central	689	704	795	905	983	1,091	1,091	1,160	1,113	1,111	1,097	1,110	1,061	915	713	363	20
38	Iowa	111	131	146	165	179	189	197	203	209	213	213	217	229	202	185	116	15
39	Missouri	140	154	175	193	203	209	213	222	215	213	213	217	229	202	185	116	15
40	Nebraska	137	147	169	192	200	243	256	278	256	268	268	277	285	238	216	148	54
41	South Dakota	46	49	55	62	65	70	72	85	78	76	74	74	45	28	4	1	2
42	North Dakota	46	50	56	63	66	69	72	85	80	80	75	78	50	14	1	1	1
43	Nebraska	72	80	90	101	107	111	121	154	129	128	124	130	122	114	63	12	3
44	Kansas	86	92	104	123	131	141	156	175	166	166	165	178	178	167	139	38	10
45	South	1,161	1,373	1,646	2,317	2,622	2,881	3,007	3,452	3,234	3,131	3,207	3,098	2,620	1,836	895	672	515
46	South Atlantic	371	468	592	833	959	1,043	1,018	1,147	1,058	1,108	1,156	1,112	962	755	644	302	248
47	Delaware	4	4	5	5	5	5	5	4	5	4	4	4	4	4	4	4	5
48	Maryland	17	21	25	33	36	41	42	44	41	49	46	46	46	41	27	25	22
49	District of Columbia	55	80	98	133	161	173	170	188	171	194	187	184	168	128	74	93	77
50	Virginia	65	85	98	121	131	148	148	165	141	165	167	176	183	159	119	74	4
51	West Virginia	119	148	191	262	289	287	273	301	280	283	270	254	225	173	138	94	75
52	North Carolina	67	83	106	138	158	148	138	166	158	173	193	176	155	115	94	52	30
53	South Carolina	67	83	106	138	158	148	138	166	158	173	193	176	155	115	94	52	30
54	Georgia	95	119	148	191	212	226	216	251	256	249	311	291	225	171	139	70	62
55	Florida	36	41	45	55	57	62	62	73	59	59	54	50	41	34	23	10	7
56	East South Central	329	468	563	793	913	960	1,023	1,137	1,062	1,006	1,052	1,042	903	656	570	372	223
57	Tennessee	125	133	151	193	218	239	253	278	246	259	271	259	235	179	166	118	91
58	Kentucky	121	133	158	203	232	234	232	274	246	253	258	246	223	174	166	118	75
59	Alabama	72	93	116	177	177	212	232	273	257	238	256	263	223	158	136	82	73
60	Mississippi	399	486	591	868	964	964	964	1,138	1,103	1,017	996	943	755	431	317	139	43
61	West South Central	899	1,099	1,388	2,115	2,511	2,644	2,911	3,421	3,113	2,577	2,722	2,742	2,221	1,444	1,021	68	84
62	Arkansas	60	80	95	145	182	199	217	253	242	222	238	215	179	125	94	39	18
63	Louisiana	42	62	74	111	124	129	150	170	161	132	135	121	116	69	48	17	13
64	Oklahoma	83	89	95	119	142	165	180	218	204	197	192	190	108	99	28	17	13
65	Texas	214	205	227	293	332	385	418	561	495	466	436	418	352	228	174	43	12
66	West	265	306	349	423	468	494	515	571	510	499	484	378	245	146	84	35	7
67	Mountain	120	134	149	180	195	213	233	271	241	233	244	183	101	49	14	9	6
68	Montana	25	27	29	33	35	38	42	41	47	47	43	26	13	7	1	1	1
69	Idaho	25	30	34	39	40	44	44	42	42	41	42	31	16	7	2	1	1
70	Wyoming	9	9	10	11	13	15	15	16	16	16	16	12	8	3	2	1	1
71	Colorado	28	30	33	41	44	46	46	46	46	46	46	36	25	16	4	2	2
72	New Mexico	12	14	17	21	21	21	21	21	21	21	21	16	12	4	2	1	1
73	Arizona	12	14	17	21	21	21	21	21	21	21	21	16	12	4	2	1	1
74	Utah	13	16	18	23	24	26	26	26	26	26	26	22	19	11	5	4	4
75	Nevada	13	16	18	23	24	26	26	26	26	26	26	22	19	11	5	4	4
76	Pacific	145	171	200	243	273	282	282	300	268	266	240	194	144	96	34	26	2
77	Washington	24	31	37	45	50	55	60	66	66	73	66	56	38	18	8	1	1
78	Oregon	24	31	37	45	50	55	60	66	66	73	66	56	38	18	8	1	1
79	California	78	81	99	123	137	139	133	150	136	136	118	88	73	58	24	19	1
80	Alaska	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
81	Hawaii	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)

See footnotes at end of table.

Series K 17-81. Farm Population, Farms, Land in Farms, and Value of Farm Property and Farm Products Sold, by State: 1850 to 1969—Con.

Series No.	Division, region, and State	Land in farms (1,000 acres)																	
		1969	1964	1959	1954	1950	1945	1940	1935	1930	1920	1910	1900	1890	1880	1870	1860	1850	
17	United States.....	1,063,346	1,110,187	1,123,508	1,158,192	1,161,420	1,141,615	1,065,114	1,054,515	990,112	824,319	958,677	881,481	841,202	623,219	536,082	407,735	407,213	293,561
18	Northeast.....	25,683	31,979	36,947	41,019	44,402	48,902	47,071	51,919	49,330	53,349	56,964	62,905	65,408	62,744	67,986	62,744	61,082	55,163
19	New England.....	7,744	9,816	10,886	11,921	12,547	14,492	14,902	16,852	16,833	17,521	18,291	19,543	20,591	20,743	21,543	22,449	22,723	18,957
20	Maine.....	5,899	7,614	8,082	8,614	9,152	10,017	10,423	11,422	11,640	12,161	12,726	13,300	13,850	14,354	14,850	15,354	15,858	12,793
21	New Hampshire.....	1,760	2,590	3,062	3,617	4,152	4,613	4,723	5,116	5,160	5,262	5,364	5,466	5,568	5,670	5,772	5,874	5,976	4,992
22	Vermont.....	613	903	1,124	1,457	1,714	2,017	2,189	2,448	2,492	2,604	2,716	2,828	2,940	3,052	3,164	3,276	3,388	2,701
23	Massachusetts.....	1,916	2,845	3,318	3,891	4,364	4,837	4,947	5,340	5,384	5,486	5,588	5,690	5,792	5,894	5,996	6,098	6,200	4,924
24	Rhode Island.....	69	102	142	185	228	271	314	357	399	442	485	528	571	614	657	700	743	3,355
25	Connecticut.....	541	721	884	1,138	1,272	1,593	1,612	2,080	2,124	2,245	2,366	2,487	2,608	2,729	2,850	2,971	3,092	5,554
26	Middle Atlantic.....	20,085	24,235	26,730	29,898	31,855	34,406	33,639	36,455	35,047	37,470	40,573	43,191	44,860	46,502	48,144	49,786	51,428	36,795
27	New York.....	10,148	12,275	13,490	15,071	16,017	17,568	17,071	18,666	17,980	19,271	20,633	22,030	22,648	23,281	23,921	24,561	25,201	20,975
28	New Jersey.....	1,066	1,556	1,879	2,318	2,741	3,164	3,168	3,587	3,588	3,992	4,396	4,799	5,203	5,607	6,011	6,415	6,819	19,119
29	Pennsylvania.....	8,901	10,804	11,862	13,162	14,113	15,020	14,874	15,855	15,309	16,286	17,263	18,240	19,217	20,194	21,171	22,148	23,125	2,984
30	North Central.....	373,359	383,090	385,394	393,458	395,427	398,812	398,078	390,034	376,379	360,854	374,708	350,577	317,349	266,587	206,982	139,215	107,900	62,686
31	East North Central.....	94,607	99,486	103,385	108,597	112,038	115,544	119,050	116,556	110,571	102,522	114,758	108,781	105,785	102,789	99,793	96,797	93,801	79,815
32	Ohio.....	17,111	17,933	18,807	19,681	20,555	21,429	22,303	22,177	21,051	20,925	21,800	21,674	20,548	19,422	18,296	17,170	16,044	14,918
33	Indiana.....	17,573	17,933	18,613	19,293	19,973	20,653	21,333	22,013	22,693	23,373	24,053	24,733	25,413	26,093	26,773	27,453	28,133	24,997
34	Illinois.....	29,913	29,958	30,327	30,999	30,978	31,650	31,035	33,661	30,695	30,732	31,375	32,018	32,661	33,304	33,947	34,590	35,233	32,093
35	Michigan.....	11,901	13,599	14,783	16,467	17,270	18,392	18,035	18,460	17,119	18,035	18,950	19,865	20,780	21,695	22,610	23,525	24,440	21,304
36	Wisconsin.....	18,109	20,378	21,156	23,221	23,615	25,680	25,874	28,459	21,874	21,851	22,148	22,445	22,742	23,039	23,336	23,633	23,930	20,919
37	West North Central.....	278,761	283,603	282,007	284,861	283,424	283,248	274,423	273,077	265,488	248,081	256,973	232,648	201,009	150,800	101,198	51,766	35,203	12,498
38	Minnesota.....	28,845	30,805	32,765	34,725	36,685	38,645	32,007	32,818	30,918	30,059	30,222	27,676	26,248	24,820	23,392	21,964	20,536	17,109
39	Iowa.....	33,570	33,758	33,881	34,045	34,209	34,373	34,537	34,701	34,865	35,029	35,193	35,357	35,521	35,685	35,849	36,013	36,177	32,929
40	Missouri.....	32,420	32,692	33,156	34,195	35,133	36,172	37,110	38,149	38,658	39,167	39,676	40,185	40,694	41,203	41,712	42,221	42,730	40,726
41	North Dakota.....	45,584	45,567	44,851	44,949	44,786	43,082	39,474	37,102	36,470	35,838	34,208	32,578	30,948	29,318	27,688	26,058	24,428	22,798
42	South Dakota.....	45,834	47,567	47,756	47,487	47,467	47,458	47,444	46,616	44,709	42,825	40,941	39,057	37,173	35,289	33,405	31,521	29,637	27,753
43	Kansas.....	43,380	50,271	50,133	48,589	48,611	48,589	48,517	48,010	46,976	45,729	44,482	43,235	41,988	40,741	39,494	38,247	37,000	35,753
44	South.....	332,808	345,228	357,448	366,289	377,199	370,168	370,168	376,206	343,943	324,159	350,123	343,985	325,506	303,024	280,542	258,060	235,578	213,096
45	South Atlantic.....	68,081	76,959	83,739	92,514	102,170	96,601	92,895	96,921	86,903	88,900	97,775	103,732	104,298	100,558	101,124	101,690	102,256	93,402
46	Dalaware.....	6,874	7,717	8,559	9,401	10,243	11,085	11,927	12,769	13,611	14,453	15,295	16,137	16,979	17,821	18,663	19,505	20,347	19,190
47	Maryland.....	2,803	3,181	3,457	3,897	4,056	4,200	4,198	4,384	4,374	4,433	4,492	4,551	4,610	4,669	4,728	4,787	4,846	4,692
48	District of Columbia.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
49	West Virginia.....	12,002	13,126	14,250	15,374	16,498	17,622	18,746	19,870	20,994	22,118	23,242	24,366	25,490	26,614	27,738	28,862	29,986	28,862
50	Virginia.....	4,341	5,279	6,063	7,352	8,215	9,078	9,941	10,804	11,667	12,530	13,393	14,256	15,119	15,982	16,845	17,708	18,571	17,434
51	North Carolina.....	12,784	14,382	15,888	18,260	19,318	20,376	21,434	22,492	23,550	24,608	25,666	26,724	27,782	28,840	29,898	30,956	32,014	30,956
52	South Carolina.....	6,992	8,101	9,149	11,069	11,879	12,689	13,499	14,309	15,119	15,929	16,739	17,549	18,359	19,169	19,979	20,789	21,599	20,399
53	Georgia.....	15,806	17,887	19,658	24,019	25,751	28,676	23,684	25,297	22,079	21,945	25,441	26,953	28,392	29,200	26,043	23,648	21,243	16,218
54	Florida.....	4,052	5,411	6,870	8,162	9,521	10,880	12,239	13,598	14,957	16,316	17,675	19,034	20,393	21,752	23,111	24,470	25,829	22,821
55	East South Central.....	60,643	64,925	69,207	73,489	77,771	82,053	86,335	90,617	94,899	99,181	103,463	107,745	112,027	116,309	120,591	124,873	129,155	124,873
56	Kentucky.....	15,057	16,266	17,475	18,684	19,893	21,102	22,311	23,520	24,729	25,938	27,147	28,356	29,565	30,774	31,983	33,192	34,401	33,192
57	Tennessee.....	13,654	15,258	16,630	18,830	20,702	22,574	24,446	26,318	28,190	30,062	31,934	33,806	35,678	37,550	39,422	41,294	43,166	41,294
58	Alabama.....	16,040	17,752	19,464	22,100	23,812	25,524	27,236	28,948	30,660	32,372	34,084	35,796	37,508	39,220	40,932	42,644	44,356	42,644
59	Mississippi.....	204,058	204,760	205,824	210,828	211,469	204,985	200,827	207,118	183,906	165,013	173,449	169,150	176,491	182,832	189,173	195,514	201,855	189,173
60	Arkansas.....	15,695	16,565	17,435	18,305	19,175	20,045	20,915	21,785	22,655	23,525	24,395	25,265	26,135	27,005	27,875	28,745	29,615	27,875
61	West South Central.....	9,789	10,411	10,347	11,441	11,202	10,040	9,996	10,444	9,355	8,838	10,020	10,439	11,059	11,679	12,299	12,919	13,539	12,299
62	Louisiana.....	36,008	36,077	35,801	35,630	36,007	36,162	34,938	35,835	33,791	30,869	31,952	32,853	33,754	34,655	35,556	36,457	37,358	35,556
63	Oklahoma.....	141,706	141,706	143,218	145,813	145,359	141,338	137,633	137,597	124,707	109,674	114,021	112,433	125,807	130,181	134,555	138,929	143,303	130,181
64	Texas.....	331,486	348,890	344,620	337,426	327,377	316,105	289,857	236,856	221,316	185,947	176,283	113,495	96,407	47,282	26,194	16,219	12,718	4,664
65	West.....	256,525	268,003	264,429	260,942	244,577	244,577	191,901	173,881	157,450	131,689	117,337	113,495	46,397	47,282	26,194	16,219	12,718	4,664
66	Montana.....	62,918	65,884	64,081	61,469	59,247	58,787	46,432	47,512	44,659	32,716	33,071	33,546	33,024	32,502	31,980	31,458	30,936	29,414
67	Wyoming.....	14,417	15,302	14,364	12,503	12,503													

FARMS

Series K 17-81. Farm Population, Farms, Land in Farms, and Value of Farm Property and Farm Products Sold, by State: 1850 to 1969—Con.

Series No.	Division, region, and State	Average acreage per farm (acres)																	
		1969	1964	1959	1954	1950	1945	1940	1935	1930	1925	1920	1910	1900	1890	1880	1870	1860	1850
17	United States.....	390	352	303	242	216	195	175	155	157	145	149	139	147	137	134	153	199	203
18	Northeast.....	169	158	142	121	112	98	97	93	102	92	99	96	97	95	98	104	108	113
19	New England.....	195	185	164	136	122	106	105	106	116	109	109	104	107	104	104	108	109	110
20	Maine.....	221	201	178	151	138	109	108	113	119	103	113	105	106	100	102	98	103	97
21	New Hampshire.....	211	194	172	144	128	107	109	120	132	107	127	116	123	119	122	123	123	116
22	Vermont.....	279	273	243	208	185	148	156	143	157	141	146	143	143	135	138	134	136	139
23	Massachusetts.....	123	113	102	88	75	56	61	63	78	71	78	78	83	87	88	103	94	99
24	Rhode Island.....	98	94	99	77	74	74	74	71	84	79	84	85	83	85	84	96	96	103
25	Connecticut.....	121	119	107	81	82	72	72	65	87	79	84	85	86	85	80	93	100	106
26	Middle Atlantic.....	168	151	135	111	107	99	97	98	98	90	95	92	92	92	95	103	108	114
27	New York.....	196	185	164	141	128	118	112	105	113	102	107	102	100	97	99	108	107	112
28	New Jersey.....	122	109	89	77	70	69	73	65	69	65	77	82	80	87	85	103	108	115
29	Pennsylvania.....	142	130	119	105	96	87	86	83	89	81	87	85	86	87	93	103	109	117
30	North Central.....	324	300	264	231	212	201	185	172	181	167	172	157	145	133	122	124	140	143
31	East North Central.....	184	173	155	134	127	121	107	106	115	107	109	105	102	103	107	115	124	126
32	Ohio.....	154	146	132	111	101	93	90	90	98	91	96	89	89	93	99	111	114	125
33	Indiana.....	219	206	180	151	138	129	127	127	138	136	138	129	127	127	124	124	124	136
34	Illinois.....	249	236	206	171	159	145	145	137	143	136	137	124	124	127	124	128	146	158
35	Michigan.....	743	745	732	611	511	405	396	394	401	394	397	392	386	386	400	411	413	429
36	Wisconsin.....	183	172	157	141	138	123	117	117	120	114	119	115	117	115	114	114	114	148
37	West North Central.....	437	403	355	315	289	275	252	231	239	223	234	210	190	165	142	143	190	180
38	Iowa.....	261	235	211	181	164	151	145	145	158	156	169	156	151	151	154	139	149	184
39	Minnesota.....	239	219	194	171	169	165	160	161	167	166	167	156	156	151	154	134	165	185
40	Missouri.....	237	222	197	170	153	145	136	126	132	125	132	125	119	129	129	146	215	179
41	North Dakota.....	930	875	755	676	630	590	513	462	495	452	466	382	343	277	271	176	215	---
42	South Dakota.....	997	917	805	719	674	626	545	445	439	403	464	355	362	227	208	157	226	---
43	Nebraska.....	634	596	528	471	443	427	391	349	345	329	389	298	246	190	157	169	226	---
44	Kansas.....	574	544	481	418	370	344	308	275	283	264	244	181	241	181	155	148	171	---
45	South.....	287	252	217	167	148	131	123	110	106	104	109	114	138	140	152	214	325	332
46	South Atlantic.....	184	164	141	111	107	93	91	84	82	80	83	83	108	134	151	136	363	316
47	Delaware.....	182	163	146	123	114	99	100	89	83	88	83	86	112	113	123	137	151	198
48	Maryland.....	163	153	138	123	112	102	100	89	82	81	83	86	108	112	123	136	130	212
49	Virginia.....	169	150	136	103	103	90	94	80	80	81	80	106	115	159	167	196	336	340
50	West Virginia.....	107	97	88	63	67	65	68	66	65	65	74	88	101	127	142	214	316	369
51	West Virginia.....	107	97	88	63	67	65	68	66	65	65	74	88	101	127	142	214	316	369
52	South Carolina.....	177	144	117	83	85	75	82	75	75	62	65	73	90	115	143	233	488	541
53	Georgia.....	234	215	185	145	130	105	110	101	88	88	82	93	118	147	188	338	430	441
54	Florida.....	394	360	338	313	290	214	134	83	85	99	112	105	107	141	232	444	471	---
55	East South Central.....	155	138	121	93	89	79	75	70	69	70	75	78	90	121	135	178	276	282
56	Texas.....	128	122	113	87	87	83	80	74	81	77	80	86	94	119	129	158	211	237
57	Tennessee.....	124	114	102	87	80	76	75	72	73	71	77	82	91	116	125	166	261	261
58	Alabama.....	188	165	143	113	99	85	83	72	79	79	83	83	93	125	139	222	347	289
59	Mississippi.....	221	163	135	95	82	74	66	63	55	62	67	68	83	122	156	193	370	309
60	West South Central.....	511	469	419	315	271	234	208	177	167	162	174	179	234	180	179	238	446	440
61	Louisiana.....	260	207	173	124	103	88	83	70	66	67	74	87	93	119	128	154	245	146
62	Arkansas.....	232	167	139	103	90	78	67	61	61	67	74	87	95	138	171	247	537	372
63	Oklahoma.....	434	407	378	300	253	219	194	166	166	157	166	152	213	182	208	301	591	943
64	Texas.....	668	691	631	498	439	367	329	275	252	236	262	269	357	225	208	301	591	943
65	West.....	1,250	1,142	987	798	700	639	504	414	434	373	364	300	393	324	313	336	367	695
66	Mountain.....	2,139	1,998	1,774	1,450	1,234	1,151	822	641	653	564	481	325	458	299	169	336	367	695
67	Montana.....	2,522	2,437	2,213	1,859	1,689	1,557	1,111	940	940	698	608	517	886	351	287	164	177	72
68	Idaho.....	566	516	452	371	328	301	236	221	221	200	199	174	1,383	586	174	186	108	108
69	Wyoming.....	4,014	4,100	3,069	2,729	2,729	2,553	1,866	1,610	1,469	1,203	1,050	778	1,383	586	272	225	108	108
70	Colorado.....	1,313	1,284	1,162	942	833	761	613	513	482	377	318	252	387	171	159	184	108	108
71	New Mexico.....	4,020	3,354	2,908	2,347	2,014	1,871	1,389	1,153	743	1,024	582	335	333	910	177	197	278	78
72	Arizona.....	6,486	6,262	5,558	4,483	3,534	2,861	1,889	1,252	743	1,024	582	335	333	910	177	197	278	78
73	Utah.....	867	817	712	577	449	402	297	263	207	192	197	157	212	120	69	80	96	51
74	Nevada.....	5,070	4,862	4,169	2,851	2,218	1,802	1,049	890	1,186	1,054	745	1,010	1,175	307	378	201	617	81
75	Pacific.....	516	472	401	281	238	209	186	174	191	(NA)	246	208	1,848	337	379	420	432	2,125
76	Washington.....	516	418	363	271	249	213	186	174	191	(NA)	246	208	1,848	337	379	420	432	2,125
77	Oregon.....	620	516	459	377	327	292	230	202	200	253	270	281	256	231	216	208	272	372
78	California.....	459	458	372	372	327	292	230	202	200	253	270	281	256	231	216	208	272	372
79	Alaska.....	4,832	5,129	2,421	372	327	292	230	202	200	253	270	281	256	231	216	208	272	372
80	Hawaii.....	4,832	5,129	2,421	372	327	292	230	202	200	253	270	281	256	231	216	208	272	372
81	Hawaii.....	4,832	5,129	2,421	372	327	292	230	202	200	253	270	281	256	231	216	208	272	

AGRICULTURE

Series K 17-81. Farm Population, Farms, Land in Farms, and Value of Farm Property and Farm Products Sold, by State: 1850 to 1969—Con.

Series No.	Division, region, and State	Value of farmland and buildings (mil. dol.)																	
		1969	1964	1959	1954	1950	1945	1940	1935	1930	1925	1920	1910	1900	1890	1880	1870	1860	1850
17	United States.....	206,751	159,932	129,005	97,583	75,462	46,389	33,758	32,859	47,994	49,468	66,446	34,885	16,675	13,279	10,197	7,444	6,645	3,272
18	Northeast.....	9,025	6,901	6,293	5,409	4,708	3,328	2,780	3,043	3,758	3,705	3,929	3,161	2,477	2,539	2,803	2,468	2,122	1,455
19	New England.....	1,803	1,459	1,414	1,253	1,222	1,039	733	901	941	906	929	879	628	639	683	668	476	372
20	Maine.....	283	267	266	219	227	160	124	144	194	197	204	160	97	99	102	82	79	55
21	New Hampshire.....	146	118	118	125	135	80	62	67	77	87	96	86	76	76	64	70	55	55
22	Vermont.....	429	240	240	202	196	135	111	116	146	137	169	113	83	80	109	111	94	63
23	Massachusetts.....	396	349	364	322	315	265	212	258	268	255	248	194	158	128	146	93	123	109
24	Rhode Island.....	50	52	52	53	44	36	25	35	35	28	22	26	17	20	17	20	17	73
25	Connecticut.....	409	393	381	315	315	263	205	284	227	202	190	138	97	95	121	99	91	73
26	Middle Atlantic.....	7,292	4,977	4,977	3,485	3,485	2,389	2,039	2,141	2,818	2,800	3,002	2,443	1,949	2,050	2,223	2,059	1,646	1,083
27	New York.....	2,772	2,131	1,974	1,476	1,476	1,038	839	1,041	1,316	1,367	1,425	1,185	888	968	1,086	1,018	803	585
28	New Jersey.....	1,131	1,051	1,051	1,051	1,051	958	958	958	1,043	1,043	1,043	1,043	1,043	1,043	1,043	1,043	1,043	1,043
29	Pennsylvania.....	3,319	2,479	2,190	1,809	1,519	1,009	864	862	1,208	1,170	1,327	1,041	398	522	976	535	662	408
30	North Central.....	86,394	64,182	55,469	42,616	33,748	22,074	16,130	15,982	24,495	27,554	39,407	20,489	9,564	7,070	5,129	3,452	2,130	752
31	East North Central.....	36,683	27,909	24,737	18,942	14,704	9,959	7,334	6,597	9,337	11,024	14,938	8,874	4,913	4,101	3,629	2,647	1,730	672
32	Ohio.....	6,819	5,221	4,573	3,707	2,859	1,868	1,444	1,278	1,693	1,946	2,661	1,654	837	1,050	1,127	844	678	369
33	Indiana.....	7,136	5,582	4,983	3,733	2,691	1,794	1,251	1,040	1,416	1,596	2,654	1,594	842	1,050	1,127	844	678	369
34	Illinois.....	14,643	10,744	9,580	7,036	5,395	3,663	2,537	2,206	3,336	4,199	5,998	3,523	1,766	1,263	1,010	796	409	136
35	Michigan.....	3,883	3,182	2,855	2,195	1,701	1,199	913	826	1,161	1,284	1,437	901	583	556	459	319	161	52
36	Wisconsin.....	4,201	3,180	2,796	2,271	2,057	1,434	1,189	938	1,189	1,399	1,899	1,202	686	478	358	240	131	29
37	West North Central.....	49,711	36,272	30,732	23,673	19,044	12,115	8,796	7,385	15,159	16,531	24,469	11,615	4,651	2,938	1,500	804	394	80
38	Minnesota.....	6,512	5,125	4,749	3,478	2,777	1,884	1,443	1,263	1,825	2,394	3,301	1,262	670	340	194	120	17	17
39	Iowa.....	17,260	12,934	9,857	6,770	5,071	3,611	2,691	2,482	4,225	4,903	7,062	3,257	1,498	858	567	314	280	17
40	Missouri.....	17,260	12,934	9,857	6,770	5,071	3,611	2,691	2,482	4,225	4,903	7,062	3,257	1,498	858	567	314	280	17
41	North Dakota.....	3,815	2,814	2,277	1,767	1,402	951	700	632	1,099	1,220	1,489	823	344	249	149	107	107	107
42	South Dakota.....	3,815	2,814	2,277	1,767	1,402	951	700	632	1,099	1,220	1,489	823	344	249	149	107	107	107
43	Nebraska.....	7,076	5,232	4,234	3,400	2,735	1,971	1,421	1,479	2,281	2,198	2,830	1,738	644	560	285	72	12	4
44	Kansas.....	7,843	5,138	4,017	3,380	2,735	1,971	1,421	1,479	2,281	2,198	2,830	1,738	644	560	285	72	12	4
45	South.....	69,664	52,068	39,011	29,549	22,955	13,149	9,716	8,737	12,344	11,539	15,157	7,353	3,279	2,575	1,873	1,239	2,323	1,065
46	South Atlantic.....	20,513	16,157	12,832	9,555	7,160	4,239	3,160	2,792	3,852	4,600	5,202	2,486	1,206	1,135	810	610	1,009	577
47	Delaware.....	386	235	180	128	97	73	55	51	67	60	65	53	34	34	37	37	37	37
48	Maryland.....	1,798	1,349	982	691	507	355	274	243	356	341	387	242	175	175	166	136	146	87
49	District of Columbia.....	3,047	2,215	1,819	1,551	1,277	869	675	594	856	887	1,024	582	272	254	215	170	372	216
50	Virginia.....	4,289	3,473	2,450	1,937	1,487	1,003	720	623	842	842	926	411	264	168	152	133	81	68
51	West Virginia.....	1,820	1,341	1,003	737	558	411	336	286	379	458	568	189	127	136	104	86	143	68
52	South Carolina.....	3,701	2,431	1,908	1,495	1,100	759	551	476	633	743	813	383	183	159	127	99	36	140
53	Georgia.....	4,976	4,423	3,817	3,322	2,817	2,046	1,498	1,321	1,923	2,173	2,758	1,418	76	76	76	76	157	96
54	Florida.....	14,540	10,251	7,855	6,085	5,169	3,094	2,321	1,915	2,825	2,481	3,664	1,738	884	823	720	546	316	6
55	East South Central.....	4,041	2,958	2,305	1,722	1,572	1,016	776	620	871	847	1,305	635	382	346	290	246	201	188
56	Kentucky.....	4,041	2,958	2,305	1,722	1,572	1,016	776	620	871	847	1,305	635	382	346	290	246	201	188
57	Tennessee.....	4,041	2,958	2,305	1,722	1,572	1,016	776	620	871	847	1,305	635	382	346	290	246	201	188
58	Alabama.....	4,041	2,958	2,305	1,722	1,572	1,016	776	620	871	847	1,305	635	382	346	290	246	201	188
59	Mississippi.....	3,725	2,665	1,902	1,480	1,148	648	475	371	568	502	415	288	185	151	111	79	54	176
60	West South Central.....	34,611	25,660	18,324	13,908	10,626	5,816	4,232	4,080	5,806	4,959	6,291	3,129	1,139	613	304	135	385	108
61	Louisiana.....	4,081	2,935	2,197	1,578	1,136	663	457	376	548	541	753	309	139	93	82	55	55	55
62	Arkansas.....	3,145	2,413	1,766	1,278	921	472	354	286	418	325	474	288	141	85	59	55	205	76
63	Oklahoma.....	6,214	4,366	3,002	2,256	1,851	1,066	831	784	1,243	1,049	1,364	789	217	171	9	55	205	76
64	Texas.....	21,170	15,945	11,759	8,997	6,718	3,575	2,590	2,574	3,597	3,045	3,700	1,843	692	400	170	48	88	17
65	West.....	41,668	36,781	28,338	20,009	14,052	7,839	5,133	5,097	7,397	6,668	7,963	3,881	1,355	1,095	391	177	70	9
66	Mountain.....	17,444	12,701	9,223	6,770	5,009	2,716	1,780	1,712	2,458	2,458	3,163	1,319	389	199	58	3	4	2
67	Montana.....	3,748	2,701	2,023	1,476	1,099	592	380	316	459	475	582	262	62	25	3	1	4	9
68	Idaho.....	2,545	2,022	1,701	1,296	932	498	330	277	395	375	475	248	25	3	3	1	4	2
69	Wyoming.....	1,445	1,043	774	535	455	232	159	167	207	173	235	27	27	3	3	1	4	2
70	Colorado.....	3,471	2,687	2,053	1,529	1,133	565	388	419	629	592	866	409	106	83	25	2	2	2
71	New Mexico.....	1,960	1,663	1,086	1,055	1,170	627	388	419	629	592	866	409	106	83	25	2	2	2
72	Arizona.....	2,664	2,141	1,951	1,555	1,075	604	388	419	629	592	866	409	106	83	25	2	2	2
73	Utah.....	1,040	910	755	586	471	262	154	183	184	144	172	147	21	8	1	2	2	2
74	Nevada.....	571	393	384	223	136	72	43	43	64	68	244	118	51	28	14	2	2	2
75	Pacific.....	24,224	17,355	12,335	8,586	6,136	3,325	2,458	2,458	4,939	4,800	6,668	3,562	1,016	896	333	168	66	7
76	Washington.....	3,930	2,931	2,022	1,470	1,070	69												

Series K 17-81. Farm Population, Farms, Land in Farms, and Value of Farm Property and Farm Products Sold, by State: 1850 to 1969—Con.

FARMS

Series No.	Division, region, and State	Average value per farm (dollars)																	
		1969	1964	1959	1954	1950	1945	1940	1935	1930	1925	1920	1910	1900	1890	1880	1870	1860	1850
17	United States	75,725	50,646	34,768	20,465	14,005	7,917	5,532	4,823	7,624	7,764	10,295	5,480	2,905	2,909	2,544	2,799	3,251	2,258
18	Northeast	59,426	34,130	24,702	15,910	11,771	6,685	5,751	5,473	7,789	6,407	6,738	4,811	3,656	3,856	4,027	4,201	4,756	2,971
19	New England	34,169	21,629	14,860	10,303	7,833	4,244	3,478	3,245	5,943	5,678	5,860	3,660	2,753	2,577	2,802	2,991	3,756	2,583
20	Maine	19,979	14,756	10,461	7,332	5,462	3,785	3,183	3,025	4,981	3,943	4,232	2,660	1,627	1,569	1,592	1,777	2,591	1,713
21	New Hampshire	25,410	19,402	14,046	9,839	7,323	4,280	3,758	3,425	4,981	3,943	4,232	2,660	1,627	1,569	1,592	1,777	2,591	1,713
22	Vermont	62,347	39,733	26,212	16,622	12,944	7,400	6,124	5,861	8,806	8,464	8,865	5,142	3,126	2,988	3,078	3,215	3,961	2,288
23	Massachusetts	69,362	43,492	31,692	18,552	14,163	7,167	6,647	6,244	10,268	9,737	10,331	6,278	4,206	3,710	3,807	3,915	4,462	3,202
24	Rhode Island	22,033	16,080	11,322	7,825	5,826	3,483	3,053	2,844	4,388	4,139	4,266	2,728	1,710	1,644	1,664	1,815	2,315	1,616
25	Connecticut	111,071	67,429	47,372	26,475	20,189	11,826	9,875	9,228	13,226	12,689	13,399	8,158	5,158	4,604	4,546	4,892	5,601	3,601
26	Middle Atlantic	58,509	33,964	24,657	16,146	11,747	6,875	5,858	5,905	8,234	7,243	7,376	5,216	3,615	3,374	3,547	3,897	4,311	3,361
27	New York	83,399	52,797	38,936	23,834	17,442	10,275	8,180	7,977	11,776	10,848	11,484	6,484	3,917	3,621	3,881	4,709	5,250	3,250
28	New Jersey	133,202	73,487	46,397	29,615	20,343	11,171	8,818	8,505	11,776	10,848	11,484	6,484	3,917	3,621	3,881	4,709	5,250	3,250
29	Pennsylvania	52,829	29,836	21,892	14,059	10,299	5,872	5,113	4,505	6,977	5,838	6,560	4,747	4,006	4,359	4,569	4,796	4,234	3,197
30	North Central	75,002	48,656	37,132	25,000	18,065	11,116	7,683	7,061	11,781	12,740	18,063	9,174	4,354	3,675	3,021	3,068	2,768	1,718
31	East North Central	71,455	45,244	34,566	23,777	16,607	10,441	7,289	6,661	11,781	12,740	18,063	9,174	4,354	3,675	3,021	3,068	2,768	1,718
32	Ohio	61,251	43,373	32,583	20,947	14,341	8,470	6,176	5,007	7,720	7,951	10,368	6,080	3,745	4,176	4,561	4,905	3,770	2,495
33	Indiana	70,316	51,645	38,489	24,348	16,151	10,197	7,971	7,796	7,951	10,368	6,080	3,745	4,176	4,561	4,905	3,770	2,495	1,433
34	Illinois	118,507	80,894	61,946	40,063	27,628	17,933	11,887	15,553	18,613	25,289	32,247	19,956	9,848	8,099	8,274	9,048	8,631	5,694
35	Michigan	49,821	34,027	25,585	15,800	10,535	6,843	4,865	4,205	6,853	6,676	7,313	4,564	2,866	3,227	3,241	3,421	2,856	1,261
36	Wisconsin	42,448	26,765	19,427	12,729	9,203	5,069	3,663	3,256	4,881	4,564	5,069	3,241	2,063	2,262	2,263	2,335	2,196	1,153
37	West North Central	77,845	51,539	38,659	26,131	19,079	11,709	8,392	7,392	12,717	12,496	15,496	10,784	4,881	4,262	4,262	4,564	3,241	1,952
38	Iowa	58,803	39,553	29,090	18,090	12,701	7,284	5,392	4,603	11,471	12,496	15,496	10,784	4,881	4,262	4,262	4,564	3,241	1,952
39	Minnesota	93,694	59,953	42,064	27,041	19,079	11,709	8,392	7,392	12,717	12,496	15,496	10,784	4,881	4,262	4,262	4,564	3,241	1,952
40	Missouri	97,929	63,450	46,978	30,110	21,178	12,818	8,324	7,018	19,651	19,160	23,263	15,063	6,190	5,550	5,742	6,119	4,488	1,461
41	South Dakota	87,927	56,615	40,852	28,233	21,517	13,124	9,676	8,305	15,455	18,071	22,545	14,143	4,388	4,143	4,143	4,143	3,971	1,991
42	North Dakota	97,481	65,268	46,796	33,713	25,517	15,205	10,399	11,696	19,274	19,760	29,836	19,843	4,388	4,143	4,143	4,143	3,971	1,991
43	Nebraska	97,481	65,268	46,796	33,713	25,517	15,205	10,399	11,696	19,274	19,760	29,836	19,843	4,388	4,143	4,143	4,143	3,971	1,991
44	Kansas	91,131	66,397	48,084	33,117	24,344	18,962	13,738	13,738	13,738	13,738	13,738	13,738	13,738	13,738	13,738	13,738	13,738	1,176
45	South	59,983	37,931	23,702	12,715	8,654	4,564	3,231	3,829	3,829	3,829	4,727	2,374	1,251	1,402	1,224	1,456	3,455	2,051
46	South Atlantic	55,355	34,493	21,671	11,133	7,466	4,062	3,099	3,099	3,099	4,488	4,488	2,236	1,254	1,515	1,384	1,456	3,455	2,051
47	Delaware	90,632	53,443	34,551	20,247	13,043	7,820	6,104	5,559	6,896	6,896	8,386	4,206	2,326	2,555	2,220	2,502	3,340	2,923
48	Maryland	104,370	64,939	39,095	21,238	14,048	8,596	6,506	5,465	8,244	8,244	10,070	4,941	3,075	3,555	4,205	4,907	5,726	3,888
49	District of Columbia	47,191	27,572	18,685	11,359	8,458	5,021	3,850	3,005	8,079	8,079	16,940	3,832	1,618	1,994	1,823	2,048	2,566	6,481
50	Virginia	25,450	13,882	10,230	7,248	5,283	3,494	2,718	2,269	4,138	3,267	3,990	1,800	867	1,081	862	669	1,906	1,192
51	West Virginia	35,551	24,442	15,475	7,759	5,836	3,490	2,647	2,169	3,018	3,267	3,990	1,800	867	1,081	862	669	1,906	1,192
52	North Carolina	46,171	24,948	15,685	7,759	5,836	3,490	2,647	2,169	3,018	3,267	3,990	1,800	867	1,081	862	669	1,906	1,192
53	South Carolina	54,863	29,155	17,944	8,710	6,223	3,896	2,823	1,715	2,259	2,639	3,238	1,440	1,000	1,225	1,066	1,177	2,502	1,850
54	Georgia	139,818	109,053	73,564	43,667	30,617	18,439	12,453	10,407	14,715	14,715	18,439	8,439	4,522	5,222	5,222	5,222	5,222	2,095
55	Florida	37,185	21,897	13,362	6,993	4,956	3,075	2,254	1,670	2,329	2,329	3,075	1,440	1,000	1,225	1,066	1,177	2,502	1,850
56	East South Central	32,302	22,509	13,283	7,049	5,182	3,075	2,254	1,670	2,329	2,329	3,075	1,440	1,000	1,225	1,066	1,177	2,502	1,850
57	Tennessee	37,185	21,897	13,362	6,993	4,956	3,075	2,254	1,670	2,329	2,329	3,075	1,440	1,000	1,225	1,066	1,177	2,502	1,850
58	Alabama	37,185	21,897	13,362	6,993	4,956	3,075	2,254	1,670	2,329	2,329	3,075	1,440	1,000	1,225	1,066	1,177	2,502	1,850
59	Mississippi	37,185	21,897	13,362	6,993	4,956	3,075	2,254	1,670	2,329	2,329	3,075	1,440	1,000	1,225	1,066	1,177	2,502	1,850
60	West South Central	51,611	24,322	14,292	8,049	6,182	3,715	2,634	2,025	3,006	3,006	4,055	1,953	1,180	1,392	1,248	1,483	3,294	1,945
61	Louisiana	86,681	58,826	37,305	20,817	13,616	8,225	5,626	4,547	7,952	7,952	10,903	4,218	2,509	2,888	2,888	3,121	4,453	1,612
62	Arkansas	67,532	36,784	18,915	9,497	6,225	3,334	2,108	1,486	2,261	2,436	3,238	1,440	1,000	1,225	1,066	1,177	2,502	1,850
63	Oklahoma	74,414	38,636	23,719	11,497	7,416	4,653	3,359	3,677	6,096	5,318	7,104	3,884	2,121	2,582	2,222	2,502	3,340	2,860
64	Texas	99,133	77,756	51,787	30,711	20,263	9,286	6,196	5,137	7,260	6,540	8,486	4,412	1,964	2,972	1,222	1,916	11,818	5,649
65	West	157,179	120,383	80,870	47,334	30,029	15,853	9,622	8,928	14,518	13,364	16,455	10,271	5,329	7,506	4,669	3,662	2,054	1,357
66	Mountain	145,486	101,780	72,967	43,191	28,294	12,988	7,982	7,982	9,310	12,988	16,455	10,271	5,329	7,506	4,669	3,662	2,054	1,357
67	Montana	90,222	108,271	76,761	44,663	28,475	13,720	8,373	7,439	11,109	9,709	13,468	6,999	4,689	4,563	4,229	4,563	3,129	2,420
68	Idaho	59,916	68,178	50,528	33,466	22,820	11,888	7,765	6,314	9,012	9,107	13,801	8,956	4,422	4,422	4,422	4,422	3,129	2,420
69	Wyoming	163,529	116,555	79,447	45,595	36,068	17,656	11,548	10,497	15,221	14,4								

Series K 17-81. Farm Population, Farms, Land in Farms, and Value of Farm Property and Farm Products Sold, by State: 1850 to 1969—Con.

Series No.	Division, region, and State	Value of farm products sold (mil. dol.)									
		1969	1964	1969	1954	1950	1945	1940	1930	1925 ⁴	
17	United States.....	45,609	35,292	30,493	24,645	22,217	16,231	6,682	9,610	858	
18	Northeast.....	2,822	2,575	2,292	2,049	1,922	1,490	723	978	71	
19	New England.....	663	715	538	585	532	425	208	278	21	
20	Maine.....	188	256	171	140	126	96	42	81	4	
21	New Hampshire.....	49	49	48	45	46	39	19	24	(Z)	
22	Vermont.....	136	115	109	86	87	70	33	48	4	
23	Massachusetts.....	139	139	126	125	135	115	68	48	4	
24	Rhode Island.....	16	19	18	15	16	15	8	9	4	
25	Connecticut.....	146	189	120	123	121	89	44	48	8	
26	Middle Atlantic.....	2,138	1,859	1,699	1,514	1,391	1,065	515	699	50	
27	New York.....	979	853	755	668	680	504	242	343	58	
28	New Jersey.....	214	216	231	242	214	166	133	233	2	
29	Pennsylvania.....	945	791	713	604	546	396	198	273	10	
30	North Central.....	20,097	14,838	13,002	10,647	9,783	7,047	2,923	4,140	437	
31	East North Central.....	7,544	6,106	5,203	4,044	4,044	2,953	1,302	1,608	145	
32	Ohio.....	1,246	1,013	863	844	712	533	254	315	28	
33	Indiana.....	1,400	1,105	946	906	782	492	217	265	17	
34	Illinois.....	2,123	2,123	1,811	1,506	1,362	954	415	455	53	
35	Michigan.....	829	766	623	545	474	366	178	227	20	
36	Wisconsin.....	1,455	1,087	961	793	765	608	239	346	27	
37	West North Central.....	12,553	8,733	7,799	6,063	5,689	4,094	1,620	2,531	292	
38	Minnesota.....	1,743	1,376	1,176	984	961	637	301	361	73	
39	Iowa.....	3,656	2,587	2,284	1,840	1,685	1,152	512	621	31	
40	Missouri.....	1,450	1,053	1,012	784	720	506	215	329	83	
41	North Dakota.....	749	570	469	376	401	365	100	329	17	
42	South Dakota.....	968	639	514	436	401	365	100	329	17	
43	South Dakota.....	2,165	1,334	1,195	881	778	526	182	392	33	
44	Nebraska.....	1,175	1,175	1,111	802	763	604	204	418	37	
45	South Atlantic.....	12,354	10,586	8,884	7,025	6,359	4,632	1,921	2,903	199	
46	Virginia.....	4,874	3,243	3,243	2,631	2,125	1,735	700	922	73	
47	Delaware.....	129	108	86	82	76	62	16	18	7	
48	Maryland.....	340	276	231	195	172	137	55	77	7	
49	District of Columbia.....	470	470	424	364	310	248	108	155	21	
50	Virginia.....	570	92	90	90	82	63	30	58	1	
51	West Virginia.....	1,195	1,068	797	783	557	489	199	221	18	
52	North Carolina.....	362	349	303	252	214	192	117	117	9	
53	South Carolina.....	1,040	826	607	448	375	302	182	187	9	
54	Georgia.....	1,182	954	700	465	339	240	137	137	9	
55	Florida.....	2,749	2,382	1,972	1,422	1,117	1,038	429	727	15	
56	East South Central.....	770	582	518	341	341	338	128	170	28	
57	Kentucky.....	628	527	410	304	274	247	107	162	7	
58	Tennessee.....	656	557	410	304	274	247	107	162	7	
59	Alabama.....	536	410	340	274	274	213	165	165	8	
60	Mississippi.....	571	407	335	310	340	284	230	230	8	
61	West South Central.....	5,731	4,063	3,664	2,853	2,853	1,815	1,115	1,255	76	
62	Louisiana.....	496	407	335	310	340	284	230	230	7	
63	Texas.....	969	601	581	409	471	178	146	137	9	
64	Oklahoma.....	3,293	2,225	2,109	1,642	1,753	1,000	439	264	21	
65	Texas.....	9,337	1,293	6,315	4,924	4,203	3,062	1,115	1,589	151	
66	West.....	8,839	2,537	2,356	1,810	1,631	1,068	449	572	35	
67	Mountain.....	660	390	438	332	281	223	84	129	3	
68	Montana.....	1,101	478	438	332	281	223	84	129	3	
69	Idaho.....	249	151	162	115	122	44	44	159	3	
70	Wyoming.....	369	227	227	155	155	25	109	177	21	
71	New Mexico.....	611	469	382	329	300	252	43	56	3	
72	Colorado.....	213	159	159	127	130	95	39	47	2	
73	Arizona.....	213	159	159	127	130	95	39	47	2	
74	Utah.....	468	34	34	34	34	23	11	19	2	
75	Nevada.....	5,498	4,756	3,959	3,113	2,571	1,994	666	916	116	
76	Pacific.....	5,498	4,756	3,959	3,113	2,571	1,994	666	916	116	
77	Washington.....	531	428	412	346	365	354	117	184	21	
78	Oregon.....	3,904	3,499	2,822	2,261	2,98	239	99	125	8	
79	California.....	288	188	152	152	165	1,400	452	608	87	
80	Alaska.....										
81	Hawaii.....										

NA. Not available.

Z. Less than 500 or \$500,000.

* Oklahoma Territory and Indian Territory.

† Oklahoma Territory only.

‡ Products sold through cooperative marketing organizations only.

Series K 82-108. Characteristics of Farm Operators: 1880 to 1969

[In thousands, except as indicated]

Series No.	Item	1969	1964	1959	1954 ¹	1950	1945 ¹	1940	1935 ¹	1930	1925 ¹	1920	1910 ¹	1900	1890	1880
82	Total	2,730	3,158	3,711	4,782	5,388	5,859	6,102	6,812	6,295	6,372	6,454	6,362	5,740	4,565	4,009
83	Race and residence:															
84	White	2,626	2,958	3,420	4,299	4,803	5,170	5,379	5,957	5,374	(NA)	5,500	5,441	4,970		
85	Negro and other races	104	200	291	484	586	689	724	856	921	(NA)	954	921	770		
86	North	1,304	1,480	1,715	2,043	2,268	2,484	2,580	2,819	2,562	2,741	2,763	2,891	2,874	2,582	2,394
87	South	1,161	1,373	1,646	2,317	2,652	2,881	3,007	3,422	3,224	3,131	3,207	3,098	2,620	1,836	1,531
88	White	1,071	1,188	1,374	1,851	2,093	2,216	2,327	2,606	2,342	2,300	2,284	2,207	1,880		
89	Negro and other races	90	185	272	465	559	665	680	816	882	831	923	890	741		
90	West	265	306	349	423	468	494	515	571	510	499	484	373	245	146	84
91	Residence:															
92	On farm operated	1,983	2,774	3,236	4,392	4,987	5,460	5,806	6,314							
93	Off farm operated	458	291	267	290	270	337	314	277							
94	Not reporting	290	93	207	100	132	62									
95	Age:															
96	Under 25 years	53	53	62	91	164	147	233		1,372		1,384	419	1,275	2,219	
97	25-34 years	274	309	403	620	792	854	950		11,049		11,333	1,414	1,194	2,103	
98	35-44 years	523	654	806	1,100	1,188	1,324	1,252		11,452		11,571	1,571	1,410	2,182	
99	45-54 years	724	851	980	1,154	1,159	1,432	1,429		11,460		11,482	1,433	1,296	2,105	
100	55-64 years	704	742	803	951	1,002	1,173	1,148		11,064		1,994	948	865	1,249	
101	65 years or more	458	548	617	779	745	867	829		1,676		1,584	555	595		
102	Average age—years	51.2	51.3	50.5	49.6	(NA)	48.7									
103	Not reporting age			37	87	335	61	261		215		84	22	13		
104	Years on present farm:															
105	Less than 5	429	612	639	1,011	1,858	2,433	2,149	2,909	2,710	2,985	12,957	3,000			
106	5-9	331	469	630	1,172	1,012	957	945	1,080	939	1,215	11,086	992			
107	10 or more	1,385	1,906	2,340	2,487	2,194	2,336	2,517	2,688	2,394	2,019	12,134	1,803			
108	Not reporting	585	171	100	113	321	132	492	135	252	153	1,221	567			
109	Days working off farm:															
110	Less than 100	392	449	556	820	836	491	804	1,317	1,180						
111	100-199	220	139	230	306	313	244	379	348	327						
112	200 or more	871	824	878	1,027	944	835	566	413	397						
113	None or not reporting	1,248	1,696	2,044	2,029	3,299	4,289	4,352	4,735	4,386						

NA Not available.
¹ Excludes Alaska and Hawaii.

² Occupants of farm homes. In 1900, the number of occupants of farm homes was 88,364 less than the number of farm operators, while in 1890, the number of occupants exceeded the number of operators by 202,358.

Series K 109-153. Farms, by Race and Tenure of Operator, and Acreage and Value, by Tenure of Operator: 1880 to 1969

Series No.	Race and tenure of operator	1969	1964 ¹	1959 ^{1,2}	1954 ^{1,2}	1950	1945 ²	1940	1930	1920	1910 ³	1900	1890	1880
109	NUMBER OF FARMS													
110	U.S.	2,730,250	3,157,837	3,707,970	4,783,021	5,388,437	5,859,169	6,102,417	6,295,103	6,453,991	6,365,822	5,739,657	4,564,641	4,008,907
111	Full owner	1,705,720	1,818,254	2,116,594	2,744,708	3,091,666	3,301,361	3,085,491	2,913,052	3,368,146	3,355,731	3,202,643		
112	Part owner	671,607	781,884	834,470	868,180	825,670	660,502	615,502	657,109	558,708	598,954	451,515	3,269,728	2,984,306
113	Manager	17,798	21,060	21,060	20,894	23,646	38,855	36,501	56,131	68,588	58,353	59,213		
114	Tenant	352,923	539,921	735,849	1,149,239	1,447,455	1,858,421	2,364,923	2,668,811	2,458,554	2,357,784	2,026,286	1,294,918	1,024,601
115	White	2,626,403	2,957,905	3,423,361	4,301,420	4,802,520	5,169,954	5,378,913	5,373,703	5,499,707	5,441,372	4,970,129		
116	Full owner	1,642,253	1,739,721	2,016,808	2,604,730	2,936,960	3,126,212	2,917,255	2,753,187	3,174,675	3,159,560	3,026,214		
117	Part owner	652,512	747,051	792,422	814,112	769,751	629,734	581,678	612,887	517,820	548,457	420,916		
118	Manager	17,402	20,457	20,236	23,140	38,263	35,750		52,890	66,317	56,679	57,353		
119	Tenant	331,638	453,731	592,417	862,342	1,072,669	1,375,745	1,844,230	1,954,247	1,740,584	1,676,676	1,485,646		
120	Negro and other	103,847	199,952	284,612	481,601	585,917	689,215	723,504	921,400	954,284	924,450	769,528		
121	Full owner	63,467	78,533	97,388	139,978	154,706	175,149	165,236	159,394	193,126	196,171	176,429		
122	Part owner	19,095	34,833	40,733	54,068	55,919	30,768	33,824	43,863	40,888	45,497	30,599		
123	Manager		396	489	658	506	622	751	3,202	2,258	1,674	1,860		
124	Tenant	21,285	86,190	141,017	286,897	374,786	482,676	520,693	714,433	718,009	681,108	560,640		
125	South	1,161,399	1,372,732	1,645,028	2,317,296	2,652,423	2,881,135	3,007,170	3,223,816	3,206,664	3,097,547	2,620,391	1,836,372	1,531,077
126	Full owner	779,731	808,500	946,613	1,275,226	1,411,123	1,509,056	1,327,690	1,190,683	1,405,762	1,329,390	1,237,114		
127	Part owner	245,280	303,612	322,952	351,016	325,999	193,607	216,607	224,992	191,463	215,121	133,368	1,130,029	977,229
128	Manager	7,120	9,196	9,196	9,571	9,979	13,193	13,580	17,358	18,918	16,284	18,765		
129	Tenant	136,388	253,500	366,267	681,483	905,322	1,165,279	1,449,293	1,790,783	1,591,121	1,536,752	1,231,144	706,343	553,848
130	Croppers			121,037	287,662	346,765	446,556	541,291	776,278	561,091				
131	White	1,071,258	1,188,154	1,379,407	1,858,820	2,093,333	2,215,722	2,326,904	2,342,129	2,283,750	2,207,406	1,879,721		
132	Full owner	724,131	737,701	856,864	1,145,372	1,269,641	1,348,076	1,185,738	1,050,187	1,227,204	1,154,100	1,078,635		
133	Part owner	228,974	272,349	285,418	300,280	274,135	165,355	185,246	183,469	152,432	171,944	105,171		
134	Manager	6,975	8,906	9,190	9,740	12,761	18,215	15,529	16,529	15,548	15,084	17,172		
135	Tenant	118,153	171,129	228,219	398,978	539,817	689,540	942,655	1,091,944	887,566	866,278	678,743		
136	Croppers			47,650	107,416	148,708	176,290	242,173	383,381	227,378				
137	Negro and other	90,141	184,578	265,621	463,476	559,090	685,413	680,266	881,637	922,914	890,141	740,670		
138	Full owner	55,600	70,799	89,749	129,854	141,432	160,980	141,902	140,496	178,558	175,290	158,479		
139	Part owner	16,306	31,263	37,534	50,736	51,884	28,252	31,361	41,523	39,031	43,177	28,197		
140	Manager		145	290	391	299	289	442	829	1,770	1,200	1,593		
141	Tenant	18,235	82,371	138,048	232,505	365,505	475,739	506,638	698,839	703,555	670,474	552,401		
142	Croppers			73,387	160,246	198,057	270,296	299,118	392,897	333,713				

See footnotes at end of table.

Series K 109-153. Farms, by Race and Tenure of Operator, and Acreage and Value, by Tenure of Operator: 1880 to 1969—Con.

Series No.	Tenure of operator	1969	1964 ¹	1959 ¹	1954 ^{1,2}	1950 ¹	1945 ²	1940	1930	1920 ⁷	1910 ²	1900 ²
	LAND IN FARMS (1,000 acres)											
142	All farms.....	1,063,346	1,110,185	1,123,378	1,160,044	1,161,420	1,141,615	1,065,114	990,112	955,974	878,798	838,592
143	Full owner.....	375,092	318,876	346,483	397,214	419,109	412,358	382,184	372,575	461,327	464,923	431,261
144	Part owner.....	550,649	538,044	503,882	472,465	422,812	371,251	300,782	246,605	175,525	138,631	124,779
145	Manager.....	137,605	113,861	109,990	100,008	107,296	106,372	68,939	63,626	54,141	53,731	87,518
146	Tenant.....	137,605	144,906	163,223	190,362	212,204	251,634	313,209	307,306	264,982	226,513	195,034
147	Croppers (South).....			5,097	9,413	14,166	18,922	23,313	31,605	22,531		
	AVERAGE VALUE PER FARM OF FARMLAND AND BUILDINGS (dollars)											
148	All farms.....	75,725	50,646	33,175	19,761	13,932	7,917	5,532	7,623	10,284	5,471	2,896
149	Full owner.....			22,478	14,511	10,719	6,393	4,959	7,253	9,122	5,160	2,851
150	Part owner.....			56,660	35,764	25,137	15,184	9,936	12,400	16,387	8,515	4,347
151	Manager.....			244,714	165,800	153,043	60,552	42,208	41,307	38,936	28,076	13,114
152	Tenant.....			36,158	19,464	12,926	6,941	4,566	6,143	9,689	4,662	2,345
153	Croppers (South).....			7,040	3,972	3,333	1,981	1,433	1,802	2,633		

¹ Data for subclass of tenants for 1964, all data for 1959 and 1954, and average value per farm of farmland and buildings for 1950, are based on sample reports.
² Excludes Alaska and Hawaii.
³ 49 States; no classification by tenure for Alaska.
⁴ Full owners for 1930 include 330 "Owners" and, for 1920, 345 "Owners" for Alaska, for whom no differentiation was made between full and part owners.
⁵ Totals by race include 1,257 white and 4,985 Negro and other race operators for 1959 for Hawaii, 492 white and 8 Negro and other race operators for 1930 for Alaska, and 361 white and 3 Negro and other race operators for 1920 for Alaska, for whom tenure distribution is not available.

⁶ Full owners by race for 1930 include 359 part owners for Hawaii; tenure distribution by race for Hawaii for that year was for "Owners" with no differentiation between full and part owners.
⁷ 49 States; data not distributed by race or tenure for Hawaii.
⁸ Data for full owners for 1930 include 63,626 acres and, for 1920, 77,288 acres for "Owners" for Alaska, for which there was no differentiation between full and part owners.
⁹ Excludes Hawaii.

Series K 154-161. Mortgaged Farms—Number, Acreage, Value, and Amount of Indebtedness, by Tenure of Operator: 1930 to 1966

Year	Number of farms	Land in farms	Value of farmland and buildings	Mortgage debt				Equity per mortgaged farm
				Total	Ratio of mortgage debt to total value	Debt per acre	Debt per farm	
				154	158	159	160	
	1,000	Mil. acres	Mil. dol.	Mil. dol.	Percent	Dollars	Dollars	Dollars
ALL TENURES								
1966	1,434	597	108,371	24,660				
1961		361	48,623	12,812	26.3	35.53		
1956		340	66,892	3,000	23.0	26.00		
1950	1,480	304	22,049	5,579	25.3	18.38	3,769	11,125
1945	1,714	373	16,376	4,941	30.2	13.24	2,883	6,672
1940	2,364	457	15,874	6,586	41.5	14.40	2,786	3,929
1935	2,350			7,584			3,227	
1930	2,523			9,631			3,817	
FULL OWNER								
1961	732	138	21,450	5,899	27.5	42.70	8,058	21,240
1956	909	149	17,626	4,720	26.8	31.65	5,191	14,194
1950	894	135	11,273	3,116	27.6	23.03	3,485	9,123
1945	997	149	8,166	2,690	32.9	18.04	2,697	5,492
1940	1,278	180	7,887	3,353	42.5	18.58	2,623	3,547
1935	1,270	182	7,338	3,682	50.2	20.25	2,899	2,879
1930	1,232	182	10,955	4,337	39.6	23.82	3,521	5,373
PART OWNER ¹								
1961	388	137	14,221	3,970	27.9	29.08		26,412
1956	368	117	9,087	2,312	25.4	19.75	10,228	18,397
1950	281	90	4,585	1,179	25.7	13.08	4,187	12,103
1945	274	90	2,863	875	30.6	9.73	3,194	7,256
1940	336	94	2,358	1,106	46.9	11.78	3,287	3,724
1935	349							
1930	360							
MANAGER AND TENANT ²								
1961 ³		86	12,952	2,943	22.7	34.26		
1956 ³		82	9,570	2,034	21.3	24.66		
1950 ³	305	78	6,190	1,284	20.7	16.43	(4)	16,095
1945 ³	443	134	5,347	1,376	25.7	10.26	(4)	8,969
1940 ³	749	183	5,628	2,127	37.8	11.62	(4)	4,674
1935	731							
1930	932							

¹ Acres, value, and debt are for owned portion only.
² Acres, value, and debt include the rented portion of part-owner farms.

³ Except for number of farms, includes figures for the rented portion of part-owner farms.
⁴ Not shown because data for mortgage debt include rented portion of part-owner farms.

Series K 162-173. Farms and Land in Farms, by Size of Farm: 1880 to 1969

[Farms in thousands; land in farms in thousands of acres]

Year	Total	Under 10 acres			10-29 acres	30-49 acres	50-99 acres	100-179 acres	180-259 acres	260-499 acres	500-999 acres	1,000 acres and over
		Total	Under 3 acres	3-9 acres								
		162	163	164								
NUMBER OF FARMS												
1969	2,730	162	79	83	473	460	542	307	419	216	151	
1964	3,158	183	60	123	637	542	633	355	451	210	145	
1959	3,711	244	79	165	813	658	773	415	472	200	136	
1954 ¹	4,782	484	100	384	713	864	953	464	482	192	130	
1950	5,388	489	78	410	855	625	1,048	2,068		182	121	
1945 ¹	5,859	595	99	496	946	709	1,157	1,200	493	473	174	113
1940	6,102	509	37	472	1,782	1,291	1,291	2,255		164	101	
1935 ¹	6,812	571	36	535	1,241	882	1,444	1,438	507	473	167	89
1930	6,295	362	44	318	2,002	1,375	1,375	2,315		440	160	81
1925 ¹	6,372	379	15	368	2,039	1,421		1,887			144	63
1920	6,454	292	21	270	2,014	1,475		2,457			150	67
1910	6,362	335	18	317	1,918	1,438		2,051		444	125	50
1900	5,740	268	42	227	1,665	1,366		2,291			103	47
1890	4,565	150	(NA)	(NA)	1,168	1,122		2,009			84	32
1880	4,009	139	4	135	1,036	1,033		1,696			76	29
LAND IN FARMS												
1969	1,063,346	568	93	474	13,253	33,620	74,005	66,378	149,909	147,801	578,412	
1964	1,110,185	778	(NA)	(NA)	17,327	39,590	86,588	76,854	159,597	144,598	534,847	
1959	1,123,508	1,053	(NA)	(NA)	21,850	47,950	105,732	89,503	165,438	137,351	554,631	
1954 ¹	1,158,192	2,260	(NA)	(NA)	12,704	19,165	62,725	130,120	99,863	168,368	531,482	
1950	1,162,643	2,443	(NA)	(NA)	39,372	75,647	149,991	105,403	168,944	125,988	494,856	
1945 ¹	1,141,615	2,805	141	2,664	16,864	27,074	83,206	162,375	105,802	164,647	118,836	460,006
1940	1,065,114	2,679	52	2,627	47,538	93,336	93,336	177,553	104,289	161,995	111,946	365,772
1935 ¹	1,054,515	3,057	51	3,006	22,272	33,691	104,013	194,804	108,462	164,268	114,244	309,701
1930	990,112	1,922	63	1,859	54,085	98,700	98,700	290,525	159,273	108,940	276,667	
1925 ¹	924,319	2,097	23	2,074	54,465	101,906	101,906	292,180	151,731	97,468	224,472	
1920	958,677	1,600	33	1,567	55,553	105,631	105,631	307,244	164,244	100,976	220,636	
1910	831,431	(NA)	(NA)	(NA)	(NA)	103,121	103,121	470,770		83,653	167,082	
1900	841,202	1,482	80	1,402	47,253	98,600	98,600	295,978	129,686	67,878	200,324	

NA Not available.
¹ Excludes Alaska and Hawaii. ² Excludes Alaska.

³ Based on sample; therefore differs from series K 5 and K 17.
⁴ Total includes Alaska and Hawaii.

Series K 174-183. Farm Employment, Wages, and Indexes of Man-Hours Used for Farmwork: 1866 to 1970

[Excludes Alaska and Hawaii except as indicated]

Year	Employment ¹			Index, composite farm wage rates (1967 = 100)	Wage rates				Farmers' expenditures for hired labor ⁴	Index, man-hours of labor used for farmwork (1967 = 100)
	Total farm	Family workers ²	Hired workers		Per month ³		Per day ³			
					With board and room	With house	With board and room	Without board or room		
	174	175	176		178	179	180	181		
1,000	1,000	1,000	Dollars	Dollars	Dollars	Dollars	Mil. dol.			
1970	4,523	3,948	1,175	129	251.00	328.00	10.70	11.70	3,394	90
1969	4,596	3,420	1,176	121	234.00	307.00	10.10	10.90	3,196	92
1968	4,749	3,535	1,213	110	216.00	283.00	9.30	9.90	3,047	96
1967	4,903	3,650	1,253	100	200.00	262.00	8.60	9.00	2,873	100
1966	5,214	3,854	1,360	94	184.00	243.00	8.00	8.20	2,889	102
1965	5,610	4,128	1,482	86	170.00	223.00	7.40	7.60	2,849	107
1964	6,110	4,506	1,604	82	162.00	212.00	7.10	7.30	2,913	113
1963	6,518	4,738	1,780	80	159.00	206.00	6.90	7.10	2,990	119
1962	6,700	4,873	1,827	78	155.00	200.00	6.70	6.90	2,961	124
1961	6,919	5,029	1,890	76	151.00	195.00	6.50	6.60	2,977	129
1960	7,057	5,172	1,885	74	149.00	192.00	6.50	6.60	* 2,923	135
1959	7,342	5,390	1,952	72	144.00	186.00	6.30	6.40	2,882	142
1958	7,503	5,521	1,982	69	137.00	176.00	6.10	6.00	2,842	145
1957	7,600	5,660	1,940	66	133.00	168.00	5.80	5.80	2,734	152
1956	7,852	5,900	1,953	64	128.00	161.00	5.60	5.60	2,641	165
1955	8,381	6,345	2,036	61	123.00	154.00	5.40	5.30	2,615	176
1954	8,651	6,570	2,081	60	120.00	151.00	5.30	5.30	2,596	183
1953	8,864	6,775	2,089	61	122.00	151.00	5.40	5.30	2,736	192
1952	9,149	7,005	2,144	60	119.00	146.00	5.30	5.30	2,857	200
1951	9,546	7,310	2,236	57	113.00	137.00	5.00	5.00	2,921	209

See footnotes at end of table.

Series K 174-183. Farm Employment, Wages, and Indexes of Man-Hours Used for Farmwork: 1866 to 1970—Con.

Year	Employment ¹			Index, composite farm wage rates (1967 = 100)	Wage rates				Farmers' expenditures for hired labor ⁴	Index, man-hours of labor used for farmwork (1967 = 100)
	Total farm	Family workers ²	Hired workers		Per month ³		Per day ³			
					With board and room	With house	With board and room	Without board or room		
	174	175	176		178	179	180	181		
1,000	1,000	1,000	Dollars	Dollars	Dollars	Dollars	Mil. dol.			
1850	9,926	7,597	2,329	51	99.00	121.00	4.45	4.50	2,811	208
1849	9,864	7,712	2,252	51	99.00	121.00	4.45	4.45	2,806	223
1848	10,363	8,026	2,337	53	101.00	122.00	4.50	4.45	2,990	232
1847	10,382	8,115	2,267	50	92.00	117.00	4.50	5.10	2,783	237
1846	10,295	8,106	2,189	47	86.00	108.00	4.20	4.80	2,532	249
1845	10,000	7,881	2,119	43	79.00	101.00	3.85	4.35	2,299	259
1844	10,219	7,988	2,231	39	71.00	91.00	3.50	3.95	2,202	277
1843	10,446	8,010	2,436	32	59.00	77.00	2.90	3.30	2,027	279
1842	10,504	7,949	2,555	25	45.50	59.00	2.20	2.55	1,631	283
1841	10,669	8,017	2,652	19	34.50	44.50	1.65	1.95	1,249	276
1840	10,979	8,300	2,679	15	27.50	37.50	1.30	1.60	1,029	282
1839	11,338	8,611	2,727	15	27.00	36.00	1.25	1.55	988	284
1838	11,622	8,815	2,807	15	27.00	36.00	1.30	1.55	979	283
1837	11,978	9,054	2,924	16	27.50	36.50	1.35	1.65	988	304
1836	12,331	9,350	2,981	14	24.00	32.50	1.20	1.45	868	281
1835	12,733	9,855	2,878	13	22.00	30.50	1.10	1.35	775	290
1834	12,627	9,765	2,862	12	20.00	28.00	1.00	1.25	679	278
1833	12,739	9,874	2,865	11	18.00	25.50	.90	1.15	617	310
1832	12,816	9,922	2,894	12	20.50	29.00	.95	1.20	669	311
1831	12,745	9,642	3,103	16	28.50	38.00	1.30	1.65	914	322
1830	12,497	9,307	3,190	21	37.50	48.00	1.80	2.15	1,177	315
1829	12,763	9,360	3,403	22	40.00	51.00	2.00	2.30	1,300	319
1828	12,691	9,340	3,351	22	39.50	50.00	2.00	2.30	1,290	321
1827	12,642	9,278	3,364	22	39.50	50.00	2.00	2.35	1,302	316
1826	12,976	9,526	3,450	22	39.50	50.00	2.00	2.40	1,330	328
1825	13,036	9,715	3,321	22	38.50	49.00	2.00	2.35	1,267	327
1824	13,031	9,705	3,325	21	38.00	49.00	1.95	2.40	1,248	321
1823	13,162	9,798	3,364	21	37.50	47.50	1.95	2.35	1,251	317
1822	13,337	9,936	3,401	18	33.00	43.50	1.65	2.00	1,127	315
1821	13,398	10,001	3,397	18	33.50	44.50	1.65	2.05	1,170	305
1820	13,432	10,041	3,391	28	51.00	65.00	2.80	3.30	1,790	330
1819	13,243	9,968	3,275	24	43.00	58.00	2.40	2.90	1,515	325
1818	13,391	10,053	3,338	21	37.50	48.50	2.05	2.45	1,337	331
1817	13,568	10,121	3,447	17	31.00	40.50	1.55	1.90	1,127	327
1816	13,632	10,144	3,488	18	25.00	33.00	1.25	1.50	904	318
1815	13,592	10,140	3,452	12	22.50	30.00	1.10	1.40	815	320
1814	13,580	10,147	3,433	12	22.50	29.50	1.10	1.35	804	326
1813	13,572	10,158	3,414	12	22.50	30.00	1.15	1.40	804	317
1812	13,559	10,162	3,397	12	22.00	29.50	1.10	1.40	789	321
1811	13,539	10,169	3,370	12	21.50	28.00	1.05	1.35	758	317
1810	13,555	10,174	3,381	11	21.00	28.00	1.05	1.35	755	310

Year	Wage rates				Year	Wage rates			
	Per month ³		Per day ³			Per month ³		Per day ³	
	With board and room	With house	With board and room	Without board or room		With board and room	With house	With board and room	Without board or room
	178	179	180	181		178	179	180	181
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars		
1909	22.00	28.00	1.00	1.25	1887 or 1888	13.50	19.50	0.70	1.00
1906	18.50	26.00	1.05	1.30	1884 or 1885	13.00	19.00	.70	.95
1902	15.50	22.00	.85	1.10	1881 or 1882	13.00	19.00	.70	.95
1899	14.00	20.00	.75	1.00					
1898	13.50	19.00	.70	.95	1880 or 1881	12.50	18.50	.65	.90
1895	12.50	18.50	.65	.85	1879 or 1880	11.50	17.50	.65	.90
1894	12.50	18.50	.65	.85	1877	11.00	17.00	.60	.85
1893	14.00	20.00	.70	.90					
1891 or 1892	13.50	20.00	.75	1.00	1874 or 1875	11.00	17.00	.70	.95
1889 or 1890	13.50	19.50	.70	.95	1869	10.00	15.50	.65	.85
					1866	10.00	15.50	.65	.90

* Denotes first year for which figures include Alaska and Hawaii.
¹ These annual averages are simple averages of last-of-month employment estimates.
² Includes farm operators and members of their families doing farm work without wages.
³ Annual averages are weighted averages of wage rates as reported quarterly by crop reporters. Different wage rate categories used after 1948. See text.
⁴ Cash wages and value of perquisites.
⁵ 1877 or 1878, 1878 or 1879 (combined).
⁶ For years 1866 to 1878, paid in gold.

Series K 184-191. Farm Machinery and Equipment: 1910 to 1970

[In thousands]

Year	Tractors ¹	Motor-trucks	Auto-mobiles	Grain combines	Corn-pickers	Farms with milking machines	Pickup balers	Field forage harvesters	Year	Tractors ¹	Motor-trucks	Auto-mobiles	Grain combines	Corn-pickers	Farms with milking machines
	184	185	186	187	188	189	190	191		184	185	186	187	188	189
1970	4,790	3,185		850	620		795	331	1940	2 1,567	2 1,047	2 4,144	190	110	175
1969	4,810	3,160		860	630		790	328	1939	1,445	1,020	4,030			
1968	4,822	3,130		870	640		785	325	1938	1,370	1,042	4,109			
1967	4,815	3,100		880	655		775	322	1937	1,230	990	3,962			
1966	4,800	3,060		895	675		765	320	1936	1,125	923	3,735			
1965	2 4,783	2 3,023	2 3,587	2 910	2 690	2 500	2 751	2 316	1935	1,048	890	3,642			
1964	4,755	2,970		920	705		734	312	1934	1,016	875	3,399			
1963	4,730	2,925		940	720		718	307	1933	1,019	865	3,399			
1962	4,710	2,885		960	730		703	300	1932	1,022	910	3,798			
1961	4,695	2,850		980	740		685	291	1931	997	920	4,077			
1960	2 4,685	2 2,825	2 3,629	2 1,042	2 792	2 666	2 680	2 291	1930	2 920	2 900	2 4,135	61	50	100
1959	4,673	2,800		1,045	775		645	270	1929	827	840	3,970			
1958	4,620	2,775		1,030	755		600	258	1928	782	753	3,820			
1957	4,570	2,745		1,015	740		560	240	1927	693	662	3,820			
1956	4,480	2,707		1,005	715		505	220	1926	621	559	3,605			
1955	2 4,345	2 2,675	2 4,140	2 980	2 688	2 712	2 448	2 202	1925	549	459	3,283			
1954	4,243	2,610		965	660	705	395	175	1924	496	363	3,004			
1953	4,100	2,535		930	630	690	345	148	1923	428	316	2,618			
1952	3,907	2,430		887	588	675	298	124	1922	372	263	2,425			
1951	3,678	2,325		810	522	655	240	102	1921	343	207	2,382			
1950	2 3,394	2 2,207	2 4,100	2 714	2 456	2 636	2 196	81	1920	2 246	2 139	2 2,146	4	10	55
1949	3,123	2,065		620	372	610	135	60	1919	158	111	1,760			
1948	2,821	1,900		535	299	575	90	45	1918	85	89	1,502			
1947	2,613	1,700		465	236	525	65	30	1917	51	60	966			
1946	2,480	1,550		420	203	440	54	25	1916	37	40	687			
1945	2 2,354	2 1,490	2 4,148	2 375	168	2 365	42	20	1915	25	25	472			
1944	2,160	1,385		345	146	309	34		1914	17	15	343			
1943	2,055	1,280		320	138	275	31		1913	14	10	258			
1942	1,860	1,160		275	130	255	25		1912	8	5	175			
1941	1,665	1,095		225	120	210			1911	4	2	100			
									1910	1		50	1		12

¹ Excludes steam or garden type.

² Census of agriculture data. Census dates: January 1, 1920 and 1945; April 1, 1930¹ 1940, and 1950; November 1954, 1959, and 1964.

Series K 192-194. Expenditures for, and Consumption of, Fertilizer and Lime: 1850 to 1970

Year	Farmers' expenditures for fertilizer and lime	Com-mercial fertilizer consumed in U.S. ¹	Lime consumed on farms ²	Year	Farmers' expenditures for fertilizer and lime	Com-mercial fertilizer consumed in U.S. ¹	Lime consumed on farms ²	Year	Farmers' expenditures for fertilizer and lime	Com-mercial fertilizer consumed in U.S. ¹	Lime consumed on farms ²	Year	Com-mercial fertilizer consumed in U.S. ¹
	192	193	194		192	193	194		192	193	194		193
	Mil. dol.	1,000 short tons	1,000 short tons		Mil. dol.	1,000 short tons	1,000 short tons		Mil. dol.	1,000 short tons	1,000 short tons		1,000 short tons
1970	2,222	39,591	25,901	1945	657	15,128	23,055	1920	390	7,176	2,653	1895	1,578
1969	2,084	38,948	28,803	1944	576	13,045	24,568	1919	358	6,751	2,476	1894	1,773
1968	2,130	38,743	30,536	1943	505	11,516	19,935	1918	311	6,580	2,306	1893	1,715
1967	2,124	37,081	29,202	1942	417	10,125	19,838	1917	232	6,087	2,136	1892	1,504
1966	1,952	34,532	30,461	1941	334	9,296	15,916	1916	193	5,214	1,966	1891	1,584
1965	1,754	31,836	28,075	1940	306	9,360	14,406	1915	165	5,418	1,796	1890	1,390
1964	1,701	30,681	27,002	1939	273	7,728	9,066	1914	195	7,194	1,626	1880	753
1963	1,570	28,844	26,119	1938	258	7,471	7,859	1913	175	6,416	1,456	1880	321
1962	1,474	26,615	23,616	1937	279	8,139	7,199	1912	161	5,852	1,286	1860	164
1961	1,373	25,567	22,612	1936	261	6,956	6,566	1911	168	6,108	1,116	1850	53
1960	* 1,315	24,877	22,614	1935	188	6,275	3,505	1910	152	5,547	946		
1959	1,291	25,313	22,726	1934	176	5,547	2,748	1909	120	4,821			
1958	1,206	22,516	23,215	1933	120	4,872	1,548	1908		4,449			
1957	1,166	22,709	22,476	1932	118	4,336	1,811	1907		4,307			
1956	1,166	22,194	22,021	1931	202	6,306	2,611	1906		4,249			
1955	1,185	22,726	20,659	1930	297	8,171	3,588	1905		3,913			
1954	1,209	22,773	18,975	1929	300	7,982	3,907	1904		3,704			
1953	1,178	23,413	20,669	1928	318	7,989	3,806	1903		3,382			
1952	1,184	22,432	27,262	1927	267	6,844	3,798	1902		3,084			
1951	1,064	20,991	27,583	1926	298	7,326	3,330	1901		3,044			
1950	975	18,343	29,842	1925	299	7,329	3,359	1900		2,780			
1949	895	18,542	27,902	1924	264	6,833	3,217	1899		2,603			
1948	826	17,818	25,686	1923	263	6,485	3,076	1898		2,333			
1947	755	16,839	29,283	1922	234	5,680	2,935	1897		2,181			
1946	683	15,128	29,462	1921	249	4,854	2,794	1896		1,888			

* Denotes first year for which figures include Alaska and Hawaii.

² Excludes Alaska and Hawaii for all years.

¹ Includes Puerto Rico, Hawaii, and Alaska for all years except 1920-1944; see text. Prior to 1944, data for a calendar year; thereafter, for years ending June 30.

Series K 195-203. Farmers' Marketing and Purchasing Cooperatives—Number, Memberships, and Business: 1913 to 1970

[Fiscal-year data]

Year	Cooperatives listed			Estimated memberships (1,000)			Estimated business ¹ (mil. dol.)			Year	Cooperatives listed			Estimated memberships (1,000)			Estimated business ¹ (mil. dol.)		
	Total	Mar- ket- ing	Pur- chas- ing	Total	Mar- ket- ing	Pur- chas- ing	Total	Mar- ket- ing ²	Pur- chas- ing		Total	Mar- ket- ing	Pur- chas- ing	Total	Mar- ket- ing	Pur- chas- ing	Total	Mar- ket- ing ²	Pur- chas- ing
	195	196	197	198	199	200	201	202	203		195	196	197	198	199	200	201	202	203
1970	7,790	5,015	2,775	6,355	3,133	3,222	19,080	15,207	3,873	1950	10,085	6,922	3,113	6,584	4,075	2,509	8,726	7,083	1,643
1969	7,747	4,954	2,793	6,364	3,175	3,189	17,396	13,796	3,600	1949	10,075	6,893	3,082	6,384	3,973	2,411	9,320	7,700	1,620
1968	7,940	5,105	2,835	6,445	3,259	3,186	17,034	13,513	3,521	1948	10,135	7,159	2,976	5,890	3,630	2,260	8,635	7,195	1,440
1967	8,125	5,254	2,871	6,502	3,333	3,169	16,557	13,218	3,339	1947	10,125	7,268	2,857	5,436	3,378	2,058	7,116	6,005	1,111
1966	8,329	5,380	2,949	6,826	3,672	3,154	15,608	12,523	3,085	1946	10,150	7,378	2,772	5,010	3,150	1,860	6,070	5,147	923
1965	8,583	5,498	3,085	7,082	3,831	3,251	14,742	11,832	2,910	1945	10,150	7,400	2,750	4,505	2,895	1,610	5,645	4,835	810
1964	8,847	5,621	3,226	7,080	3,655	3,425	14,354	11,522	2,832	1944	10,300	7,522	2,778	4,250	2,730	1,520	5,160	4,430	730
1963	8,907	5,696	3,211	7,219	3,623	3,596	13,842	11,138	2,704	1943	10,450	7,708	2,742	3,850	2,580	1,270	3,780	3,130	600
1962	9,039	5,833	3,206	7,099	3,464	3,635	13,024	10,463	2,561	1942	10,550	7,824	2,726	3,600	2,430	1,170	2,340	2,360	480
1961	9,163	5,941	3,222	7,203	3,523	3,680	12,409	9,937	2,472	1941	10,600	7,943	2,657	3,400	2,420	980	2,280	1,911	369
1960	9,345	6,048	3,297	7,273	3,673	3,600	12,036	9,628	2,408	1936	10,500	8,388	2,112	3,660	2,710	950	1,840	1,586	254
1959*	9,658	6,271	3,387	7,559	3,915	3,644	11,747	9,376	2,371	1931	11,950	10,362	1,588	3,000	2,608	392	2,400	2,185	215
1958	9,735	6,352	3,383	7,486	3,943	3,543	10,753	8,566	2,187	1926	10,803	9,586	1,217	2,700	2,453	247	2,400	2,265	135
1957	9,891	6,518	3,373	7,673	4,184	3,489	10,379	8,233	2,146	1921	7,374	6,476	898	(NA)	(NA)	(NA)	1,256	1,198	58
1956	9,894	6,519	3,375	7,732	4,288	3,444	9,756	7,710	2,046	1915	5,424	5,149	275	651	592	59	636	624	12
1955	9,908	6,557	3,346	7,604	4,281	3,323	9,642	7,620	2,022	1913	3,099	2,988	111				310	304	6
1954	10,072	6,698	3,374	7,608	4,355	3,252	9,475	7,497	1,973										
1953	10,128	6,750	3,378	7,475	4,336	3,139	9,521	7,508	2,013										
1952	10,179	6,855	3,324	7,364	4,331	3,033	9,410	7,491	1,919										
1951	10,064	6,781	3,283	7,091	4,212	2,879	8,147	6,462	1,685										

* Denotes first year for which figures include Alaska and Hawaii.
NA Not available.

¹ Data for years prior to 1951 are not entirely comparable due to revisions in statistical procedures in 1951.

² Includes services related to marketing or supply purchasing.

Chapter K

Agricultural Income and Finances (Series K 204-383)

K 204-219. Balance sheet of the farming sector, 1940-1970.

Source: U.S. Department of Agriculture, *The Balance Sheet of the Farming Sector* (formerly *The Balance Sheet of Agriculture*), annual issues.

The balance sheet of the farming sector is a statement of the dollar value, at a point in time, of major assets and debts of farm operators and landlords directly related to farming and farm family living. The balancing item is the equity of proprietors in those assets.

The balance sheet which originated in 1944 in the Bureau of Agricultural Economics as the "balance sheet of agriculture" provides aggregate estimates for the United States excluding Alaska and Hawaii. It is not a consolidation of the balance sheets of individual farm operators and landlords.

Balance sheets were constructed as of January 1, for each of the five years 1940-1944. The immediate aim was to provide benchmarks from which to measure changes in the farm economy in the years following World War II. The balance sheet along with an analysis of trends has been published annually since 1945. In 1969, the name was changed to "balance sheet of the farming sector" because "agriculture" had come to denote more than farm interests of operators and nonfarm landlords.

Certain assets and debts of farmers and farm landlords are not included in the accounting, due to lack of adequate data. For example, farmers' financial assets such as cash value of life insurance, savings in savings and loan associations, ownership of corporate stocks, and the value of farmer owned crops stored off farms and not under CCC loans are not included. Another limitation is the estimate of farm debt held by individuals, merchants, dealers, and other miscellaneous lenders. They are based on census surveys taken every 5 or 10 years and are less accurate than the amount of debt held by lenders who report at least annually to the Department of Agriculture (USDA).

The methodology used in constructing the balance sheet series is presented in detail in *Major Statistical Series of the U.S. Department of Agriculture, How They Are Constructed and Used*, Agriculture Handbook No. 365, vol. 6.

K 205, farm real estate. These are estimates as of March 1. They include buildings and improvements and are published annually by the Economic Research Service in "Farm Real Estate Market Developments." The index of average value per acre is used to calculate the annual dollar value per acre. The average dollar value per acre multiplied by the number of acres in farms results in the total dollar value of farmland. Estimates are made by States. Census surveys each five years serve as benchmarks. Changes in the index of value per acre based on USDA annual surveys are used to interpolate between census years.

K 206, livestock and poultry. These estimates are derived by multiplying the value per head of the various species by the number on hand at the beginning of the year. The Statistical Reporting Service supplies the basic data, which are obtained through their surveys. Commercial broilers, assumed not to be owned by farm operators or landlords, are not included.

K 207, machinery and motor vehicles. The data include the value of automobiles, trucks, tractors, combines, hay balers, forage harvesters, corn pickers, and miscellaneous other items. The value of the individual classes is obtained by adding value of purchases during the year and subtracting depreciation. The annual survey of manufactures and sample surveys of agriculture, both conducted by the Bureau of the Census, supply basic data.

K 208, crops stored on and off farms. These estimates are derived by multiplying the quantity of the various farmer-owned crops stored on farms, by States, January 1, by the average price, by States, as of the previous December 15. Crops under CCC loan are included. Quantity and price data are from the Statistical Reporting Service. Farmer-owned crops stored off farms are limited to crops under CCC loan. The value is estimated as the higher of (1) the value of the CCC loan or (2) the market value of the crop. Data are not available for value of farmer-owned crops stored off farms and not under CCC loan.

K 209, household equipment and furnishings. The Agricultural Research Service provides these estimates. Basically, the inventory value for the previous January 1 is increased by expenditures for such items and decreased by the amount of depreciation during the year. Changes in the number of farm households are considered in the calculations.

K 210, deposits and currency. Until 1961, the Board of Governors of the Federal Reserve System estimated the demand deposits of farmers in commercial banks. Farmers' time deposits in banks were estimated as a certain percentage of demand deposits based on data of insured banks in a selected sample of about 600 predominantly agricultural counties. Since 1961, the Economic Research Service has made the estimates based on (1) changes in bank demand and time deposits in the 600 selected agricultural counties and (2) changes in the index of demand and time deposits in "country banks" (members of the Federal Reserve System with head offices located in towns of under 15,000 population). The estimate of currency owned by farmers is based on a percentage of demand deposits as determined by a survey of the total U.S. population in 1960, by the Securities and Exchange Commission.

Estimates of demand and time deposits and currency of farmers may not be very accurate. Basic data used are from samples of banks which could be outdated. The measure of currency is based on assumptions and fragmentary data.

K 211, U.S. savings bonds. Farmers' holdings of U.S. savings bonds are estimated by adding purchases and interest accrued during the year to holdings at the beginning of the year and subtracting redemptions. There are no separate records of bond sales and redemptions for farmers as a group. Estimates are partially based on total sales data of series E and H bonds in about 600 selected agricultural counties which essentially are the same counties used in estimating farmers' bank deposits. Farmers' rate of redemption is assumed to be half the rate of the total population. Changes in the number of farmers are also considered. These estimates are admittedly weak.

K 212, investment in cooperatives. The net worth of farmer cooperatives is compiled from data furnished by the service or supervisory agencies for some of the various types of cooperatives, such as marketing and purchasing cooperatives, Federal land banks, production credit associations, and rural electric cooperatives. For other cooperatives, estimates are made by the Economic Research Service. A major limitation of the estimate of farmers' investment in cooperatives is that the cooperatives are not used exclusively by farmers, and all of the net worth cannot be claimed by farmers. No reliable data are available of the farmer portion of the net worth of cooperatives.

K 214, liabilities. Farm loans or farm related debts owed by farmers and farm landlords are classified for balance sheet purposes into (1) farm real estate loans and (2) farm nonreal estate loans. Data are for loans outstanding January 1.

K 215, real estate debt. These are loans owed by farmers and farm landlords and secured by mortgages or other liens on farm real estate regardless of the purpose of the loan. Terms are relatively long, usually ranging from 10 to 30 years or longer.

Farm loans held by Federal land banks, life insurance companies, commercial banks, and Farmers Home Administration are reported directly to USDA. Loans held by miscellaneous nonreporting lenders are estimated from information obtained from Bureau of the Census sample surveys every 5 or 10 years. For intercensal years it is assumed that loans held by miscellaneous lenders changed at the same rate as loans held by reporting lenders. A limitation in estimating debt held by miscellaneous lenders is the time lag between Census Bureau reports during which the rate of change may vary.

K 216-218, nonreal estate debt. These are loans owed by farmers not secured by real estate. Most such debt is for operating expenses, purchases of livestock, machinery, and repairs. Some loans are secured by crop or other chattel liens but many are unsecured. Terms are usually 12 months or less but some which involve machinery and livestock purchases or farmstead improvements may have maturities of 5 to 7 years.

Loans held by commercial banks, production credit associations, Federal intermediate credit banks, Farmers Home Administration, and Commodity Credit Corporations are reported directly to USDA. Loans held by miscellaneous lenders are estimated. Based on Census Bureau sample surveys, the percent that loans held by the miscellaneous lenders is of loans held by reporting lenders is applied annually to debt held by reporting lenders to give an estimate of debt held by miscellaneous lenders. Recent estimates are that debt held by miscellaneous lenders is equivalent to 70 percent of the non-real-estate debt held by the reporting lenders.

An important limitation of these data is the questionable accuracy of the miscellaneous debt. Except for census data and results of a few less extensive special surveys, little is known of total farm loans held by miscellaneous lenders such as individuals, merchants, dealers, and small loan companies.

K 219, proprietors' equities. These figures are the residual after subtracting total debt from total value of assets—estimated net worth or the value of unencumbered farm assets.

K 220-239. Value of gross farm product in current and constant (1958) dollars, 1929-1970.

Source: U.S. Office of Business Economics, 1929-1963, *The National Income and Product Accounts of the United States, 1929-1965*, tables 1.17 and 1.18; 1964-1967, *U.S. National Income and Product Accounts, 1964-1967*, tables 1.17 and 1.18. U.S. Bureau of Economic Analysis (formerly Office of Business Economics), 1968-1970, *Survey of Current Business*, July issues, tables 1.17 and 1.18.

The Department of Agriculture series on gross and net farm income is the basis of the agricultural components of the national income and product accounts maintained by the Bureau of Economic Analysis.

The estimates of farm income and expenditures in general refer to income from commodities and services produced on farms as defined in the Census of Agriculture, to the expenses associated with such production, and to nonfarm income received by persons living on these farms. The net income of farm operators from farming is not directly comparable with incomes in nonfarm industries, since farm operators in the main are not only involved in management (including investment decisions) but are actively working on their farms.

For bases of these data, see text for series K 256-285, K 286-302 and K 326-329.

K 240-250. Value of farm gross output and product, in current and constant (1910-14) dollars, 1800-1900.

Source: M. W. Towne and W. E. Rasmussen, "Farm Gross Product and Gross Investment During the 19th Century," *Studies in Income and Wealth*, vol. 24, National Bureau of Economic Research, 1960 (copyright).

These estimates are designed to measure the output of agriculture from 1800 to 1900 on a gross product, or "value-added" basis. The series for 1870-1900 are more reliable than for earlier years, and those for 1840-1860 are more reliable than for 1800-1830.

K 241-243, sales and home consumption of farm products, are totals of commodity values estimated separately from price and quantity estimates for individual commodities and groups of commodities. The data for 1870-1900 are based primarily on Department of Agriculture, *Gross Farm Income and Indices of Farm Production in the United States, 1869-1937*, Technical Bulletin No. 703, December 1940. Production estimates for 1840-1860 are based mostly on the Census of Agriculture. For 1800-1830, output is generally derived as the product of population and per capita production rates suggested by data for 1840-1860, although independent estimates were employed for the major cash crops, which amounted to about one-eighth of the total. Prices for current dollar valuation were obtained by extrapolating the 1870 farm price estimates of Technical Bulletin No. 703 to earlier years by changes in related wholesale prices and average prices received by farmers.

K 244, livestock inventory changes, is based on Department of Agriculture inventory and value-per-head data for 1870-1900. Inventory data from the Census of Agriculture were used for 1840-1860. For 1800-1830, the inventory estimates were projected backward from 1840 by population changes. Average values per head were projected to earlier years from 1870 by related wholesale price series.

K 245, gross rent from farm dwellings, represents imputed income from home ownership. Figures were obtained by multiplying the 1910-1914 average gross rent per farm (from the current farm income series) by the estimated number of farms in the decade years 1800-1900, and by inflating to current dollars by an index of construction costs. Estimates for number of farms were obtained from the censuses of agriculture for 1850-1900, and were extrapolated from 1850 to 1820 by the estimated number of persons engaged in agriculture, and from 1820 to 1800 by population figures.

K 247, intermediate products consumed, represents the cost of goods and services purchased for production purposes by farms from the nonfarm sector. It is deducted from gross output to derive the net contribution of the agricultural sector, or farm gross product, series K 246. The intermediate products and services originating off farms include fertilizer, cotton ginning, horseshoeing, repairs, and rent paid to nonfarm landlords. For most items, estimates for 1800-1900 were constructed by extrapolating the 1910-14 average costs in the current series backward by changes in series closely related with respect to quantity or price. The estimates of intermediate products have as a whole less foundation in census or other contemporary benchmark sources and are less reliable than the gross output estimates.

K 249 and K 250, farm-produced improvements and home manufactures, although not included in current official measurements of gross farm output, are presented here because of their greater relative importance in the earlier years. The land improvement estimates were derived as the product of average annual number of acres improved and estimated per acre labor cost of improvement. The value of home manufactures series is based on survey and census estimates for 1810 and 1840-1870, with other decades estimated on the basis of trends in real output indicated by these benchmarks; a textiles price index was used for deflation.

Estimates of data in 1910-14 dollars were derived in nearly all cases by multiplying estimated quantities of individual products by average prices for 1910-14.

K 251-255. Exports and imports of farm products, 1901-1970.

Source: U.S. Department of Agriculture, *Agricultural Statistics, 1937*, table 463; *1952*, table 817; *1957*, table 808; and *1972*, table 817.

U.S. foreign agricultural trade statistics include official U.S. data based on compilations of the Bureau of the Census. Agricultural commodities consist of (1) nonmarine food products and (2) other products of agriculture which have not passed through complex processes

of manufacture such as rawhides and skins, fats and oils, and wine. Such manufactured products as textiles, leather, boots and shoes, cigarettes, naval stores, forestry products, and distilled alcoholic beverages are not considered agricultural.

The trade statistics exclude shipments between the 50 States and Puerto Rico, between the 50 States and the outlying areas, between Puerto Rico and the outlying areas, among the outlying areas, and in transit through the United States from one foreign country to another when documented as such through U.S. Customs.

The export value, the value at the port of exportation, is based on the selling price (or cost if not sold) and includes inland freight, insurance, and other charges to the port. Except for Canada, export shipments valued \$251-\$499 (\$100-\$499 prior to October 1969) are included on the basis of sampling estimates; shipments to Canada valued \$251-\$1,999 (\$100-\$1,999 prior to October 1969) are sampled.

The export statistics also exclude shipments to the U.S. Armed Forces and diplomatic missions abroad for their own use and supplies for vessels and planes engaged in foreign trade. Data on shipments valued at less than \$251 (\$100 prior to October 1969) are not compiled by commodity and are excluded from agricultural statistics but are reflected in nonagricultural and overall export totals. The agricultural export statistics include shipments under P.L. 83-480 (Agricultural Trade Development and Assistance Act), and related laws; under P.L. 87-195 (Act for International Development); and involving Government payments to exporters. (USDA payments are excluded from the export value.) Separate statistics on Government program exports are compiled by the U.S. Department of Agriculture from data obtained from operating agencies.

Imports for consumption are a combination of entries for immediate consumption and withdrawals from warehouses for consumption. The import value, defined generally as the market value in the foreign country, excludes import duties, ocean freight, and marine insurance. Low-valued shipments under \$251 are reflected in nonagricultural and overall import totals.

K 256-285. Farm income and expenses, 1910-1970.

Source: U.S. Department of Agriculture, Economic Research Service, *The Farm Income Situation*, annual issues, and unpublished data.

These estimates refer to calendar-year income arising from commodities and services produced on farms, as defined in the Census of Agriculture, to the expenses associated with such production, and to other income received by persons living on farms.

Estimates of farm income were started in 1924 on a crop-year basis. In 1936, a legislative formula for income parity for agriculture, based on a 1910-1914 comparison of farm and nonfarm per capita incomes, resulted in an extensive project of research designed to extend the estimates back to 1910, to put them on a full calendar-year basis comparable with estimates of nonagricultural income, and to improve and expand the data in other respects.

No adequate statistics are available on farm income and expenses before 1910. Willford I. King's early estimates of the total value produced in agriculture go back to 1850, but for census years only (published in *The Wealth and Income of the People of the United States*, Macmillan Co., 1915). They were based on inadequate information and are not comparable with any of the current series. Without data for intercensal years, King's decennial figures may be misleading even as an indication of the long-term trend. The decennial projections back to 1800 prepared by the National Industrial Conference Board, *National Income in the United States, 1799-1938*, 1939, are in much the same category, and must be regarded only as very rough approximations. Annual estimates of gross farm income extending back to 1869, and covering a substantial part of total farm production, are given in Department of Agriculture, *Gross Farm Income and Indices of Farm Production and Prices in the United States, 1869-1937*, Technical Bulletin No. 703, December 1940. Although not comparable with any of the current series, these estimates are probably fairly reliable as an indication of trends in the gross value of farm production.

In the absence of any direct reporting of farm income on an adequate scale, estimates have been developed by indirect methods using available data on production, disposition, prices, and costs. The procedure followed has been to treat agriculture as one tremendous enterprise, and to derive its net income by first computing "gross income," series K 264-270, and then deducting aggregate expenses of production.

K 256-258, personal income of the farm population. Personal income of the farm population is the sum from farm and nonfarm sources. Personal income from farm sources, series K 257, is the total net income of farm operators, including government payments, less the net income of nonresident farm operators, plus wages and salaries and other labor income of farm resident workers, less contributions of farm resident operators and workers to social insurance. Personal income of the farm population from nonfarm sources, series K 258, consists of income received from nonfarm wages and salaries, business and professional income, interest, and transfer payments, such as unemployment compensation, social security, and veterans benefits. Also included is rental income from nonfarm sources and an estimate of income from items such as dividends and royalties. The figures for series K 256-258 are generally comparable throughout the period shown and are believed to be fairly complete and reliable despite the indirect methods of estimation. For a more detailed discussion and for other series, see *Major Statistical Series of the U.S. Department of Agriculture*, Agriculture Handbook No. 365, vol. 3.

K 259, farm operators' total net income. It is their realized income plus or minus the value of the net change in inventories. It is the figure included in the national income estimates of the U.S. Department of Commerce as farm proprietors' income. Series K 260, average per farm, is derived by dividing total net income by the number of farms as of January 1 each year.

K 264-270, realized gross income from farming. Figures for series K 264-270 are estimates of realized gross farm income and its principal components. These estimates are "gross" in the sense that they represent the total value of commodities and services produced by farms without any deduction for costs incurred in their production, and without any consideration of who reaps the ultimate benefit from their sale or use, whether it be a farm operator, a landlord, a farm laborer, or a bank. Cash receipts from farm marketings, in the case of crops, include all sales of crops by farmers, series K 266; purchases by other farmers for use as feed or seed are later deducted as production expenses. Similarly, in the case of livestock and products, series K 267, the estimates include all sales by farmers, with purchases of livestock by other farmers included as a production expense in series K 271-283.

For 1933-1970, realized gross farm income includes Government payments to farmers, series K 268. Indirect financial aid to farmers through commodity prices or loan values is covered in cash receipts from marketings. Government payments to landlords, as well as farm operators, are included but the former are also covered under farm production expense, series K 283, as rental payments to nonfarm landlords.

Realized gross farm income, series K 264, represents total cash farm income, series K 265; Government payments, series K 268; the value of farm-produced food and fuel consumed in farm households, series K 269; and an imputed rental value for all farm dwellings, series K 270. Farm-household consumption of farm products is valued at prices received for the sale of similar products. It includes food and fuel furnished to hired farm laborers, later deducted as a part of total labor costs to farm operators. The rental value of dwellings is on a gross basis; later deductions of rent, interest, taxes, insurance, maintenance, and depreciation are for farms as a whole with their buildings and equipment, and include shares allocable to farm dwellings.

The figures for cash receipts from marketings have been derived, commodity by commodity, from the periodic Crop Reporting Board estimates of production, disposition, price, and value. These estimates in turn are generally based on periodic census enumerations supplemented by regular reports from field statisticians, long lists of farmers,

and special crop, livestock, and price correspondents, and by records and reports of public and private agencies concerned with the inspection, storage, marketing, transportation, or processing of farm products. Separate commodities or groups are shown in series K 286-302.

K 271-283. expenses of agricultural production. The figures for total farm-production expenses, series K 271-283, comprise the aggregate cost to farm operators, or all of that part of gross farm income not retained by farm operators. It includes (1) purchases of feed, livestock, seed, fertilizer, and lime; (2) outlays for the operation of tractors, trucks, and automobiles (excluding the portion assigned to family use); (3) a large number of other current farm operating expenses; (4) charges for maintenance and depreciation of farm buildings, motor vehicles, machinery, and equipment; (5) taxes levied on farm property; (6) wages paid for hired labor, both in cash and in kind; (7) interest paid on farm-mortgage loans; and (8) net rents paid to landlords not living on farms, including that part of Government payments that goes to such landlords and not to farm operators. Other farm rents paid to landlords who are also farm operators are not included, as they constitute offsetting items of income and cost for farm operators as a group.

The estimates of production expenses are generally based on the censuses of agriculture, supplemented by special surveys. For years other than census or survey years, estimates for a specific item have for the most part been derived from relative changes in similar or related series. A combination of two series is frequently used, one indicating changes in quantity, and the other, changes in price. For a few types of costs, however, the records of public or private agencies provide the basis for direct annual estimates.

K 284. realized net income of farm operators from farming. The figures are obtained by subtracting total production expenses from realized gross farm income. The term "realized" is used because the estimates include the value only of farm products sold.

K 285. net change in farm inventories. This series measures the change in physical quantities of livestock and crops on farms, valued at average prices prevailing during the year. For some purposes, particularly for combining with the national income estimates of the nonfarm economy, which measure the net value of production during the calendar year, it is necessary to take into account changes in farm inventories. However, it should be kept in mind that the value of a buildup in inventories is "unrealized" until sold and that prices realized at the time of sale may be considerably different from those prevailing during the year of accumulation.

K 286-302. Farm income—cash receipts from farm marketings, 1910-1970.

Source: U.S. Department of Agriculture, Economic Research Service, *The Farm Income Situation*, annual issues.

Approximately 150 different commodities or commodity groups are included in the data on cash receipts from marketings. Only major groups are shown here. For crops under the Commodity Credit Corporation (CCC) loan program, a CCC loan is treated as a cash receipt. If the crop is later redeemed, the outlay required is treated as an offset to cash receipts.

See also text for series K 264-270.

K 303-325. Farm marketings, by price support status, 1930-1970.

Source: See source for series K 286-302.

The Department of Agriculture has conducted price support programs for a number of agricultural products since 1933 when supports and production controls were authorized by the Agricultural Adjustment Act of 1933. The purpose of these programs is to provide farmers certain dollars-and-cents prices for specified products as an adjunct to orderly production and marketing practices. Price support is provided primarily through nonrecourse loans and purchase agreements with farmers or by purchases from processors and others. Sup-

plies acquired by the Department of Agriculture under such programs are stored and returned to commercial channels when needs arise.

Over the years subsequent legislation has often changed the number of commodities under support, the means of supporting prices, and the rules for determining the level of support. Mandatory commodities are those for which the Secretary of Agriculture must provide support; support for nonmandatory commodities is discretionary with the Secretary. Series K 303-325 lists farmers' cash receipts from marketings, by commodity, under legislation in effect in 1969. Marketings include gross receipts from commercial market sales as well as unredeemed loans and purchases under price support programs.

K 326-329. Direct Government payments to farmers, by program, 1933-1970.

Source: See source for series K 286-302.

Direct Government payments to farmers are those made in connection with the farm programs shown in series K 326-329 (Conservation, Sugar Act, and Cotton), as well as those included in the total but not shown: Soil bank, wool, feed grain, wheat, rental and benefits, price adjustment and parity; wartime production subsidy; and cropland adjustment. These payments do not involve commodity transactions in the form of nonrecourse loans but are made directly to farmers who participate in specified farm programs.

K 330-343. Commodity Credit Corporation—summary, 1934-1970.

Source: U.S. Department of Agriculture, Agricultural Stabilization and Conservation Service, *Commodity Credit Corporation Report of Financial Condition and Operations*, annual issues.

The Commodity Credit Corporation (CCC) is a wholly-owned Government corporation. Its purpose is stabilizing, supporting, and protecting farm income and prices; assisting in the maintenance of balanced and adequate supplies of agricultural commodities; and facilitating their orderly distribution. Originally incorporated October 17, 1933, with a capitalization of \$3 million, CCC was initially managed and operated in close affiliation with the Reconstruction Finance Corporation, which funded its on-going operations. On July 1, 1939, it was transferred to the Department of Agriculture by the President's Reorganization Plan I; and on July 1, 1948, it was reincorporated as a Federal corporation within the Department of Agriculture by the Commodity Credit Corporation Charter Act. Management of CCC is vested in a Board of Directors, subject to the general supervision and direction of the Secretary of Agriculture. The Board consists of six members, in addition to the Secretary as chairman, who are appointed by the President of the United States by and with the advice and consent of the Senate.

CCC has an authorized capital stock of \$100 million held by the United States and authority to borrow up to \$14.5 billion from the U.S. Treasury and from private lending agencies. Each year CCC submits, in the budget of the United States, the programs it expects to carry out in the coming year. Upon approval of the budget by the Congress, this becomes its basic operating plan for the fiscal year.

CCC's price support programs, and domestic acquisition and disposal activities for price support commodities, are carried out entirely through the Agricultural Stabilization and Conservation Service (ASCS).

Commodity support programs include (1970) those for wheat, corn, cotton (upland and extra long staple), rice, tobacco, milk and milk products, wool, mohair, tung nuts, barley, oats, grain sorghum, rye, flaxseed, soybeans, dry edible beans, honey, crude pine gum, and peanuts. These support operations are handled primarily through loan, purchase, and payment programs.

CCC is directed to utilize, to the maximum extent practicable, the customary channels, facilities, and arrangements of trade and commerce in carrying on purchasing and selling activities, and in conducting warehousing, transporting, processing, and handling operations.

CCC may contract for the use of plants and facilities for the handling, storing, processing, servicing, and transporting of agricultural commodities subject to its control; it has authority to acquire personal property and to rent or lease office space necessary for the conduct of its business.

Commodities from the price support inventory are moved into consumption outlets in various ways. Some commodities are sold for domestic uses in the United States, and some are sold for export, including those under the CCC Export Sales Program and programs authorized under Title I of Public Law 480. Some commodities are bartered for goods and services to fill U.S. Government needs abroad, and for foreign produced strategic and critical materials for stockpiling. In addition, commodities are donated through Federal, State, and private agencies for use in child nutrition programs and in the assistance of needy persons in the United States; commodities are transferred for donation through U.S. welfare organizations and intergovernmental organizations to needy persons and child feeding programs abroad; and dairy products are transferred for use by the Veterans Administration and by the Department of Defense. Some grains are donated to aid livestock producers in declared acute economic distress and major disaster areas; some grains are sold at reduced prices to livestock producers in areas where feed is short due to drought, flood, hurricane, or other catastrophe.

K 344-353. Indexes of prices received and paid by farmers, and parity ratio, 1910-1970.

Source: U.S. Department of Agriculture, Statistical Reporting Service, *Agricultural Prices: Annual Summary*, various issues.

The indexes of prices received and paid by farmers are compiled from the series of prices received by farmers for commodities sold and the series of prices paid by farmers for commodities bought.

The basic concept involved in series K 344-346 is that of a price which, if multiplied by the total quantity of the commodity sold, would give the total amount received by all farmers for that commodity. That is, prices received by farmers are estimated to reflect sales of all classes and grades of the commodity being sold. They reflect discounts for poor quality and premiums for high quality. Estimates relate generally to average prices farmers receive for their products at the point of first sale, usually at a local market, or at the point to which farmers deliver their products.

The Statistical Reporting Service (SRS) estimates midmonth or monthly average prices each month for about 95 of the more important crop and livestock items, and for 17 seasonal items in season. Prices of about 100 additional items are estimated on an annual or season average basis only. These crops have either relatively short marketing seasons, are of relatively minor importance, or are used for processing and sold mainly on contracts covering the entire season.

Prices received by farmers for products they sell were collected from various primary sources, but mostly from voluntary reporters. In general, price reporters were classified in the following broad groups: (1) Country merchants; (2) farm produce dealers at local shipping points; (3) country mill and elevator operators; (4) Federal Milk Market Administrators; (5) State milk control agencies; (6) managers of milk distributing or manufacturing plants; (7) cooperative marketing organizations; (8) country bankers; and (9) well-informed farmers.

Most of the data on prices received were collected by means of a mailed questionnaire supplemented by enumerative checks of various types, depending on the commodities in question. Prices of beef cattle were collected by enumeration of actual sales by commission firms and to buyers at auctions in a number of States.

Estimates of prices paid by farmers, series K 347 and K 348, relate to average prices paid for a wide variety of items. The prices were obtained from the sellers and considered as being at the seller's location, unless otherwise specified. Since prices received were estimated to reflect sales of all classes and grades of the commodity being sold, a comparable concept was used in connection with prices paid, so

as to reflect changes in items bought by farmers, such as grade, quality, and size of container; that is, to reflect the average price of things farmers bought under the economic conditions existing at the time of purchase.

Ideally, to maintain conceptual similarity to prices received, the price paid for a given item should be the average price which results from dividing the total amount farmers spent for the item in a given period by the number of items bought. However, it was impossible to obtain the data needed for such a computation, and in pricing most items emphasis was placed on the kind "most commonly bought by farmers," or the "volume seller," as the closest approximation.

The commodity coverage of the prices paid series embraced most, but not all, of the major areas of expenditure and each area was represented by a sample of items. The areas covered were divided into two main groups, those bought for family living (food, clothing, household furnishings, household operation, autos and auto supplies, and building materials bought for farm home construction and repair), and those bought for production purposes (feed, feeder livestock, motor supplies, motor vehicles, farm machinery, building materials for service buildings, fencing materials, fertilizer, farm supplies, and seed). Farm family expenditures excluded medical, dental, and hospital services; a variety of personal and financial services; and services performed on a custom or fee basis such as hay baling, threshing, plowing, spraying, fertilizing, and the like.

Prices paid information was collected from samples consisting mainly of stores handling commodities purchased by farmers. Farmers comprise the data source for certain commodities or services such as feeder pigs purchased and cost of electric or telephone service.

The index of prices received by farmers is a measure of the changes in average prices that farmers receive for agricultural commodities that they sell. The parity index (index of prices paid by farmers for commodities and services, including interest, taxes, and wage rates) is a measure of changes in average prices paid by farmers for goods and services used in family living and in production, together with interest, taxes, and farm wage rates. The base period for both is 1910-14, by law. A third important measure, known as the parity ratio, consists of the relationship between these two indexes, series K 353. The parity ratio measures the purchasing power of products sold by farmers in terms of things they buy compared to their purchasing power in the base period 1910-14. As of any given date it is computed by dividing the index of prices received by farmers by the parity index. If the result is above 100, products sold by farmers have an average per unit purchasing power higher than in 1910-14. When the result is below 100, the average per unit purchasing power of commodities sold by farmers is less than in the base period.

The parity ratio approximates a weighted average of the percentages of parity for individual farm commodities, but is not exact, mostly for the reason that the index of prices received by farmers is based on 56 of the most important commodities sold by farmers, but not all of them. The parity ratio is a price comparison. It is not a measure of cost of production, standard of living, or income parity.

The last general revision of these indexes was made January 1, 1959, at which time a detailed description of the weighting structure and sources was published in *The January 1959 Revision of the Price Indexes*. For the parity index the weighting pattern for the 450-price series in the index was derived from a survey of farmers' expenditure patterns in 1955. The quantity weights applied to the various price series represent the average quantities of each commodity bought by farmers during 1955. For the index of prices received by farmers the quantity weights were the average quantities of farm products sold by farmers over the 5-year period centered on 1955, that is 1953-57. Since 1955, only minor shifts in commodities have been made as certain new items have replaced older ones. The description of the indexes published in 1959 is still applicable. However, the 1910-14 base required by law is now over 50 years distant. To provide comparability with other national indexes, the index of prices received by farmers and the parity index were converted to the 1967 base prescribed by the Office of Management and Budget, for use

by Federal agencies generally. However, mere arithmetic conversion to a different reference base is no substitute for initial computation of the indexes on a modern base.

To find any extensive list of commodities commonly bought both now and a half-century ago is obviously impossible. What has been done as the best possible alternative is to construct these indexes in three links. The first link covers the period 1910 to March 1935, and uses commodities common to that period and weights based on data representing an average for 1924-29. The second link covers the period March 1935 to September 1952, using commodities common to that period and weights representative of 1937-41. The third link runs from September 1952 to the present (1970), and uses weights representing 1955 for the parity index and 1953-57 for prices received. Each of these links provides reasonable homogeneity in commodity structure and a reasonably good measure of price relationships over the period covered. By linking the three indexes together, a comparison of the present with 1910-14 is provided as required by law.

K 354-357. Farm-to-retail price spreads of farm food products, 1913-1970.

Source: U.S. Department of Agriculture, Economic Research Service, *Farm-Retail Spreads for Food Products*, Miscellaneous Publication No. 741, 1972.

The market basket contains the average quantities of domestic farm-originated food products purchased annually per household in 1960-1961 by wage earners, clerical-worker families, and workers living alone. To maintain comparability, the 1961-1962 market basket was linked at 1957 to a market basket containing the quantity of farm food purchased annually by wage earner and clerical-worker families in 1952. The series was also linked at 1947 to a market basket containing the quantities of food purchased annually by a family in 1935-1939. Dollar values for 1913-1946 were derived from index numbers published in the source. Current data are published by the Economic Research Service in *The Marketing and Transportation Situation*.

Retail costs are calculated from retail prices published by the Bureau of Labor Statistics. The retail cost of market basket foods is less than the cost of all foods bought per household because it does not include the cost of meals in eating places, imported foods, and seafood or other foods not of farm origin. Farm value represents payments to farmers, exclusive of government subsidies, for unprocessed products equivalent to the foods in the market basket. The farm-retail spread is the difference between retail cost and farm value. It represents the total gross margin received by marketing firms for assembling, processing, transporting, and distributing the products of the market basket.

K 358-360. Consumer expenditures, farm value, and marketing bill, for all farm food products purchased by domestic civilian consumers, 1913-1970.

Source: U.S. Department of Agriculture, Agricultural Marketing Service, 1913-1947, *Farm-Retail Spreads for Food Products*, Miscellaneous Publication No. 741, 1957; Economic Research Service, revised figures for 1929, 1935, and 1939, *The Farm Food Marketing Bill and Its Components*, AER No. 105, 1967; 1947-1970, *Marketing and Transportation Situation*, August 1971.

Consumer expenditures for farm foods, series K 358, represent the market value of foods originating on U.S. farms and purchased by or for civilian consumers in this country. Included are expenditures for food in retail stores and for food bought directly from farmers, processors, and wholesalers and served in restaurants and other away-from-home eating establishments; the value of food served by schools, hospitals, and other institutions, and of food furnished by employers to civilian employees; and sales taxes and tips. Excluded are expenditures for imported foods, fish and other foods not originating on U.S. farms, and alcoholic beverages; the value of food furnished by

the Government to members of the Armed Services; and the value of food consumed on farms where it is produced.

Farm value, series K 359, is the value at the point of sale by the farmer of the farm products equivalent to foods purchased by or for civilian consumers. It does not include the imputed values of nonfood byproducts derived from processing farm food products.

The marketing bill, series K 360, is an estimate of the total cost of transporting, processing, and distributing U.S. farm-originated foods purchased by civilian consumers. It is the difference between consumer expenditures and farm value. Unlike the farm food market basket statistics, series K 354-357, the marketing bill statistics are affected by changes in the volume and type of products marketed and in the quantity of marketing services per unit of product marketed. For example, marketing services per unit of product change when the volume of foods served in eating establishments increases or decreases relative to the volume moving through retail food stores. They may also change when the volume of processed products changes relative to the volume of unprocessed products.

Benchmark estimates of consumer expenditures, farm value, and the marketing bill have been made for census years back to 1929 for the revised series by the commodity flow method. Annual estimates, derived by a less comprehensive method, have been used to interpolate for interbenchmark years back to 1947 and to extrapolate for years since the last benchmark estimate (1958). See *Major Statistical Series of the U.S. Department of Agriculture*, Agriculture Handbook No. 365, vol. 4.

K 361-369. Farm-mortgage debt outstanding and loans closed, 1910-1970.

Source: 1910-1928, U.S. Department of Agriculture, Agricultural Research Service and Economic Research Service; U.S. Bureau of the Census; Farm Credit Administration; and Federal Deposit Insurance Corporation. For specific sources, see below. 1929-1970, U.S. Department of Agriculture, Statistical Reporting Service, *Agriculture Statistics, 1967 and 1972* issues. See also *Major Statistical Series of the U.S. Department of Agriculture*, Agriculture Handbook No. 365, vol. 6.

Farm-mortgage credit has been referred to as farm-real-estate credit, long-term credit, or capital credit. The data presented here, however, merely represent the amount of credit secured by farm real estate, whether it is extended for a short term or a long term, whether it is used for purchasing the farm, operating the farm, or financing nonagricultural activities, and whether the loan instrument is a mortgage, deed of trust, vendor's lien, or sales contract.

Estimates of farm-mortgage debt outstanding at the beginning of each year, series K 361, are based upon census data and special surveys. Data on mortgage debt on farms operated by full owners appear in each census back to 1890, except that for 1900. In 1890, 1940, 1945, 1950, 1956, 1961, and 1966, similar information was collected on the owned part of part-owner farms.

Mortgage data may be found in the following reports of the Bureau of the Census: Eleventh Census, 1890, *Report on Real Estate Mortgages*; Thirteenth Census, 1910, *Agriculture*, vol. V, chap. 3; Fourteenth Census, 1920, *Agriculture*, vol. V, chap. 7; Census of Agriculture, 1925, *Summary Statistics by States*; Fifteenth Census, 1930, *Agriculture*, vol. IV, chap. 6; Sixteenth Census, 1940, *Agriculture*, vol. III, chap. 4; *Census of Agriculture, 1964*, vol. III, Special Reports, pt. 4, Farm Debt. Data for 1935, 1945, 1950, 1956, and 1961 are in three cooperative publications—Bureau of the Census and Bureau of Agricultural Economics, *U.S. Census of Agriculture: 1950*, vol. V, pt. 8; Bureau of the Census and Agricultural Research Service, *U.S. Census of Agriculture: 1954*, vol. III, pt. 5; and Bureau of the Census and Economic Research Service, *U.S. Census of Agriculture: 1959*, vol. V, pt. 4.

In 1920, 1928, and 1930 the Bureau of Agricultural Economics conducted surveys on which estimates of debt on farms operated by part owners, tenants, and managers were based. The Bureau

of the Census and the Bureau of Agricultural Economics cooperated in the 1935, 1940, 1945, 1950, 1956, and 1961 surveys. The Bureau of the Census conducted the 1966 survey. The results of the 1928 survey, which included 1925 data, were published in Department of Agriculture, *Farm-Mortgage Credit*, Technical Bulletin No. 288, February 1932. Results of the later surveys appear in the three cooperative publications and *Census of Agriculture: 1964*, Special Report, referred to above. Some earlier census-year estimates were revised on the basis of relationships established by the more recent surveys to make estimates for all census years more comparable.

Estimates for intercensal years are based on data for mortgages held by certain lending agencies, on estimates of farm mortgages recorded annually by major lender groups, and on the distribution by lenders of farm-mortgage debt in the last preceding census. Whenever a new census-year benchmark was established, the intercensal-year estimates were revised to reflect the new trend. For the years prior to 1935, the data on mortgages recorded were compiled from the records of selected counties through a nationwide Works Progress Administration project sponsored by the Bureau of Agricultural Economics. For 1935-1970, this information was collected by the Farm Credit Administration. Revisions of annual debt estimates for 1950-1957 appear in Agricultural Research Service, *Farm-Mortgage Debt Rises in 1957*, ARS 43-59, September 1957. A number of publications of the Bureau of Agricultural Economics contain annual estimates of farm-mortgage debt revised to the last census-year benchmark preceding the date of publication: *Revised Annual Estimates of Farm-Mortgage Debt by States, 1930-1943*, April 1944; *Distribution by Lender Groups of Farm-Mortgage and Real Estate Holdings, January 1, 1930-1945*, August 1945; *Farm-Mortgage Loans and Their Distribution by Lender Groups, 1940-1948*, USDA Circular No. 812, August 1949; *Agricultural Finance Review*, vol. 15 supplement I, May 1953, which has annual data by States for 1945-1953; *Farm Mortgage Debt, FMD-1*, May 1963, which has annual data by States for 1950-1962; *Farm Mortgage Debt, FMD-3*, October 1964, which has annual data by States for 1963-1964; *Farm Mortgage Debt, FMD-5*, October 1966, which has annual data by States for 1965-1966; *Farm Mortgage Debt, FMD-7*, December 1968, which has annual data by States for 1967-1968; *Farm Mortgage Debt, FMD-9*, November 1970, which has annual data by States for 1960-1970.

K 362 and K 368, Federal land banks and FFMC. The Federal land banks were organized pursuant to the Federal Farm Loan Act of 1916 and became important lenders in the farm-mortgage field, particularly after 1933. The data on loans outstanding and loans closed are from publications of the Farm Credit Administration or its predecessor, the Federal Farm Loan Board. Land Bank Commissioner loans, first made under the authority of the Emergency Farm-Mortgage Act of 1933, were taken over by the Federal Farm Mortgage Corporation upon its creation in 1934 and were continued until July 1, 1947, when authority to make new loans, except those incidental to liquidation, expired. In 1955, the remaining outstanding loans of the Corporation were sold to the Federal land banks. For a discussion of these agencies, see Department of Agriculture, *Farm-Mortgage Credit Facilities in the United States*, Miscellaneous Publication No. 478, 1942, and annual reports of the Farm Credit Administration.

K 363, life insurance companies. Figures on farm-mortgage debt held by life insurance companies are estimates of the Bureau of Agricultural Economics, the Agricultural Research Service, and the Economic Research Service, and refer to unpaid principal owed to the companies. The estimates are compiled from reports of life insurance companies, "Best's Life Insurance Reports," "Spectator Life Insurance Yearbook," and data from the Life Insurance Association of America and the Institute of Life Insurance. The data for 1910-1929 include the unpaid principal of regular mortgages only; for 1930-1970, they also include the unpaid principal of purchase-money mortgages and, prior to 1965, farm real estate sales contracts. Beginning 1965, they exclude sales contracts. See also the following Department of Agriculture publications: *Farm-Mortgage Loans Held by Life Insurance*

Companies, ARS 43-58, October 1957; *Farm Investments of Life Insurance Companies, 1956*, ARS 43-57, October 1956; and *Farm-Mortgage Investments of Life Insurance Companies*, December 1943.

K 364, commercial and savings banks. Figures on farm-mortgage debt held by commercial and savings banks for 1910-1947 do not cover all banks, but they do represent a very large proportion of all bank loans on farm real estate. For 1910-1934, the data include only open State and national banks, and are estimates prepared by the Bureau of Agricultural Economics from special surveys and reports of bank supervisory authorities. (See *Agricultural Loans of Commercial Banks*, USDA Technical Bulletin No. 521, July 1936, for a discussion of these special surveys.) For 1935-1947, the data include only farm-mortgage loans of insured commercial banks as summarized in reports of the Federal Deposit Insurance Corporation. For 1948-1970, the data include farm-mortgage debt held by all operating banks—commercial, savings, and private—as compiled by the Federal Deposit Insurance Corporation and published in annual reports of the Comptroller of the Currency, and also bank holdings of soil and water loans and farm-ownership loans insured by the Farmers Home Administration. Sales contracts on farm real estate may or may not be included in the figures, because banks often classify such contracts with the real estate owned. The figures do not include loans of closed banks, of mutual savings banks before 1948, nor of noninsured commercial banks for 1935-1947.

K 365 and K 369, joint-stock land banks. The joint-stock land banks also authorized under the Federal Farm Loan Act of 1916, were under Federal supervision and regulation, but differed from the Federal land banks in that they were privately owned. Their organization and growth are discussed in C. H. Schwartz, Jr., *Financial Study of the Joint-Stock Land Banks*, Washington College Press, Takoma Park, Md., 1938, as well as in the publications cited above for Federal land banks. Liquidation of the joint-stock banks was called for in the Emergency Farm Mortgage Act of 1933 and was completed in 1951. For several Federal and federally sponsored agencies, "loans closed" include only their regular loans as distinct from purchase-money mortgages and sales contracts, and they are not necessarily comparable with "loans recorded" by other lender groups.

K 366, Farmers Home Administration. Data from the Farmers Home Administration, formerly Farm Security Administration, include farm-purchase, farm-enlargement, farm-development, project-liquidation, and direct soil and water loans to individuals, loans for these purposes from State Corporation trust funds, and rural-housing loans to farmers.

K 367, individuals and others. Individuals are by far the most important holders of farm mortgages. Because of its residual nature, this general lender group also includes many miscellaneous sources of farm-mortgage credit, including mortgage, real estate, finance, and investment companies; State and local governmental agencies; religious, educational, civic, and fraternal organizations; mercantile firms dealing largely in farm supplies; lending agencies operating chiefly in the urban mortgage field but sometimes lending on farmland; corporations and associations chiefly engaged in making production loans but sometimes requiring real estate as security. In addition to these are the loans of mutual savings banks, for 1910-1947; closed commercial banks; non-insured commercial banks for 1935-1947; insurance companies other than life insurance companies; and certain types of loans not specifically included in the figures for the major lending groups.

K 370-372. Interest payable on farm mortgages, 1910-1970.

Source: 1910-1948, U.S. Department of Agriculture, Agricultural Research Service and Farm Credit Administration, unpublished data; series **K 370**, 1949-1964, Economic Research Service, annual releases with various titles; 1965-1969, *Agricultural Finance Review* and supplements, annual volumes; series **K 371-372**, 1949-1970, Statistical Reporting Service, *Agricultural Statistics, 1967* and *1972* issues, and Economic Research Service, *Agricultural Finance Review*, vol. 32 supplement, January 1972.

These data represent average contract rates. They are averages of the rates charged by the various types of lenders weighted by the amount of mortgages recorded or held by each. Furthermore, they are averages of rates on all farm mortgages regardless of their priority. Year-to-year changes in the average rates do not necessarily reflect changes in the level of interest rates charged by the different lenders but may represent changes in the distribution among the lender groups of loans recorded or held. The averages are based on the rates specified in the mortgage contract and payable by borrowers during the calendar year; they do not necessarily represent averages of the rates actually paid, except that for rates on outstanding mortgages, they do reflect the temporarily reduced rates of the Federal land banks for 1934-1944 and of the Federal Farm Mortgage Corporation for 1938-1945.

Some information either on interest rates or interest charges on outstanding mortgages was obtained in the censuses of agriculture for 1890, 1920, 1930, and 1940.

K 370, interest rates on loans recorded. Interest rates on mortgages recorded come from two sources. Rates for 1910-1935 were developed from data obtained in a nationwide Works Progress Administration project sponsored by the Bureau of Agricultural Economics (see that agency's *Average Rates of Interest Charged on Farm-Mortgage Recordings of Selected Lender Groups*, November 1940).

The averages for odd-numbered years from 1941 to 1953 are estimates of the Farm Credit Administration based on mortgages recorded during the month of March in approximately one-third of the counties in the United States. For 1955-1965, the average interest rates are based on mortgages recorded in the first quarter of the year. For 1967 and 1969, the average interest rates are based on mortgages recorded in the first half of the year.

K 371, interest rates on loans outstanding. Average interest rates on outstanding mortgages for 1937-1970 are based on data obtained by the Bureau of Agricultural Economics, the Economic Research Service, the Agricultural Research Service, and the Bureau of the Census in special surveys made in census years and from Farm Credit Administration surveys of farm-mortgage recordings made in selected months of intercensal years. For 1910-1936, the rates are based on the WPA data mentioned above. Rates on mortgages recorded as reported in the WPA project were converted to rates on outstanding mortgages by assuming that all mortgages recorded remained in effect for a period equal to the average of the terms of years specified in the mortgage contracts. This procedure was used for all lender groups except the Federal land banks and Federal Farm Mortgage Corporation for which averages were computed from information on the amount of loans outstanding at various interest rates. (See Bureau of Agricultural Economics, *Interest Charges Payable on Farm Indebtedness in the United States, 1910-40*, August 1942.) Some of the data for years after 1930 were later revised; see Bureau of Agricultural Economics, *Revised Annual Estimates of Interest Charges and Interest Rates on Farm-Mortgage Debt, 1930-43*, October 1944, and USDA Circular No. 821, *Farm-Mortgage Interest Charges and Interest Rates, 1940-48*, October 1949.

K 372, interest charges payable. Figures for interest charges payable were developed from the estimates of farm-mortgage debt outstanding at the beginning of each year and the average interest rates charged thereon, except in the case of the Federal land banks and the Federal Farm Mortgage Corporation. Calendar-year estimates were computed by averaging the charges payable on debts outstanding at the beginning of each year and the beginning of the succeeding year. For the Federal land banks and the Federal Farm Mortgage Corporation, the actual amounts of interest charges payable on their outstanding loans during the calendar year were obtained from the Farm Credit Administration. These amounts, of course, excluded those charges no longer payable because of the interest reductions granted to borrowers.

K 373-375. Taxes levied on farm property, 1890-1970.

Source: U.S. Department of Agriculture, Economic Research Service, series **K 373-374**, *Farm Real Estate Taxes, Recent Trends and De-*

velopments, January 1972; series **K 375**, 1924-1967, *Personal Property Taxes Levied on Farmers, 1950 to 1967*, Statistical Bulletin No. 447, March 1970; 1968-1970, unpublished data.

These data cover all ad valorem taxes levied upon farm property by State and local governments. They do not cover special assessments such as those levied by drainage, irrigation, or other special districts. Farm real estate comprises all land defined by the Bureau of the Census as land in farms, and structures thereon (see general note for series K 1-203). Farm personal property covers all livestock, machinery, automobiles, trucks, produce, and household and personal effects. Much personal property on farms is not taxed, either because of statutory exemptions or through faulty assessment.

Taxes include those levied on farm property whether owned by the operator or not. They do not necessarily represent taxes paid by farmers. "Levies" rather than "payments" are shown because the timing of actual payments is uncertain.

Real estate tax figures are developed from data for sample farms obtained from local tax officials and from data in the censuses of agriculture for 1930, 1940, 1950, and 1960. The acreages used in computing taxes per acre are census data for farmland in private ownership, with interpolations for intercensal years. The values used in computing taxes per \$100 of value are based on census data of operator estimates of value, with interpolations for intercensal years based on the ERS index of farmland values. For a more detailed discussion, see U.S. Department of Agriculture, *Major Statistical Series of the U.S. Department of Agriculture*, Agriculture Handbook 365, vol. 6.

Personal property tax figures are developed from statistical data on assessed values and taxes published by State tax commissions, boards of equalization, or similar bodies.

K 376-380. Non-real-estate agricultural loans outstanding, 1910-1970.

Source: Series **K 376-379**, 1910-1934 and 1936-1938, Federal Farm Loan Board and Farm Credit Administration, unpublished data; 1939 and 1941-1944, U.S. Department of Agriculture, Statistical Reporting Service, *Agricultural Statistics, 1967*; 1935, 1940, and 1945-1970, Economic Research Service, *Agricultural Finance Review*, vol. 32 supplement, January 1972. Series **K 380**, 1934-1938, see source for series K 376-379; 1939-1970, *Agricultural Statistics, 1967* and *1972* issues.

See also specific sources mentioned below.

Non-real-estate credit, variously called short-term credit, personal and collateral credit, or production credit, is obtained by farmers from many sources including banks, Federal and federally sponsored credit agencies, merchants, dealers, commission men, finance companies, landlords, and other individuals. Commercial banks have provided the bulk of this type of credit extended by credit institutions although, since the early 1930's, Federal and federally sponsored agencies and finance companies have become important in this lending field. The volume of non-real-estate credit extended by sources other than banks and Federal agencies is believed to have been about \$3½ billion in recent years; however, data for precise estimates are lacking.

Since 1939, non-real-estate agricultural loan data of all operating commercial banks have been available from the Comptroller of the Currency and the Federal Deposit Insurance Corporation. Since 1936, similar loans of insured commercial banks, whose loans comprise about 97 percent of the loans of all banks, have been regularly reported by the Federal Deposit Insurance Corporation. For earlier years, the only data of this type available are from Department of Agriculture surveys made in 1914, 1918, 1921, 1924, 1931, 1934, and 1936, all of which (except for 1936) are discussed in that Department's *Agricultural Loans of Commercial Banks*, Technical Bulletin No. 521, July 1936. Upon the basis of these survey data and of data on all loans of "country" national banks for intervening years, estimates have been made back to 1910. See *Agricultural Finance Review*, "Short-Term Agricultural Loans of Commercial Banks, 1910-1945," vol. 8, November 1945; and *Major Statistical Series of the U.S. Department of Agriculture*, Agriculture Handbook No. 365, vol. 6.

The Federal Government first entered the non-real-estate agricul-

Series K 204-219. Balance Sheet of the Farming Sector: 1940 to 1970

[In billions of dollars. As of January 1. Excludes Alaska and Hawaii]

Year	Assets									Claims						Proprietors' equities
	Total	Physical					Financial			Total	Liabilities					
		Real estate	Nonreal estate				Deposits and currency	U.S. savings bonds	Investment in cooperatives		Real estate debt	Nonreal estate debt				
			Live-stock and poultry ¹	Ma-chinery and motor vehicles	Crops stored on and off farms ²	House-hold equip-ment and furnishings						Com-modity Credit Corporation (CCC) ³	Other reporting institutions ⁴	Non-institutional creditors ⁵		
204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	
1970	305.8	207.1	23.5	31.8	10.9	9.7	11.9	3.7	7.2	305.8	58.1	28.4	2.7	15.8	11.2	247.7
1969	294.8	201.5	20.2	30.9	10.6	9.6	11.5	3.7	6.8	294.8	54.6	27.1	2.7	14.5	10.3	240.2
1968	280.1	192.0	18.8	29.5	9.6	9.0	10.9	3.8	6.5	280.1	50.4	25.5	1.4	13.7	9.8	229.7
1967	266.8	181.8	18.9	27.3	10.0	8.4	10.3	3.9	6.2	266.8	45.7	23.3	1.2	12.4	8.8	221.1
1966	253.8	172.2	17.6	25.8	9.7	8.6	10.0	4.0	5.9	253.8	41.6	21.2	1.4	11.1	7.9	212.2
1965	237.2	160.9	14.4	24.7	9.2	8.6	9.6	4.2	5.6	237.2	37.6	18.9	1.5	10.0	7.2	199.6
1964	229.2	152.1	15.8	23.9	9.8	8.8	9.2	4.2	5.4	229.2	34.9	16.8	1.9	9.5	6.7	194.3
1963	221.4	143.8	17.3	23.4	9.3	9.0	9.2	4.4	5.0	221.4	31.7	15.2	2.0	8.5	6.0	189.7
1962	212.8	138.0	16.4	22.5	8.8	9.1	8.8	4.4	4.8	212.8	28.7	13.9	1.9	7.5	5.4	184.1
1961	204.2	131.8	15.5	22.2	8.0	8.9	8.7	4.6	4.5	204.2	26.2	12.8	1.4	7.0	5.0	178.0
1960	203.5	130.2	15.2	22.7	7.7	9.6	9.2	4.7	4.2	203.5	24.8	12.1	1.1	6.7	4.9	178.7
1959	202.1	124.4	17.7	21.8	9.3	9.8	10.0	5.2	3.9	202.1	23.6	11.1	2.5	5.7	4.3	178.5
1958	185.8	115.9	13.9	20.2	7.6	9.9	9.5	5.1	3.7	185.8	20.4	10.4	1.2	5.0	3.8	165.4
1957	177.9	110.4	11.0	20.2	8.3	10.0	9.4	5.1	3.5	177.9	19.3	9.8	1.5	4.5	3.5	158.6
1956	169.6	102.9	10.6	19.3	8.4	10.5	9.5	5.2	3.2	169.6	18.8	9.0	1.9	4.4	3.5	150.8
1955	165.1	98.2	11.2	18.6	9.6	10.0	9.4	5.0	3.1	165.1	17.6	8.2	2.2	4.0	3.2	147.5
1954	161.2	95.0	11.7	18.4	9.2	9.9	9.4	4.7	2.9	161.2	16.9	7.7	2.4	3.7	3.1	144.3
1953	164.3	96.5	14.8	17.4	9.0	9.9	9.4	4.6	2.7	164.3	16.1	7.2	1.2	4.2	3.5	148.2
1952	167.0	95.1	19.5	16.7	8.8	10.3	9.4	4.7	2.5	167.0	14.7	6.7	.6	4.1	3.3	152.3
1951	151.5	86.6	17.1	14.1	7.9	9.7	9.1	4.7	2.3	151.5	13.1	6.1	.8	3.4	2.8	138.4
1950	132.5	75.8	12.9	12.2	7.6	8.6	9.1	4.7	2.1	132.5	12.4	5.6	1.7	2.8	2.3	120.1
1949	184.0	76.6	14.4	10.1	8.0	9.1	9.0	4.6	1.9	134.9	11.4	6.3	1.2	2.7	2.2	123.6
1948	127.9	73.7	13.3	7.4	9.0	8.5	9.9	4.4	1.7	127.9	9.3	5.1	.1	2.3	1.8	118.6
1947	116.4	68.5	11.9	5.3	7.1	7.7	10.2	4.2	1.5	116.4	8.5	4.9	.1	2.0	1.5	107.9
1946	103.5	61.0	9.7	5.4	6.3	6.1	9.4	4.2	1.4	103.5	8.0	4.8	.3	1.7	1.2	95.5
1945	94.2	53.9	9.0	6.5	6.7	5.6	7.9	3.4	1.2	94.2	8.3	4.9	.7	1.6	1.1	85.9
1944	84.6	48.2	9.7	5.4	6.1	5.3	6.6	2.2	1.1	84.6	8.9	5.4	.6	1.7	1.2	75.7
1943	73.7	41.6	9.6	4.9	5.1	5.0	5.4	1.1	1.0	73.7	10.0	6.0	.8	1.7	1.5	63.7
1942	62.9	37.5	7.1	4.0	3.8	4.9	4.2	.5	.9	62.9	10.5	6.4	.6	1.8	1.7	52.4
1941	55.0	34.4	5.3	3.3	3.0	4.2	3.5	.4	.9	55.0	10.4	6.5	.6	1.6	1.7	44.6
1940	52.9	33.6	5.1	3.1	2.7	4.2	3.2	.2	.8	52.9	10.0	6.6	.4	1.5	1.5	42.9

¹ Beginning 1961, excludes horses and mules.
² Includes crops held on farms and crops held off farms by farmers as security for CCC loans. On Jan. 1, 1970, the latter totaled \$1,184 million.
³ Nonrecourse CCC loans secured by crops owned by farmers and included as assets.
⁴ Loans of all operating banks, production credit associations, Farmers Home Administration, and discounts of Federal intermediate credit banks for agricultural credit corporations and livestock loan companies.
⁵ Loans and credit extended by dealers, merchants, finance companies, individuals, and others.

Series K 220-239. Value of Gross Farm Product in Current and Constant (1958) Dollars: 1929 to 1970

[For explanation of concepts of gross product and national income, and current and constant dollars, see text for series F 1-5, F 6-9, and F 47-70]

Series No.	Item	1970	1969	1968	1967	1966	1965	1964	1963	1962	1961	1960
CURRENT DOLLARS (mil. dol.)												
220	Total value of farm output	54,226	51,821	47,571	46,578	46,382	43,457	39,373	40,997	39,928	38,443	37,564
221	Cash receipts from farm marketings and CCC loans	50,352	48,105	44,136	42,615	43,371	39,371	36,823	37,046	36,068	34,985	34,108
222	Farm products consumed directly in farm households	745	750	732	745	817	813	929	1,014	1,074	1,174	1,248
223	Change in farm inventories	222	103	117	737	-158	973	-594	785	714	279	233
224	Gross rental value of farm homes	2,907	2,863	2,586	2,481	2,352	2,300	2,215	2,153	2,072	2,005	1,975
225	Less: Value of intermediate products consumed	24,906	23,663	22,203	21,817	21,296	19,622	18,639	19,291	18,642	17,516	17,011
226	Plus: Other items	-305	-275	-218	-203	-184	-169	-74	-161	-63	-68	-71
227	Equals: Gross farm product	29,015	27,878	25,150	24,558	24,902	23,666	20,610	21,545	21,223	20,859	20,482
228	Less: Capital consumption allowances	6,349	6,162	5,808	5,986	4,353	4,698	4,201	4,095	3,979	3,979	4,007
229	Indirect business taxes	2,376	2,215	2,042	1,860	1,720	1,589	1,506	1,457	1,384	1,317	1,246
230	Plus: Government payments to farm landlords	3,349	3,417	3,119	2,782	2,954	2,211	1,947	1,517	1,557	1,395	628
231	Equals: National income originating in farming	23,639	22,918	20,425	20,084	21,183	19,630	16,653	17,404	17,301	16,898	15,857
CONSTANT (1958) DOLLARS (bil. dol.)												
232	Total value of farm output	47.5	46.4	45.0	45.1	42.9	43.3	41.2	42.0	40.7	39.9	39.2
233	Cash receipts from farm marketings and CCC loans	45.1	44.0	42.4	41.8	40.5	39.7	38.9	38.3	37.0	36.5	35.8
234	Farm products consumed directly in farm households	.6	.6	.7	.7	.7	.8	1.0	1.1	1.1	1.3	1.3
235	Change in farm inventories	1.1	.1	.1	.7	-.2	.9	-.6	.8	.7	.2	.2
236	Gross rental value of farm homes	1.7	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9
237	Less: Value of intermediate products consumed	22.5	22.1	21.4	21.0	20.3	19.4	18.8	19.1	18.6	17.6	17.2
238	Plus: Other items	-.3	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.1	-.1	-.1
239	Equals: Gross farm product	24.8	24.1	23.4	23.9	22.4	23.7	22.3	22.8	22.1	22.2	21.9

- Represents zero.

AGRICULTURAL INCOME AND FINANCES

K 220-239

Series K 220-239. Value of Gross Farm Product in Current and Constant (1958) Dollars: 1929 to 1970—Con.

Series No.	Item	1959	1958	1957	1956	1955	1954	1953	1952	1951	1950	1949
CURRENT DOLLARS (mil. dol.)												
220	Total value of farm output.....	36,878	37,647	33,603	33,264	33,124	33,823	34,150	37,406	37,953	32,800	30,577
221	Cash receipts from farm marketings and CCC loans.....	33,611	33,433	29,798	30,325	29,238	29,737	30,999	32,463	32,803	28,484	27,805
222	Farm products consumed directly in farm households.....	1,318	1,505	1,484	1,585	1,678	1,789	2,007	2,220	2,304	2,063	2,230
223	Change in farm inventories.....	-8	848	534	-880	467	586	-621	987	1,239	789	-866
224	Gross rental value of farm homes.....	1,957	1,861	1,787	1,734	1,741	1,711	1,765	1,736	1,607	1,464	1,408
225	Less: Value of intermediate products consumed.....	17,093	16,656	15,042	14,563	14,248	14,089	13,739	15,099	14,934	12,725	11,709
226	Plus: Other items.....	-140	-145	-128	-124	-120	-124	-126	-144	-131	-120	-111
227	Equals: Gross farm product.....	19,645	20,846	18,433	18,577	18,756	19,610	20,285	22,163	22,888	19,955	18,757
228	Less: Capital consumption allowances.....	4,001	3,793	3,692	3,520	3,481	3,377	3,262	3,141	2,958	2,511	2,223
229	Indirect business taxes.....	1,193	1,100	1,069	1,013	975	942	925	906	864	810	773
230	Plus: Government payments to farm landlords.....	619	988	891	486	200	224	186	240	250	249	161
231	Equals: National income originating in farming.....	15,070	16,941	14,563	14,530	14,500	15,515	16,284	18,356	19,316	16,883	15,922
CONSTANT (1958) DOLLARS (bil. dol.)												
232	Total value of farm output.....	38.3	37.6	35.9	36.1	35.7	34.7	33.8	33.0	32.3	32.5	30.9
233	Cash receipts from farm marketings and CCC loans.....	35.0	33.4	31.9	33.1	31.6	30.5	30.6	28.5	27.5	27.9	27.8
234	Farm products consumed directly in farm households.....	1.4	1.5	1.6	1.8	1.8	1.9	2.0	2.1	2.1	2.3	2.3
235	Change in farm inventories.....	-	.8	.5	-.6	.4	.5	-.4	.7	1.0	.8	-.8
236	Gross rental value of farm homes.....	1.9	1.9	1.8	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5
237	Less: Value of intermediate products consumed.....	17.1	16.7	15.4	15.2	14.6	14.1	13.7	13.9	13.8	13.0	12.4
238	Plus: Other items.....	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1
239	Equals: Gross farm product.....	21.1	20.8	20.3	20.8	20.9	20.4	20.0	19.0	18.4	19.4	18.4
Series No.	Item	1948	1947	1946	1945	1944	1943	1942	1941	1940	1939	1938
CURRENT DOLLARS (mil. dol.)												
220	Total value of farm output.....	36,197	32,072	28,796	24,632	23,262	22,699	19,243	18,727	10,617	9,917	9,885
221	Cash receipts from farm marketings and CCC loans.....	30,227	29,620	24,802	21,663	20,536	19,620	15,565	11,111	8,382	7,872	7,723
222	Farm products consumed directly in farm households.....	2,733	2,765	2,662	2,356	2,181	2,253	1,758	1,429	1,210	1,209	1,233
223	Change in farm inventories.....	1,732	-1,760	29	-439	-410	-53	1,099	420	281	95	132
224	Gross rental value of farm homes.....	1,505	1,447	1,308	1,052	955	879	821	767	744	741	745
225	Less: Value of intermediate products consumed.....	12,773	11,784	9,942	8,661	7,951	7,385	6,190	4,762	4,132	3,589	3,248
226	Plus: Other items.....	-109	-102	-86	-66	-56	-50	-37	-29	-20	-19	-19
227	Equals: Gross farm product.....	23,315	20,186	18,768	15,905	15,255	15,284	13,016	8,936	6,465	6,309	6,568
228	Less: Capital consumption allowances.....	1,854	1,421	1,086	1,224	1,340	1,290	1,265	811	742	734	791
229	Indirect business taxes.....	714	645	542	499	438	418	403	397	382	382	375
230	Plus: Government payments to farm landlords.....	227	277	683	659	687	668	668	472	626	661	377
231	Equals: National income originating in farming.....	20,974	18,397	17,823	14,841	14,164	14,119	11,911	8,200	5,967	5,854	5,779
CONSTANT (1958) DOLLARS (bil. dol.)												
232	Total value of farm output.....	31.5	29.5	30.8	29.8	30.2	30.2	30.9	28.1	26.2	26.0	24.9
233	Cash receipts from farm marketings and CCC loans.....	26.5	27.1	26.8	26.5	26.7	25.7	24.8	22.9	21.2	21.2	20.4
234	Farm products consumed directly in farm households.....	2.5	2.6	2.9	2.7	2.7	2.8	2.7	2.7	2.9	2.9	2.8
235	Change in farm inventories.....	1.0	-1.6	-.2	-.9	-.5	-.2	1.4	1.4	1.4	1.4	1.4
236	Gross rental value of farm homes.....	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
237	Less: Value of intermediate products consumed.....	12.4	12.5	12.3	11.6	10.8	10.6	10.2	9.3	8.7	7.8	7.0
238	Plus: Other items.....	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1
239	Equals: Gross farm product.....	19.0	17.0	18.5	18.1	19.4	19.6	20.6	18.8	17.5	18.2	17.8
Series No.	Item	1937	1936	1935	1934	1933	1932	1931	1930	1929		
CURRENT DOLLARS (mil. dol.)												
220	Total value of farm output.....	11,847	9,672	9,821	7,192	6,782	6,515	8,881	11,203	13,816		
221	Cash receipts from farm marketings and CCC loans.....	8,864	8,391	7,120	6,357	5,332	4,748	6,381	9,055	11,312		
222	Farm products consumed directly in farm households.....	1,434	1,394	1,320	1,125	1,030	993	1,265	1,552	1,713		
223	Change in farm inventories.....	816	-806	698	-930	-194	110	460	-269	-122		
224	Gross rental value of farm homes.....	733	693	683	640	614	664	775	865	913		
225	Less: Value of intermediate products consumed.....	3,568	3,234	2,818	2,495	2,160	2,013	2,568	3,519	4,105		
226	Plus: Other items.....	-22	-19	-16	-14	-11	-9	-13	-20	-31		
227	Equals: Gross farm product.....	8,257	6,419	6,987	4,633	4,611	4,493	6,300	7,664	9,680		
228	Less: Capital consumption allowances.....	750	687	624	615	613	702	818	911	864		
229	Indirect business taxes.....	378	364	354	349	362	418	485	535	538		
230	Plus: Government payments to farm landlords.....	283	242	498	397	113	-	-	-	-		
231	Equals: National income originating in farming.....	7,412	5,610	6,507	4,116	3,749	3,378	4,997	6,218	8,278		
CONSTANT (1958) DOLLARS (bil. dol.)												
232	Total value of farm output.....	24.7	21.5	22.5	20.2	23.4	23.5	24.4	22.5	23.8		
233	Cash receipts from farm marketings and CCC loans.....	18.7	18.9	16.9	18.8	19.4	18.4	18.6	18.4	19.6		
234	Farm products consumed directly in farm households.....	2.8	2.8	2.8	3.0	3.1	2.9	2.9	2.7	2.7		
235	Change in farm inventories.....	1.8	-1.6	1.4	-3.0	-.5	.8	1.5	-.2	-.		
236	Gross rental value of farm homes.....	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5		
237	Less: Value of intermediate products consumed.....	6.7	6.6	5.9	5.6	5.8	5.5	5.9	6.3	6.8		
238	Plus: Other items.....	-	-	-	-	-	-	-	-	-.1		
239	Equals: Gross farm product.....	17.9	14.9	16.5	14.6	17.5	18.0	18.5	16.1	17.0		

- Represents zero.

Series K 240-250. Value of Farm Gross Output and Product, in Current and Constant (1910-14) Dollars: 1800 to 1900

[In millions of dollars]

Year	Gross output						Farm gross product	Inter-mediate products consumed	Farm gross product, including improvements and manufactures			
	Total	Sales and home consumption of farm products			Livestock inventory changes	Gross rent from farm dwellings			Total	Farm gross product	Improvements to farms	Value of home manufactures
		Total	Livestock	Crops								
		240	241	242								
CURRENT DOLLARS												
1900	4,298	3,912	2,047	1,865	79	307	3,799	499	3,857	3,799	55	3
1890	3,397	3,106	1,515	1,591	44	247	3,035	362	3,107	3,035	67	5
1880	3,263	3,021	1,498	1,523	39	203	2,967	296	3,045	2,967	68	10
1870	2,774	2,553	1,383	1,160	52	169	2,542	232	2,601	2,542	67	22
1860	1,579	1,469	700	1,769	21	89	1,484	93	1,556	1,484	47	25
1850	904	837	414	423	10	57	851	53	914	851	34	29
1840	757	699	431	268	14	44	720	37	769	720	22	27
1830	466	427	251	176	15	24	445	21	491	445	17	29
1820	338	308	178	130	10	20	323	15	364	323	12	29
1810	336	311	186	125	9	16	324	12	363	324	9	30
1800	236	220	127	93	6	10	230	6	255	230	7	18
CONSTANT (1910-14) DOLLARS												
1900	6,409	5,903	3,100	2,803	109	397	5,740	669	5,837	5,740	94	3
1890	4,990	4,604	2,612	1,992	70	316	4,527	463	4,638	4,527	106	5
1880	4,129	3,784	2,006	1,778	68	277	3,770	359	3,906	3,770	128	8
1870	2,694	2,436	1,436	1,000	74	184	2,479	215	2,597	2,479	106	12
1860	2,186	1,985	1,088	897	60	141	2,059	127	2,186	2,059	76	21
1850	1,521	1,379	826	553	42	100	1,442	79	1,536	1,442	69	25
1840	1,212	1,103	651	452	39	76	1,156	56	1,222	1,156	47	19
1830	854	784	462	302	34	56	819	35	879	819	44	16
1820	619	555	345	210	22	42	595	24	642	595	32	14
1810	463	415	260	155	16	32	448	15	485	448	26	11
1800	343	307	194	113	13	23	333	10	362	333	21	8

Series K 251-255. Exports and Imports of Farm Products: 1901 to 1970

[In millions of dollars, except percent. For years ending June 30]

Year	Exports, domestic products			Imports for consumption		Year	Exports, domestic products			Imports for consumption	
	Total	Percent of all exports	Percent under Government financed programs	Total	Percent of all imports		Total	Percent of all exports	Percent under Government financed programs	Total	Percent of all imports
	251	252	253	254	255		251	252	253	254	255
1970	6,721	16	15	5,592	15	1935	669	32	984	52	
1969	5,741	16	18	4,931	14	1934	787	39	839	50	
1968	6,311	20	21	4,656	16	1933	590	42	614	52	
1967	6,771	22	19	4,453	17	1932	752	39	834	48	
1966	6,676	23	21	4,454	19	1931	1,038	34	1,162	48	
1965	6,097	23	26	3,986	20	1930	1,496	32	1,900	49	
1964	6,068	25	24	4,096	23	1929	1,847	35	2,177	51	
1963	5,078	23	29	3,907	24	1928	1,815	38	2,194	53	
1962	5,142	24	31	3,762	24	1927	1,908	39	2,281	54	
1961	4,946	24	30	3,645	26	1926	1,892	41	2,529	57	
1960	4,519	24	28	4,010	26	1925	2,280	48	2,057	54	
1959	3,719	21	33	4,004	29	1924	1,867	44	1,875	53	
1958	4,003	21	30	3,929	31	1923	1,798	46	2,077	55	
1957	4,728	23	41	3,800	30	1922	1,915	52	1,370	53	
1956	3,496	21	38	4,036	34	1921	2,606	41	2,059	56	
1955	3,144	21	27	3,781	36	1920	3,850	48	3,410	65	
1954	2,936	19	21	4,176	40	1919	3,579	51	1,930	62	
1953	2,819	19	16	4,303	40	1918	2,279	39	1,822	62	
1952	4,053	26	15	4,699	45	1917	1,966	32	1,592	60	
1951	3,411	27	35	5,147	48	1916	1,516	35	1,342	61	
1950	2,986	30	66	3,177	45	1915	1,474	54	992	59	
1949	3,830	30	60	3,001	43	1914	1,112	48	993	52	
1948	3,505	25	45	2,862	45	1913	1,121	46	909	50	
1947	3,610	28	25	2,704	50	1912	1,045	48	882	53	
1946	2,857	34	63	1,878	45	1911	1,029	51	767	50	
1945	2,191	17	71	1,729	44	1910	869	51	787	51	
1944	2,305	16	80	1,774	47	1909	901	55	696	53	
1943	1,497	15	82	1,842	45	1908	1,016	55	673	48	
1942	1,032	16	72	1,503	49	1907	1,053	57	683	48	
1941	350	9	-----	1,474	53	1906	975	57	597	49	
1940	738	20	-----	1,239	51	1905	825	55	601	54	
1939	633	24	-----	999	48	1904	858	60	499	50	
1938	891	27	-----	1,155	50	1903	877	63	484	47	
1937	732	26	-----	1,537	53	1902	855	63	436	48	
1936	766	32	-----	1,141	52	1901	949	65	418	51	

Series K 256-285. Farm Income and Expenses: 1910 to 1970

[In millions of dollars, except as indicated]

Year	Personal income of farm population			Net income of farm operators from farming		Per capita personal income of farm population (dollars)			Realized gross income from farming						
	From all sources	From farm sources	From nonfarm sources	Total net income	Average per farm (dollars)	From all sources	From farm sources	From nonfarm sources	Realized gross farm income	Cash receipts from marketings			Government payments	Value of farm products consumed in farm households	Gross rental value of farm dwellings
										Total	Crops	Livestock and livestock products			
	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270
1970	28,193	15,019	13,174	16,825	5,754	2,832	1,462	1,370	57,925	50,522	20,907	29,615	3,717	773	2,913
1969	27,553	14,862	12,691	16,856	5,674	2,691	1,446	1,245	55,550	48,143	19,541	28,602	3,794	750	2,863
1968	25,118	13,237	11,881	14,825	4,854	2,400	1,263	1,137	50,897	44,117	18,620	25,497	3,462	732	2,586
1967	24,030	13,149	10,881	14,882	4,730	2,210	1,209	1,001	48,998	42,693	18,434	24,259	3,079	745	2,481
1966	24,878	14,414	10,464	16,253	5,019	2,146	1,243	903	49,740	43,294	18,373	24,921	3,277	817	2,352
1965	23,591	13,546	10,045	14,987	4,487	1,908	1,096	812	44,926	39,350	17,992	21,958	2,463	813	2,300
1964	20,639	11,334	9,305	12,266	3,564	1,593	875	718	37,233	31,233	17,377	19,856	2,181	930	2,223
1963	20,619	12,109	8,510	13,206	3,708	1,543	906	637	42,271	37,398	17,435	19,963	1,696	1,016	2,161
1962	20,449	12,254	8,195	13,215	3,586	1,429	856	573	41,258	36,356	16,294	20,062	1,747	1,076	2,079
1961	19,738	12,195	7,543	12,987	3,399	1,333	824	509	39,771	35,089	15,660	19,429	1,493	1,176	2,012
1960	18,679	11,526	7,153	12,079	3,049	1,195	737	458	38,088	34,154	15,208	18,946	702	1,250	1,981
1959	18,059	11,009	7,050	11,454	2,795	1,089	664	425	37,468	33,511	14,648	18,863	682	1,318	1,957
1958	19,481	12,800	6,681	13,500	3,189	1,137	747	390	37,911	33,456	14,229	19,227	1,089	1,505	1,861
1957	17,657	11,041	6,616	11,325	2,590	1,000	625	375	34,001	29,714	12,338	17,376	1,016	1,484	1,787
1956	17,803	11,219	6,584	11,444	2,535	952	600	352	34,274	30,401	14,038	16,363	554	1,585	1,734
1955	17,579	11,382	6,197	11,464	2,463	922	597	325	33,138	29,490	13,523	15,967	229	1,678	1,741
1954	18,443	12,509	5,934	12,503	2,606	970	658	312	33,589	29,832	13,556	16,276	257	1,789	1,711
1953	19,790	13,353	6,437	13,088	2,626	996	672	324	34,986	31,001	14,078	16,923	213	2,007	1,765
1952	22,078	15,352	6,726	15,051	2,896	1,015	706	309	36,759	32,528	14,290	18,238	275	2,220	1,736
1951	22,701	16,190	6,511	15,987	2,946	1,037	740	297	37,055	32,858	13,239	19,619	286	2,304	1,607
1950	20,366	14,103	6,263	13,673	2,421	884	612	272	32,271	28,461	12,956	16,105	283	2,063	1,464
1949	19,476	13,284	6,192	12,780	2,233	805	549	256	31,628	27,805	12,396	15,409	185	2,230	1,408
1948	23,792	17,977	5,815	17,664	3,044	976	737	239	34,722	30,227	13,098	17,129	257	2,733	1,505
1947	21,133	15,836	5,297	15,354	2,615	818	613	205	34,146	29,620	13,093	16,527	314	2,765	1,447
1946	20,026	15,475	4,551	15,068	2,543	788	609	179	29,539	24,802	11,016	13,786	772	2,662	1,303
1945	17,212	12,807	4,405	12,312	2,063	706	524	181	26,813	21,663	9,655	13,008	742	2,866	1,068
1944	16,636	12,201	4,435	11,705	1,950	671	492	179	24,448	20,536	9,185	11,351	776	2,181	955
1943	16,481	12,120	4,361	11,736	1,927	629	463	166	23,397	19,620	8,127	11,493	645	2,253	879
1942	14,090	10,149	3,941	9,853	1,588	487	351	136	18,794	15,565	6,526	9,039	650	1,758	821
1941	10,080	6,823	3,257	6,490	1,031	335	227	108	13,851	11,111	4,619	6,492	544	1,429	767
1940	7,597	4,838	2,759	4,482	706	249	158	91	11,059	8,382	3,469	4,913	723	1,210	744
1939	7,361	4,751	2,610	4,414	685	239	154	85	10,555	7,872	3,336	4,536	763	1,209	741
1938	7,177	4,702	2,475	4,361	668	232	152	80	10,149	7,723	3,200	4,523	446	1,235	745
1937	8,976	6,228	2,748	6,005	905	287	199	88	11,367	8,864	3,924	4,940	336	1,434	733
1936	7,232	4,592	2,640	4,308	639	228	145	83	10,756	8,391	3,649	4,742	278	1,394	693
1935	7,730	5,423	2,307	5,278	775	241	169	72	9,696	7,120	2,977	4,143	573	1,320	683
1934	5,374	3,188	2,186	2,923	431	167	99	68	6,568	6,357	3,021	3,336	446	1,125	640
1933				2,555	379				7,107	5,332	2,486	2,846	131	1,030	614
1932				2,032	304				6,405	4,748	1,996	2,752		993	664
1931				3,344	506				8,421	6,381	2,540	3,841		1,265	775
1930				4,259	651				11,472	9,055	3,868	5,187		1,552	865
1929				6,152	945				13,938	11,312	5,130	6,182		1,713	913
1928				5,981	924				13,598	10,931	4,950	6,035		1,724	890
1927				5,699	883				13,336	10,733	5,125	5,608		1,725	878
1926				5,937	919				13,302	10,558	4,875	5,683		1,875	869
1925				6,734	1,041				13,716	11,021	5,545	5,476		1,827	868
1924				4,855	749				12,785	10,225	5,413	4,312		1,706	854
1923				5,068	781				12,167	9,545	4,865	4,680		1,772	850
1922				4,343	668				11,059	8,575	4,300	4,275		1,717	767
1921				3,370	517				10,573	8,058	4,106	3,952		1,746	769
1920					1,196				15,944	12,600	6,644	5,956		2,509	835
1919					1,395				17,918	14,538	7,603	6,935		2,556	824
1918					1,370				16,547	13,467	6,974	6,493		2,341	739
1917					1,282				13,410	10,736	5,642	5,094		2,003	671
1916					707				9,744	7,746	4,035	3,711		1,384	614
1915				4,307	667				8,147	6,392	3,263	3,129		1,192	563
1914				4,181	649				7,793	6,036	2,899	3,137		1,228	529
1913				3,738	581				7,978	6,238	3,077	3,161		1,222	518
1912				4,456	693				7,710	6,008	3,095	2,913		1,204	498
1911				3,371	525				7,213	5,584	2,905	2,679		1,165	464
1910				4,176	652				7,495	5,780	2,929	2,851		1,270	445

Series K 256-285. Farm Income and Expenses: 1910 to 1970—Con.

[In millions of dollars, except as indicated]

Year	Expenses of agricultural production													Realized net income of farm operators from farming	Net change in farm inventories
	Total	Operating expenses (excluding hired labor)							Depreciation ¹	Taxes on farm property	Wages paid hired farm labor ⁴	Interest on farm mortgage debt	Net rent to nonfarm landlords		
		Total	Feed purchased	Livestock purchased	Seed purchased ¹	Fertilizer and lime	Repairs	Miscellaneous ²							
271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	
1970	41,091	24,748	7,189	4,345	829	2,222	5,031	5,132	6,724	2,957	3,643	1,717	1,302	16,834	-9
1969	38,759	23,270	6,602	4,219	737	2,084	4,896	4,732	6,562	2,732	3,299	1,599	1,297	16,791	65
1968	36,209	21,654	5,894	3,676	672	2,130	4,831	4,451	6,209	2,515	3,047	1,477	1,307	14,688	137
1967	34,775	21,228	6,472	3,391	678	2,124	4,495	4,068	5,746	2,275	2,878	1,343	1,305	14,223	659
1966	33,406	20,481	6,324	3,498	626	1,952	4,227	3,854	5,281	2,108	2,889	1,205	1,442	16,334	-81
1965	30,933	18,754	5,749	2,913	637	1,754	4,073	3,628	4,982	1,943	2,849	1,077	1,328	13,993	994
1964	29,481	17,857	5,715	2,420	566	1,701	3,940	3,515	4,703	1,833	2,913	952	1,223	13,086	-320
1963	29,688	18,425	6,128	2,917	553	1,570	3,942	3,315	4,471	1,763	2,990	846	1,193	12,583	623
1962	28,639	17,755	5,575	3,106	521	1,474	3,944	3,135	4,348	1,684	2,961	759	1,132	12,619	596
1961	27,125	16,539	5,121	2,730	521	1,373	3,858	2,936	4,217	1,597	2,977	686	1,109	12,646	341
1960	26,352	16,045	4,923	2,502	510	1,315	3,966	2,829	4,244	1,502	2,923	628	1,010	11,736	343
1959	26,106	16,012	4,744	2,693	491	1,291	4,069	2,724	4,228	1,401	2,882	572	1,011	11,362	92
1958	25,236	15,395	4,541	2,702	508	1,206	3,921	2,517	4,011	1,306	2,842	521	1,161	12,675	825
1957	23,294	13,894	4,035	1,934	510	1,166	3,917	2,332	3,913	1,242	2,734	482	1,029	10,707	618
1956	22,374	13,281	3,894	1,610	519	1,166	3,785	2,307	3,723	1,178	2,641	442	1,109	11,900	-456
1955	21,889	12,974	3,880	1,539	566	1,185	3,600	2,204	3,700	1,141	2,615	402	1,057	11,249	215
1954	21,577	12,786	3,906	1,563	525	1,209	3,506	2,077	3,581	1,084	2,596	371	1,159	12,012	491
1953	21,275	12,466	3,770	1,320	551	1,178	3,541	2,106	3,454	1,060	2,786	345	1,214	13,711	-623
1952	22,630	13,675	4,331	1,918	594	1,184	3,506	2,142	3,326	1,033	2,857	318	1,421	14,129	922
1951	22,252	13,842	4,144	2,437	551	1,064	3,282	2,064	3,147	983	2,921	291	1,368	14,803	1,184
1950	19,410	11,518	3,283	2,004	518	975	2,975	1,763	2,665	919	2,811	264	1,233	12,861	312
1949	17,982	10,539	3,024	1,529	543	895	2,896	1,702	2,365	872	2,806	243	1,107	13,646	-366
1948	18,790	11,390	3,996	1,559	581	826	2,818	1,580	2,002	806	2,990	232	1,370	15,932	1,732
1947	17,032	10,283	3,746	1,379	514	755	2,468	1,421	1,553	733	2,783	225	1,455	17,114	-1,760
1946	14,500	8,542	3,022	1,170	428	683	2,054	1,185	1,189	617	2,532	219	1,401	15,039	29
1945	13,062	7,611	2,738	1,011	435	657	1,689	1,081	1,310	557	2,299	221	1,064	12,751	-439
1944	12,333	6,934	2,427	812	440	579	1,608	1,071	1,425	499	2,202	230	1,043	12,115	-410
1943	11,603	6,445	2,135	908	406	505	1,465	1,026	1,369	477	2,027	246	1,044	11,789	-53
1942	10,040	5,446	1,625	877	301	417	1,289	937	1,355	466	1,631	272	890	8,754	1,099
1941	7,781	4,268	1,089	635	203	384	1,132	875	870	463	1,249	284	647	6,070	420
1940	6,858	3,840	998	517	197	306	1,038	784	797	451	1,029	293	448	4,201	281
1939	6,266	3,357	732	465	169	273	959	759	781	456	988	305	379	4,319	95
1938	5,920	3,022	557	368	206	253	907	726	833	448	979	320	318	4,229	132
1937	6,178	3,221	805	332	194	279	879	732	796	452	988	341	380	5,189	816
1936	5,642	2,859	755	283	147	261	749	664	728	440	868	364	383	5,114	-806
1935	5,116	2,500	528	312	108	188	717	647	648	1,177	570	321	4,528	-269	
1934	4,715	2,276	542	183	104	176	608	663	664	434	775	396	347	4,580	698
1933	4,358	2,029	422	199	65	120	554	669	650	424	679	430	256	3,853	-930
1932	4,483	1,989	348	193	79	118	521	689	644	433	617	472	158	2,749	-194
1931	5,537	2,489	448	253	117	202	635	834	510	510	669	526	55	1,922	110
1930	6,944	3,273	791	362	124	297	785	914	555	589	914	553	136	2,884	460
1929	7,664	3,729	919	504	122	300	886	998	916	651	1,300	582	321	4,528	-269
1928	7,757	3,845	977	588	134	318	827	1,001	906	651	1,300	582	486	6,274	-122
1927	7,402	3,537	832	465	140	257	787	986	890	620	1,302	593	520	5,874	-175
1926	7,372	3,534	891	396	142	298	774	1,033	886	599	1,330	593	425	5,930	7
1925	7,347	3,537	988	382	136	299	711	1,021	872	589	1,267	612	470	6,369	365
1924	7,447	3,497	1,116	313	120	264	664	1,030	952	583	1,248	647	520	5,338	-483
1923	7,054	3,161	819	304	111	263	637	1,027	943	590	1,251	679	430	5,113	-45
1922	6,614	2,922	676	319	109	234	557	1,027	934	583	1,127	680	368	4,445	-102
1921	6,638	2,886	710	202	123	249	550	1,052	1,039	586	1,170	653	304	3,935	-565
1920	8,837	4,202	1,254	422	178	390	695	1,263	1,211	556	1,790	574	504	7,107	688
1919	8,331	3,918	1,097	567	138	358	615	1,143	1,040	454	1,515	476	928	9,587	-509
1918	7,507	3,631	1,106	522	132	311	536	1,024	902	361	1,337	417	859	9,040	-153
1917	6,092	2,709	614	414	122	232	464	863	714	339	1,127	373	825	7,318	986
1916	4,836	2,156	517	260	76	193	395	715	597	304	904	341	534	4,908	-338
1915	4,167	1,827	411	207	62	165	343	639	524	284	815	314	403	3,980	327
1914	4,029	1,831	414	215	62	195	297	648	482	261	804	296	355	3,764	417
1913	3,974	1,816	406	250	62	175	289	634	481	257	804	276	340	4,004	-266
1912	3,833	1,755	419	217	74	161	278	606	469	225	789	252	343	3,877	579
1911	3,582	1,610	350	188	65	168	251	588	443	215	758	225	381	3,681	260
1910	3,531	1,642	426	199	56	152	251	558	416	195	755	203	320	3,964	212

¹ Includes bulbs, plants, and trees.² Includes interest on non-real-estate debt, marketing charges, net insurance premiums (crop, fire, wind, and hail), and miscellaneous supplies and services purchased.³ Includes other consumption of farm capital.⁴ Includes value of perquisites.

AGRICULTURAL INCOME AND FINANCES

K 286-302

Series K 286-302. Farm Income—Cash Receipts from Farm Marketings: 1910 to 1970

[In millions of dollars]

Year	Crops								Livestock and livestock products								
	Cotton (lint and seed)	Tobacco	Food grains	Oil- bearing crops	Feed crops	Veget- ables ¹	Fruits and tree nuts ²	Other ³	Hogs	Cattle and calves	Sheep and lambs	Wool	Dairy products	Eggs	Broilers and farm chickens	Turkeys and other poultry ⁴	Other ⁵
	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302
1970	1,254	1,388	2,564	3,567	5,067	3,024	2,090	2,152	4,475	13,695	327	57	6,533	2,166	1,564	575	223
1969	1,403	1,296	2,229	3,045	4,507	2,803	2,197	2,066	4,745	12,566	333	69	6,206	2,262	1,643	531	247
1968	1,316	1,173	2,105	2,842	4,264	2,850	2,071	1,999	3,819	11,241	315	72	5,955	1,921	1,417	490	267
1967	1,095	1,391	2,382	2,805	4,337	2,649	1,843	1,932	3,755	10,478	300	75	5,743	1,781	1,315	544	268
1966	1,588	1,211	2,379	2,700	4,306	2,559	1,758	1,872	4,093	10,431	334	101	5,532	2,114	1,472	563	281
1965	2,330	1,186	2,041	2,173	3,669	2,580	1,667	1,746	3,693	8,942	329	95	5,037	1,788	1,304	489	281
1964	2,321	1,414	1,934	2,129	3,412	2,309	1,797	1,813	3,034	7,785	318	113	5,027	1,770	1,156	448	205
1963	2,838	1,269	2,524	1,954	3,401	2,018	1,669	1,762	3,035	8,101	319	115	4,860	1,732	1,155	435	211
1962	2,552	1,321	2,445	1,803	2,960	2,035	1,562	1,616	3,154	8,187	324	115	4,854	1,685	1,143	412	188
1961	2,482	1,325	2,487	1,647	2,779	1,872	1,592	1,476	3,140	7,565	302	109	4,918	1,737	1,045	415	198
1960	2,340	1,154	2,460	1,364	3,025	1,941	1,514	1,410	2,873	7,398	327	108	4,753	1,738	1,127	427	195
1959	2,647	1,060	2,247	1,280	2,779	1,803	1,501	1,331	2,784	7,834	334	113	4,604	1,545	1,045	392	212
1958	2,188	1,020	2,442	1,410	2,904	1,786	1,394	1,885	3,367	7,322	358	72	4,557	1,833	1,147	373	198
1957	1,756	971	1,868	1,181	2,395	1,710	1,292	1,165	3,062	5,944	330	141	4,628	1,682	1,024	370	195
1956	2,500	1,162	2,148	1,155	2,648	1,873	1,358	1,194	2,638	5,353	330	104	4,485	1,834	1,023	397	199
1955	2,580	1,225	1,990	1,131	2,555	1,683	1,276	1,033	2,694	5,245	316	91	4,217	1,777	1,070	377	180
1954	2,702	1,161	2,327	942	2,549	1,548	1,220	1,107	3,455	5,088	325	129	4,114	1,627	1,000	386	152
1953	3,179	1,094	2,456	959	2,397	1,662	1,197	1,134	3,488	4,878	317	129	4,366	2,073	1,136	393	148
1952	2,976	1,091	2,558	1,081	2,271	2,023	1,097	1,193	3,464	6,206	391	123	4,587	1,801	1,118	411	157
1951	2,858	1,190	2,004	986	2,091	1,728	1,157	1,225	3,889	7,005	466	234	4,254	2,062	1,137	406	166
1950	2,434	1,061	1,941	935	2,143	1,436	1,188	1,218	3,214	5,680	387	130	3,719	1,579	946	314	136
1949	2,637	903	2,255	854	2,161	1,618	929	1,041	3,125	4,849	351	100	3,748	1,857	939	314	126
1948	2,553	945	2,629	1,053	2,026	1,712	1,128	1,052	3,660	5,235	409	110	4,389	1,884	948	303	141
1947	2,245	1,032	2,753	917	2,265	1,632	1,199	1,050	3,926	4,967	402	105	4,013	1,813	870	274	157
1946	1,473	969	1,841	715	1,679	1,591	1,759	989	2,917	3,761	363	119	3,709	1,508	928	318	163
1945	1,208	898	1,563	615	1,509	1,611	1,498	753	2,263	3,318	319	126	3,021	1,518	1,004	295	144
1944	1,548	690	1,375	590	1,271	1,484	1,528	699	2,800	2,605	300	144	2,915	1,365	862	241	119
1943	1,301	538	1,068	703	1,135	1,472	1,273	637	2,929	2,563	342	182	2,785	1,446	926	202	118
1942	1,272	476	977	525	839	1,028	844	685	2,198	2,263	306	133	2,380	1,018	538	170	89
1941	1,006	323	689	238	626	692	604	441	1,302	1,705	226	138	1,900	663	364	116	78
1940	638	242	479	126	600	559	446	379	836	1,375	180	106	1,521	468	268	92	67
1939	627	271	465	111	507	527	439	389	810	1,289	172	81	1,346	437	248	85	68
1938	655	294	468	92	444	471	403	373	870	1,163	157	69	1,388	435	235	79	77
1937	886	320	659	85	446	586	540	402	925	1,239	186	114	1,525	517	269	80	85
1936	904	243	500	77	473	597	473	382	991	1,114	166	95	1,478	481	262	74	81
1935	712	243	418	69	302	468	432	333	682	1,063	152	70	1,310	502	235	68	61
1934	863	236	348	53	355	468	398	300	520	813	132	81	1,146	373	190	54	27
1933	578	157	335	33	327	423	343	290	524	599	105	77	1,004	309	161	44	23
1932	461	115	220	30	245	347	321	257	445	620	93	30	986	324	190	45	19
1931	497	167	298	38	312	471	455	312	77	838	130	51	1,277	434	258	55	24
1930	826	244	500	73	557	687	577	404	1,135	1,184	162	68	1,608	606	333	59	32
1929	1,511	279	788	85	694	711	631	431	1,297	1,495	224	99	1,839	740	374	70	44
1928	1,453	247	840	84	757	514	633	428	1,218	1,556	221	114	1,755	709	350	64	48
1927	1,500	245	969	87	668	617	602	437	1,238	1,326	197	88	1,585	626	333	60	45
1926	1,222	240	901	65	668	708	618	453	1,407	1,271	205	92	1,586	696	340	59	47
1925	1,762	260	910	87	776	677	619	454	1,318	1,252	207	100	1,515	682	306	51	45
1924	1,664	260	889	100	906	572	561	461	1,064	1,119	181	87	1,405	585	278	46	47
1923	1,569	276	679	61	692	553	559	476	1,027	1,042	160	91	1,425	583	262	44	46
1922	1,148	249	749	42	613	488	584	427	1,024	1,037	143	62	1,171	506	250	40	42
1921	852	253	907	36	634	477	514	433	857	876	108	42	1,200	528	251	41	49
1920	1,476	295	1,535	68	1,220	712	702	636	1,385	1,528	166	114	1,529	781	317	50	86
1919	2,282	500	1,743	92	1,166	593	632	595	1,911	1,921	213	134	1,522	762	296	48	128
1918	1,784	343	1,703	94	1,428	603	505	514	1,866	2,029	196	147	1,250	599	232	41	133
1917	1,604	242	1,187	75	1,043	660	403	428	1,299	1,651	159	98	1,080	523	184	32	118
1916	1,148	139	912	48	715	412	330	331	949	1,132	127	64	764	375	152	27	121
1915	830	93	822	32	618	286	297	285	691	966	111	53	686	341	134	24	123
1914	602	99	716	31	555	318	300	278	713	985	116	42	667	336	138	26	114
1913	968	135	537	37	567	294	264	275	741	999	115	44	669	321	132	26	114
1912	852	108	532	49	621	363	295	275	647	885	109	48	630	338	120	24	112
1911	855	96	482	43	559	306	233	281	617	784	99	48	577	304	123	25	102
1910	880	102	532	38	601	271	243	262	670	851	105	66	597	330	127	27	78

¹ Beginning 1949, includes melons.

² Includes melons, 1910-1948.

³ Sugar crops, greenhouse and nursery products, forest products, legume and grass seeds, hops, mint, broomcorn, popcorn, hemp fiber and seed, and flax fiber.

⁴ Ducks, geese, guineas, pigeons, quail, pheasants, and turkey hatching eggs.

⁵ Horses, mules, mohair, honey, beeswax, bees, goats, rabbits, and fur animals.

Series K 303-325. Farm Marketings, by Price Support Status: 1930 to 1970

[In millions of dollars. Represents gross receipts from commercial market sales as well as net commodity credit corporation loans]

Year	Total market sales	Under price support									
		Total	Mandatory support								
			Total	Basic commodities						Rice	Peanuts
				Total	Cotton (lint)	Wheat	Corn	Tobacco			
303	304	305	306	307	308	309	310	311	312		
1970	50,539	20,667	17,075	8,627	1,037	2,068	3,317	1,388	447	370	
1969	48,179	18,926	15,903	7,867	1,243	1,736	2,802	1,296	468	322	
1968	44,183	17,854	14,952	7,296	1,093	1,568	2,637	1,173	515	310	
1967	42,817	17,320	14,889	7,656	981	1,917	2,709	1,391	441	267	
1966	43,435	17,795	14,957	7,785	1,322	1,948	2,629	1,211	406	269	
1965	39,365	16,555	14,261	7,693	2,065	1,637	2,157	1,186	377	271	
1964	37,326	16,692	14,391	7,871	2,246	1,617	2,017	1,414	350	227	
1963	37,477	17,142	14,975	8,596	2,533	2,143	2,074	1,269	354	223	
1962	36,468	16,184	14,173	7,977	2,275	2,110	1,773	1,321	304	194	
1961	35,164	15,882	14,020	7,789	2,205	2,188	1,606	1,325	275	190	
1960	34,248	15,262	13,715	7,696	2,116	2,195	1,817	1,154	244	170	
1959	33,647	14,831	13,369	7,454	2,432	1,994	1,582	1,060	234	152	
1958	33,456	14,688	13,148	7,083	1,932	2,199	1,512	1,020	218	202	
1957	29,714	12,976	11,631	5,909	1,555	1,635	1,391	971	212	145	
1956	30,401	14,284	12,860	7,320	2,229	1,888	1,645	1,162	239	157	
1955	29,490	13,804	12,474	7,203	2,330	1,699	1,506	1,225	268	175	
1954	29,832	14,003	12,738	7,503	2,391	2,046	1,527	1,151	261	117	
1953	31,001	14,661	13,439	8,179	2,868	2,196	1,602	1,094	243	176	
1952	32,528	14,617	13,176	7,682	2,585	2,244	1,328	1,091	290	144	
1951	32,858	13,610	12,306	6,956	2,484	1,779	1,137	1,190	199	167	
1950	28,461	12,428	11,299	6,563	2,143	1,732	1,232	1,061	189	206	
1949	27,805	12,911	11,872	7,299	2,386	2,145	1,494	903	174	197	
1948	30,227	13,824	12,515	7,189	2,214	2,500	1,134	945	170	226	
1947	29,620	13,452	12,254	7,179	1,905	2,539	1,323	1,032	182	198	
1946	24,802	10,493	9,614	5,019	1,258	1,659	827	969	140	166	
1945	21,663	8,796	8,114	4,337	1,050	1,388	738	898	115	148	
1944	20,536	8,376	7,634	4,064	1,296	1,200	615	690	111	152	
1943	19,620	7,569	6,754	3,323	1,126	814	580	538	124	147	
1942	15,565	6,459	5,857	3,026	1,048	837	461	476	91	113	
1941	11,111	5,062	4,649	2,344	868	687	350	323	55	61	
1940	8,382	3,733	3,533	3,733	1,712	564	428	242	40	51	
1939	7,872	3,436	3,243	1,640	550	319	387	271	32	35	
1938	7,723	3,408	3,235	1,601	358	401	269	294	34	45	
1937	8,864	4,052	3,844	1,989	770	605	223	320	33	38	
1936	8,391	3,787	3,563	1,789	763	451	265	243	32	35	
1935	7,120	3,117	2,939	1,410	608	372	125	243	37	25	
1934	6,357	3,058	2,896	1,566	759	317	191	236	24	29	
1933	5,332	2,518	2,426	1,202	529	304	175	157	22	15	
1932	4,748	2,078	2,003	874	419	200	110	115	15	15	
1931	6,381	2,622	2,527	1,072	455	266	151	157	26	17	
1930	9,055	3,879	3,667	1,786	727	451	305	244	33	26	

Year	Under price support—Con.												Not under price support
	Mandatory support—Con.							Nonmandatory support					
	Nonbasic commodities 1							Total	Soybeans	Cotton-seed	Flaxseed	Dry beans	
	Total	Dairy products	Oats	Barley	Sorghum grain	Sugar beets	Others 2						
313	314	315	316	317	318	319	320	321	322	323	324	325	
1970	8,448	6,525	231	298	641	393	360	3,592	3,161	217	66	148	29,872
1969	8,036	6,196	209	265	642	353	371	3,023	2,647	161	75	140	29,253
1968	7,656	5,957	203	300	574	350	272	2,902	2,459	222	71	150	26,329
1967	7,333	5,742	186	289	584	260	272	2,881	2,474	164	60	133	24,997
1966	7,172	5,533	194	311	584	260	290	2,838	2,346	266	81	145	25,640
1965	6,568	5,038	194	305	496	250	285	2,294	1,812	265	86	131	22,810
1964	6,520	5,027	182	274	428	276	333	2,301	1,833	274	58	136	20,634
1963	6,379	4,861	181	257	453	285	342	2,167	1,637	305	90	135	20,335
1962	6,196	4,860	175	264	363	233	281	2,011	1,523	277	81	130	20,284
1961	6,231	4,933	187	266	370	198	277	1,862	1,375	277	73	137	19,282

See footnotes at end of table.

Series K 303-325. Farm Marketings, by Price Support Status: 1930 to 1970—Con.

[In millions of dollars]

Year	Under price support—Con.												Not under price support
	Mandatory support—Con.						Nonmandatory support						
	Nonbasic commodities ¹						Total	Soybeans	Cotton-seed	Flaxseed	Dry beans		
	Total	Dairy products	Oats	Barley	Sorghum grain	Sugar beets						Others ²	
313	314	315	316	317	318	319	320	321	322	323	324	325	
1960	6,019	4,760	199	247	372	190	251	1,547	1,125	225	67	130	18,986
1959	5,915	4,604	189	262	401	191	268	1,462	1,042	214	80	126	18,316
1958	6,066	4,657	216	301	565	205	218	1,585	1,117	206	84	128	18,773
1957	5,722	4,628	204	245	237	171	237	1,345	948	200	83	114	16,738
1956	5,540	4,485	227	247	193	153	235	1,374	869	271	125	109	16,167
1955	5,271	4,217	246	242	211	136	219	1,330	832	250	124	124	15,686
1954	5,235	4,114	260	246	209	146	260	1,265	698	311	123	133	15,329
1953	5,260	4,366	220	185	86	141	262	1,222	661	311	113	137	16,340
1952	5,494	4,567	251	192	108	122	254	1,441	814	392	113	122	17,911
1951	5,350	4,254	253	218	144	123	353	1,304	702	374	112	116	19,248
1950	4,736	3,719	229	194	209	140	245	1,129	596	290	130	113	16,033
1949	4,573	3,743	236	179	104	106	200	1,039	489	246	155	149	14,894
1948	5,326	4,389	306	232	110	97	192	1,309	489	353	324	143	16,403
1947	5,075	4,013	332	275	106	152	197	1,198	506	387	200	155	16,168
1946	4,595	3,709	303	189	86	111	197	879	455	204	84	136	14,309
1945	3,777	3,021	214	155	97	101	189	682	365	149	94	74	12,867
1944	3,570	2,915	166	140	69	77	203	742	360	200	76	106	12,160
1943	3,425	2,785	155	151	61	53	220	815	365	189	142	119	12,051
1942	2,831	2,330	102	90	21	84	204	602	234	189	86	93	9,106
1941	2,305	1,900	83	62	17	59	184	418	117	177	54	65	6,049
1940	1,821	1,521	58	42	9	56	135	200	42	83	34	41	4,649
1939	1,603	1,346	46	40	7	49	115	193	51	77	26	39	4,436
1938	1,634	1,388	43	38	8	55	102	173	34	89	12	38	4,315
1937	1,855	1,525	67	43	8	52	160	208	31	113	13	51	4,812
1936	1,774	1,478	47	46	8	56	139	224	27	142	10	45	4,604
1935	1,529	1,310	45	32	3	43	96	178	22	103	18	35	4,003
1934	1,340	1,146	26	24	5	40	99	162	13	104	9	36	3,299
1933	1,224	1,004	36	19	5	58	102	92	6	49	11	26	2,314
1932	1,129	986	31	14	4	48	46	75	6	42	9	13	2,670
1931	1,435	1,277	42	15	4	51	66	95	7	42	15	31	3,759
1930	1,381	1,608	74	33	7	63	96	212	14	97	32	69	5,176

¹ Under legislation in effect in 1969. Prior to 1959, support was nonmandatory for oats, barley, sorghum grain, and rye. ² Includes wool, mohair, honey, tung nuts, rye, and sugarcane.

Series K 326-329. Direct Government Payments to Farmers, by Program: 1933 to 1970

[In millions of dollars]

Year	Total ¹	Conservation ²	Sugar Act	Cotton	Year	Total ¹	Conservation ²	Sugar Act	Cotton	Year	Total ¹	Conservation ²	Sugar Act	Cotton
	326	327	328	329		326	327	328	329		326	327	328	329
1970	3,717	208	88	919	1957	1,016	230	32	-	1945	742	259	24	-
1969	3,794	204	78	828	1956	554	220	37	-	1944	776	378	27	-
1968	3,462	229	75	787	1955	229	188	41	-	1943	645	332	36	-
1967	3,079	237	70	932	1954	257	217	40	-	1942	650	450	25	-
1966	3,277	231	71	773	1953	213	161	32	-	1941	544	382	27	-
1965	2,463	224	75	70	1952	275	242	33	-	1940	723	496	27	-
1964	2,181	236	79	39	1951	286	246	40	-	1939	763	527	28	8
1963	1,696	231	67	-	1950	283	246	37	-	1938	446	309	22	114
1962	1,747	230	64	-	1949	185	156	30	-	1937	336	324	-	-
1961	1,493	236	53	-	1948	257	218	39	-	1936	278	24	-	41
1960	702	223	50	-	1947	314	277	37	-	1935	573	-	-	15
1959	682	233	44	-	1946	772	285	31	-	1934	446	-	-	51
1958	1,089	215	44	-						1933	131	-	-	-

- Represents zero. ¹ Includes programs not shown separately.

² Includes Great Plains and other conservation programs.

Series K 330-343. Commodity Credit Corporation—Summary: 1934 to 1970

[In millions of dollars. As of June 30]

Year	Value of loans made	Value of loans outstanding				Cost of acquisitions ^{1,2}				Value of commodities owned ^{1,2}				Cost of sales and donations, and other expenses ³
		Total	Wheat	Corn	Cotton	Total	Wheat	Corn	Cotton	Total	Wheat	Corn	Cotton	
		330	331	332	333	334	335	336	337	338	339	340	341	
1970	2,388	2,952	576	632	170	1,518	217	49	304	1,858	405	293	225	1,195
1969	2,964	3,493	583	656	324	939	96	179	7	1,244	225	306	27	821
1968	2,052	2,345	298	606	61	599	9	132	132	913	149	162	101	1,690
1967	1,411	1,536	96	296	153	1,351	24	111	742	1,358	195	168	1,051	2,816
1966	1,971	2,231	111	451	731	1,540	55	191	767	3,113	680	344	1,497	2,645
1965	2,144	2,534	196	616	775	2,005	169	140	952	3,892	1,297	595	1,123	2,880
1964	2,776	2,815	115	759	1,012	2,305	212	541	760	4,338	1,683	906	739	3,178
1963	3,070	3,608	161	1,044	751	3,771	454	700	566	4,726	2,168	604	719	3,070
1962	2,662	2,255	149	1,040	591	1,969	257	431	(Z)	4,474	2,143	737	249	3,691
1961	1,814	1,523	223	782	12	3,066	498	449	1,226	5,563	2,484	1,696	340	3,991
1960	1,507	1,347	163	646	9	4,020	371	361	2,507	6,021	2,452	1,700	880	3,790
1959	3,543	2,480	158	513	1,060	2,302	892	359	335	5,259	2,416	1,576	150	2,642
1958	2,135	1,600	68	511	366	2,999	378	695	604	4,703	1,862	1,609	179	3,380
1957	2,445	1,994	28	710	603	3,086	346	611	1,025	4,738	1,883	1,297	845	4,051
1956	3,024	2,319	90	654	979	3,150	552	461	1,166	5,384	2,205	1,136	1,184	2,689
1955	2,377	2,137	32	470	1,129	2,985	1,075	586	271	4,572	2,297	934	266	1,125
1954	3,355	2,368	198	641	1,157	2,396	965	516	(Z)	3,430	1,813	581	17	1,389
1953	2,129	1,163	97	468	290	1,598	855	8	78	2,158	1,090	324	31	613
1952	949	390	47	55	45	502	256	72	1	1,073	364	500	(Z)	905
1951	771	354	22	180	1	908	203	266	19	1,433	483	643	16	2,115
1950	2,023	923	65	554	122	2,716	601	601	633	2,624	760	506	580	1,184
1949	2,169	1,270	40	456	609	1,617	622	14	3	1,082	529	10	(Z)	685
1948	289	144	8	1	5	373	(Z)			150	(Z)	(NA)	(Z)	524
1947	278	121	1	17	2	424			(Z)	294	(NA)	(NA)	1	530
1946	185	48		(Z)	32					490	53	14	141	2,922
1945	534	309	31	17	252					922	154	20	448	3,188
1944	531	436	24	5	399					861	160	5	191	
1943	841	479	161	87	230					896	315	22	199	
1942	609	336	100	154	65					678	325	46	239	
1941	453	359	27	185	108					726	133	142	351	
1940	308	168	7	106	36					473	1	58	369	
1939	457	360	10	26	292					11	4	7		
1938	280	241		7	220					9		9		
1937	1	123		(Z)	114									
1936	29	243		5	226									
1935	311	152		1	139									
1934	260	205		117	88									

NA Not available.
Z Less than \$500,000.
¹ Price support commodities only.

² Prior to 1953, inventory dollar transactions include costs incurred subsequent to acquisition of title, such as storage, handling, transportation, and cost of storing certain grains while under extended loan.
³ Beginning 1953, includes storage and handling expense and resale loan storage expense.

Series K 344-353. Indexes of Prices Received and Paid by Farmers, and Parity Ratio: 1910 to 1970

Year	Indexes of prices received and paid by farmers (1967 = 100)										Parity ratio ¹	Year	Indexes of prices received and paid by farmers (1967 = 100)										Parity ratio ¹
	Prices received by farmers			Prices paid by farmers			Payable per acre		Wage rates	Prices paid, including interest, taxes, and wage rates			Prices received by farmers			Prices paid by farmers			Payable per acre		Wage rates	Prices paid, including interest, taxes, and wage rates	
	All farm products	Crops	Livestock and products	Living	Production	Interest payable	Taxes payable	All farm products					Crops	Livestock and products	Living	Production	Interest payable	Taxes payable					
	344	345	346	347	348	349	350	351	352	353			344	345	346	347	348	349	350	351	352	353	
1970	110	100	118	114	110	128	134	128	114	72	1960*	94	99	91	90	92	46	66	74	88	80		
1969	108	97	116	109	106	119	124	119	109	74	1959	95	98	93	89	93	42	60	72	87	81		
1968	103	101	104	104	102	110	111	108	104	73	1958	98	99	99	89	92	38	56	63	86	85		
1967	100	100	100	100	100	100	100	100	100	74	1957	92	99	88	88	90	35	52	66	84	82		
1966	105	105	105	98	99	90	92	93	98	80	1956	91	104	82	85	87	32	49	63	81	83		
1965	98	103	94	95	96	80	85	86	94	77	1955	91	102	84	84	87	28	45	61	81	84		
1964	93	106	85	93	94	71	80	82	92	76	1954	97	107	90	84	89	26	43	60	81	89		
1963	96	106	89	92	95	63	77	80	91	78	1953	100	106	97	84	89	24	41	61	81	92		
1962	96	103	92	91	94	56	74	78	90	80	1952	113	118	110	84	95	23	39	59	84	100		
1961	94	100	91	90	93	51	70	76	88	79	1951	119	117	121	83	95	21	38	55	82	107		

See footnotes at end of table.

Series K 344-353. Indexes of Prices Received and Paid by Farmers, and Parity Ratio: 1910 to 1970—Con.

Year	Indexes of prices received and paid by farmers (1967 = 100)										Parity ratio ¹	Year	Indexes of prices received and paid by farmers (1967 = 100)										Parity ratio ¹
	Prices received by farmers			Prices paid by farmers		Payable per acre		Wage rates	Prices paid, including interest, taxes, and wage rates	353			Prices received by farmers			Prices paid by farmers		Payable per acre		Wage rates	Prices paid, including interest, taxes, and wage rates	353	
	All farm products	Crops	Live-stock and products	Living	Pro-duction	Inter-est payable	Taxes payable						344	345	346	347	348	349	350				
	344	345	346	347	348	349	350	351	352	353			344	345	346	347	348	349	350	351	352	353	
1950	102	103	101	76	86	19	36	50	75	101	1930	49	55	48	45	47	43	32	21	44	83		
1949	98	111	98	75	83	17	34	51	73	100	1929	58	65	57	48	51	45	31	22	47	92		
1948	113	127	114	78	87	16	31	52	76	110	1928	58	65	56	48	52	46	31	22	47	91		
1947	109	122	104	74	78	16	27	49	70	115	1927	55	62	53	48	49	47	31	22	46	88		
1946	93	104	87	63	67	15	24	46	61	113	1926	57	64	55	49	49	48	30	22	47	91		
1945	81	92	76	57	61	16	22	42	56	109	1925	61	69	54	50	51	49	30	21	48	95		
1944	78	87	71	54	60	17	21	38	53	108	1924	56	63	46	48	49	52	30	21	47	89		
1943	76	85	71	52	57	18	21	31	50	113	1923	56	63	46	48	48	55	29	20	46	89		
1942	63	70	62	46	52	20	21	23	44	105	1922	52	58	45	48	44	54	29	18	44	87		
1941	49	55	50	40	45	21	21	18	39	93	1921	49	55	46	51	45	52	27	18	45	80		
1940	39	44	39	38	43	21	21	15	36	81	1920	39	44	37	32	36	26	13	12	31	94		
1939	37	42	39	37	42	22	21	15	36	77	1919	85	96	74	63	68	38	18	24	58	110		
1938	38	43	40	38	43	23	21	15	36	78	1918	81	91	70	53	63	33	17	21	51	119		
1937	48	54	45	40	46	24	20	15	38	93	1917	70	79	60	44	54	30	15	17	43	120		
1936	45	50	43	39	43	26	20	13	36	92	1916	47	53	42	36	40	28	14	18	34	103		
1935	43	48	41	39	43	28	20	13	36	88	1915	39	44	37	32	36	26	13	12	31	94		
1934	35	40	29	38	40	31	21	12	35	75	1914	40	45	39	32	36	24	13	12	30	98		
1933	28	31	25	34	34	34	25	10	32	64	1913	40	45	38	31	35	23	12	12	30	101		
1932	26	29	26	33	34	39	29	12	33	58	1912	39	44	35	31	36	21	11	12	30	98		
1931	34	38	35	39	39	41	31	16	38	67	1911	37	42	32	31	34	19	10	12	29	96		
											1910	41	46	37	31	34	17	10	11	28	107		

* Denotes first year for which figures include Alaska and Hawaii.

¹ Ratio of prices received by farmers to prices paid, including interest, taxes, and wages rates.

Series K 354-357. Farm-to-Retail Price Spreads of Farm Food Products: 1913 to 1970

Year	Market basket of farm food products				Year	Market basket of farm food products				Year	Market basket of farm food products			
	Retail cost	Farm value ¹	Farm-retail spread	Farmer's share		Retail cost	Farm value ¹	Farm-retail spread	Farmer's share		Retail cost	Farm value ¹	Farm-retail spread	Farmer's share
	354	355	356	357		354	355	356	357		354	355	356	357
	Dollars	Dollars	Dollars	Percent		Dollars	Dollars	Dollars	Percent		Dollars	Dollars	Dollars	Percent
1970	1,223	476	747	39	1950	878	415	463	47	1930	568	218	350	38
1969	1,176	480	696	41	1949	884	418	466	47	1929	587	245	342	42
1968	1,119	441	678	39	1948	935	477	458	51	1928	587	246	341	42
1967	1,081	419	662	39	1947	868	448	420	52	1927	585	237	348	41
1966	1,092	445	647	41	1946	711	373	338	53	1926	604	249	355	41
1965	1,037	416	621	40	1945	618	329	289	53	1925	595	249	346	42
1964	1,009	377	632	37	1944	608	312	296	51	1924	547	218	329	40
1963	1,007	378	629	38	1943	618	316	302	51	1923	556	220	336	39
1962	1,009	395	614	39	1942	551	261	290	47	1922	550	217	333	39
1961	999	386	613	39	1941	470	206	264	44	1921	575	228	347	40
1960	996	393	603	39	1940	430	170	260	40	1920	764	327	437	43
1959	991	385	606	39	1939	428	163	265	38	1919	688	331	357	48
1958	1,015	418	597	41	1938	443	170	273	38	1918	614	311	303	51
1957	960	388	572	40	1937	489	202	287	41	1917	594	277	317	47
1956	926	374	552	40	1936	471	189	282	40	1916	431	191	240	44
1955	923	379	544	41	1935	467	179	288	38	1915	360	158	202	44
1954	939	406	534	43	1934	420	142	278	34	1914	365	165	200	45
1953	956	428	528	45	1933	373	120	253	32	1913	354	163	191	46
1952	985	463	522	47	1932	384	120	264	31					
1951	975	477	498	49	1931	458	160	298	35					

¹ Payments to farmers, exclusive of government subsidies, for unprocessed products.

Series K 358-360. Consumer Expenditures, Farm Value, and Marketing Bill, for All Farm Food Products Purchased by Domestic Civilian Consumers: 1913 to 1970

[In billions of dollars]

Year	Consumer expenditures	Farm value	Marketing bill	Year	Consumer expenditures ¹	Farm value	Marketing bill	Year	Consumer expenditures ¹	Farm value	Marketing bill	Year	Consumer expenditures ¹	Farm value	Marketing bill
	358	359	360		358	359	360		358	359	360		358	359	360
1970	101.6	68.5	33.1	1954	51.1	32.3	18.8	1939	15.3	5.4	9.9	1926	16.4	7.0	9.4
1969	95.3	63.2	32.1	1953	51.0	31.5	19.5	1939	13.4	5.2	8.2	1925	15.7	6.8	8.9
1968	90.1	61.1	29.0	1952	50.9	30.5	20.4	1938	13.4	5.2	8.2	1924	14.5	5.9	8.6
1967	84.8	57.5	27.3	1951	49.2	28.7	20.5	1937	14.2	6.0	8.2	1923	14.0	5.6	8.4
1966	82.8	54.7	28.1	1950	44.0	26.0	18.0	1936	14.3	5.8	8.5	1922	12.9	5.2	7.7
												1921	12.6	5.1	7.5
1965	77.6	52.1	25.5	1949	43.4	26.0	17.4	1935	13.8	5.2	8.6	1920	16.5	7.4	9.1
1964	74.6	51.2	23.4	1948	44.8	24.9	19.9	1935	12.9	5.0	7.9	1919	15.2	7.6	7.6
1963	71.5	48.9	22.6	1947	41.9	22.6	19.3	1934	12.5	4.3	8.2	1918	13.2	6.9	6.3
1962	69.3	46.9	22.4	1947	36.5	18.7	17.8	1933	10.9	3.6	7.3	1918	13.2	6.9	6.3
1961	67.1	45.1	22.0	1946	30.8	15.7	15.6	1932	10.6	3.4	7.2	1917	12.4	6.1	6.3
								1931	13.1	4.7	8.4	1916	9.5	4.4	5.1
1960	65.9	44.2	21.7	1945	24.4	12.6	12.5					1915	8.0	3.6	4.4
1959	63.1	42.2	20.9	1944	22.5	11.6	11.4	1930	16.2	6.3	9.9	1914	7.9	3.6	4.3
1958	61.0	39.5	21.5	1943	22.3	11.4	11.1	1929	18.0	7.5	10.5	1914	7.9	3.6	4.3
1957	58.3	37.9	20.4	1942	19.8	9.3	10.5	1929	17.1	7.2	9.9	1913	7.4	3.5	3.9
1956	55.5	36.3	19.2	1941	16.3	7.1	9.2	1928	16.3	6.9	9.4				
1955	53.1	34.4	18.7	1940	14.1	5.6	8.5	1927	16.2	6.7	9.5				

¹ For 1913-1947, consumer expenditures for farm foods eaten away from home are based on retail food store prices.
² Comparable with later years. Beginning 1947, new series based on 1958 benchmark estimate (see text).

³ Comparable with earlier years.
⁴ Revised figures according to the commodity flow method; comparable to 1947-1970 data based on 1958 benchmark estimate.

Series K 361-375. Farm-Mortgage Debt, Loans, and Interest: 1890 to 1970

[In millions of dollars, except as indicated. Loans held by Federal Farm Mortgage Corporation (FFMC) are those made by Land Bank Commissioner. Land Bank Commissioner loans first made in 1933; in 1934 and thereafter made on behalf of FFMC. Authority to make new loans, except incidental to liquidation, expired July 1, 1947. On June 30, 1955, loans of the FFMC were sold to the 12 Federal land banks. Joint-stock land banks have been in liquidation since May 12, 1933; includes banks in receivership]

Year	Debt as of Jan. 1							Loans closed		Interest payable			Taxes levied on farm property		
	Total debt outstanding	Federal land banks and FFMC ¹	Life insurance companies ¹	Commercial and savings banks ²	Joint-stock land banks ¹	Farmers Home Administration ³	Individuals and others	By Federal land banks and FFMC	By joint-stock land banks	Rates (percent) ⁴		Total charges ⁵	Real estate		Personal property
										Loans recorded	Loans outstanding, Jan. 1		Total	Amount per acre (dollars)	
361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	
1970	28,407	6,671	5,733	4,113	455	11,433	1,088		(NA)	5.8	1,714	2,501	2.47	415	
1969	27,139	6,081	5,763	3,856	493	10,944	1,212		6.8	5.7	1,597	2,295	2.27	408	
1968	25,486	5,563	5,539	3,541	536	10,305	1,123		(NA)	5.6	1,475	2,067	2.05	415	
1967	23,301	4,914	5,213	3,169	585	9,418	1,266		6.1	5.4	1,341	1,858	1.84	382	
1966	21,186	4,240	4,801	2,939	631	8,574	1,344		(NA)	5.4	1,203	1,715	1.70	368	
1965	18,894	3,686	4,287	2,668	619	7,631	1,237		5.6	5.4	1,075	1,533	1.57	338	
1964	16,803	3,281	3,780	2,360	605	6,775	1,014		(NA)	5.3	951	1,487	1.47	331	
1963	15,167	3,024	3,391	2,056	588	6,106	759		5.7	5.3	845	1,430	1.41	320	
1962	13,899	2,803	3,161	1,789	569	5,576	654		(NA)	5.2	757	1,381	1.36	304	
1961	12,820	2,539	2,974	1,691	483	5,181	644		5.8	5.1	684	1,315	1.29	298	
1960	12,082	2,335	2,819	1,631	439	4,857	520		(NA)	5.0	627	1,244	1.22	286	
1959	11,091	2,065	2,661	1,511	388	4,464	626		5.4	4.9	571	1,155	1.13	274	
1958	10,382	1,897	2,578	1,414	339	4,152	472		(NA)	4.8	520	1,081	1.05	248	
1957	9,821	1,722	2,476	1,386	289	3,946	403		5.2	4.7	482	1,032	.99	228	
1956	9,012	1,480	2,271	1,346	277	3,635	520		(NA)	4.7	442	974	.92	219	
1955	8,245	1,279	2,051	1,210	287	3,415	482		4.9	4.7	402	931	.88	223	
1954	7,739	1,187	1,892	1,181	282	3,246	301		(NA)	4.6	371	878	.82	216	
1953	7,240	1,095	1,716	1,105	268	3,056	286		5.0	4.6	345	847	.79	221	
1952	6,662	1,026	1,541	1,046	240	2,805	251		(NA)	4.6	318	810	.76	229	
1951	6,112	991	1,352	1,008	220	2,539	211		4.7	4.5	290	777	.73	209	

See footnotes at end of table.

AGRICULTURAL INCOME AND FINANCES

K 361-375

Series K 361-375. Farm-Mortgage Debt, Loans, and Interest: 1890 to 1970—Con.

[In millions of dollars, except as indicated]

Year	Debt as of Jan. 1							Loans closed		Interest payable			Taxes levied on farm property		
	Total debt outstanding	Federal land banks and FFMC ¹	Life insurance companies ¹	Commercial and savings banks ²	Joint-stock land banks ¹	Farmers Home Administration	Individuals and others	By Federal land banks and FFMC	By joint-stock land banks	Rates (percent) ⁴		Total charges ⁵	Real estate		Personal property
										Loans recorded	Loans outstanding, Jan. 1		Total	Amount per acre (dollars)	
	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375
1950	5,579	964	1,172	937	0.3	193	2,311	203	(NA)	4.5	263	742	.69	177	
1949	5,238	946	1,036	900	.5	192	2,212	180	4.7	4.5	243	706	.66	166	
1948	5,064	995	959	840	.6	197	2,069	148	(NA)	4.5	232	656	.62	150	
1947	4,896	1,123	888	683	1.6	191	2,008	147	4.5	4.5	224	605	.57	123	
1946	4,760	1,318	891	507	3.2	184	1,866	143	(NA)	4.6	218	519	.49	99	
1945	4,940	1,556	938	449	5.5	195	1,795	120	(Z)	4.7	221	465	.44	92	
1944	5,395	1,882	986	448	10.1	173	1,894	103	(NA)	4.4	230	419	.40	80	
1943	5,956	2,262	1,042	476	37.0	159	1,978	91	(Z)	4.8	246	400	.38	77	
1942	6,376	2,515	1,063	535	55.9	115	2,090	81	(NA)	4.4	272	400	.38	67	
1941	6,493	2,642	1,016	543	73.5	65	2,151	102	4.9	4.5	284	407	.39	56	
1940	6,586	2,723	984	534	91.7	32	2,220	100	(NA)	4.6	293	401	.39	50	
1939	6,779	2,862	982	519	115.0	10	2,289	78	(NA)	4.6	305	407	.39	49	
1938	6,954	2,950	988	501	133.6	-----	2,380	80	(NA)	4.7	320	400	.38	48	
1937	7,153	2,989	1,015	487	162.8	-----	2,499	102	(NA)	4.9	340	405	.39	47	
1936	7,422	2,907	1,112	487	200.6	-----	2,714	185	(NA)	5.1	364	394	.38	46	
1935	7,534	2,564	1,301	498	277.0	-----	2,942	443	5.4	5.5	396	392	.37	42	
1934	7,635	1,323	1,697	710	412.3	-----	3,535	1,283	5.3	5.8	430	384	.37	40	
1933	8,466	1,147	1,898	889	475.0	-----	4,057	222	5.8	6.0	472	398	.39	39	
1932	9,093	1,180	2,036	940	552.2	-----	4,384	27	6.4	6.0	525	461	.45	49	
1931	9,398	1,197	2,087	946	605.9	-----	4,561	41	5.4	6.4	553	526	.53	63	
1930	9,630	1,201	2,118	997	637.8	-----	4,675	47	5.2	6.4	569	567	.57	81	
1929	9,756	1,182	2,138	1,046	656.5	-----	4,731	63	18.2	6.3	581	568	.58	84	
1928	9,756	1,144	2,172	1,097	669.3	-----	4,672	100	40.6	6.2	6.1	589	556	.58	80
1927	9,658	1,068	2,123	1,143	632.5	-----	4,690	138	33.7	6.2	6.1	593	545	.57	75
1926	9,713	998	2,030	1,178	545.6	-----	4,960	128	123.0	6.3	6.2	598	526	.56	73
1925	9,912	923	1,942	1,200	446.4	-----	5,400	124	131.4	6.3	6.3	611	517	.56	72
1924	10,664	797	1,792	1,388	302.6	-----	6,294	162	74.6	6.3	6.3	646	511	.55	72
1923	10,785	639	1,556	1,506	218.8	-----	6,864	190	189.7	6.3	6.4	679	516	.55	-----
1922	10,702	432	1,432	1,540	85.0	-----	7,212	224	138.7	6.7	6.3	679	509	.54	-----
1921	10,221	349	1,205	1,447	78.0	-----	7,140	91	9.3	7.0	6.2	652	510	.54	-----
1920	8,448	293	974	1,204	60.0	-----	5,915	66	19.3	6.4	6.1	574	483	.51	-----
1919	7,137	156	1,018	1,030	8.4	-----	4,924	144	53.0	6.4	6.1	476	393	.41	-----
1918	6,536	39	955	1,008	1.9	-----	4,551	118	6.6	6.3	6.1	417	311	.33	-----
1917	5,825	-----	861	933	-----	-----	4,030	39	1.9	6.2	6.1	378	292	.31	-----
1916	5,256	-----	765	776	-----	-----	3,714	-----	-----	6.3	6.2	340	260	.28	-----
1915	4,990	-----	669	746	-----	-----	3,574	-----	-----	6.4	6.1	314	243	.26	-----
1914	4,707	-----	597	723	-----	-----	3,386	-----	-----	6.4	6.1	296	222	.24	-----
1913	4,347	-----	550	673	-----	-----	3,123	-----	-----	6.4	6.1	276	218	.24	-----
1912	3,929	-----	479	580	-----	-----	2,869	-----	-----	6.4	6.1	251	191	.21	-----
1911	3,522	-----	423	477	-----	-----	2,621	-----	-----	6.4	6.0	225	183	.21	-----
1910	3,207	-----	386	406	-----	-----	2,414	-----	-----	6.4	6.0	203	166	.19	-----

Year	Taxes levied on farm real estate		Year	Taxes levied on farm real estate		Year	Taxes levied on farm real estate		Year	Taxes levied on farm real estate	
	Total	Amount per acre (dollars)									
	373	374		373	374		373	374		373	374
1909	163	0.19	1904	125	0.15	1899	105	0.13	1894	93	0.13
1908	150	.17	1903	123	.15	1898	102	.13	1893	92	.13
1907	141	.16	1902	113	.14	1897	101	.13	1892	87	.13
1906	132	.16	1901	111	.13	1896	97	.13	1891	84	.13
1905	130	.15	1900	106	.13	1895	98	.14	1890	82	.13

NA Not available. Z Less than \$50,000.
¹ Beginning 1930, includes purchase-money mortgages and sales contracts in addition to regular mortgages.
² Includes soil and water conservation loans and farm-ownership loans insured by Farmers Home Administration.
³ Beginning October 1961, rural-housing loans were made on nonfarm tracts; these loans are included in amount outstanding reported for Jan. 1, 1962, but excluded beginning 1963.
⁴ Average contract rates, except for temporarily reduced rates on outstanding loans of Federal land banks, 1934-1944, and Federal Farm Mortgage Corporation, 1938-1945.

⁵ Payable during calendar year on outstanding loans. Excludes amounts paid by Secretary of the Treasury to Federal land banks, 1933-1944, and Federal Farm Mortgage Corporation, 1937-1945, as reimbursement for interest reductions granted borrowers.
⁶ Average of rates on mortgages recorded during month of March except, beginning 1955, average rates on recordings during first quarter, and, beginning 1967, average rates on recordings during first half of year.
⁷ Beginning 1960, includes data for reporting lending institutions in Alaska and Hawaii. No estimates of total farm-mortgage debt for these States are available.

Series K 376-383. Non-Real-Estate Agricultural Loans Outstanding and Indexes of Deposits of Country Banks: 1910 to 1970

[In millions of dollars, except indexes]

Year	Amount of loans outstanding, Jan. 1					Indexes of deposits of country banks (1967 = 100) ⁴			Year	Amount of loans outstanding, Jan. 1			Indexes of deposits of country banks (1967 = 100) ⁴		
	All operating commercial banks ¹	Farmers Home Administration ²	Agencies supervised by Farm Credit Administration			Total deposits	Demand deposits	Time deposits		All operating commercial banks	Farmers Home Administration ²	Federal intermediate credit banks ³	Total deposits	Demand deposits	Time deposits
			Production credit association	Federal intermediate credit banks ³	Banks for cooperatives										
1970	10,329	785	4,494	217	1,724	127	115	142	1933	1,272	114	79	6	6	4
1969	9,719	821	3,825	180	1,567	118	111	129	1932	1,649	49	71	8	7	6
1968	9,271	738	3,517	176	1,496	110	106	115	1931	2,109	68	62	10	10	7
1967	8,533	737	3,015	156	1,277	100	100	100	1930	2,490	67	47	11	11	8
1966	8,214	717	2,578	139	1,042	92	97	86	1929	2,596	62	43	12	13	8
1965	7,506	643	2,277	124	944	83	93	73	1928	2,552	62	42	12	13	8
1964	7,472	593	2,105	125	830	77	89	64	1927	2,568	62	38	12	13	8
1963	7,099	556	1,838	109	723	72	87	56	1926	2,699	62	25	12	13	8
1962	6,250	496	1,640	98	687	68	84	48	1925	2,674	62	18	12	13	8
1961	5,677	419	1,479	88	639	63	81	40	1924	2,943	62	9			
1960	* 5,019	* 397	* 1,361	* 89	613	61	80	36	1923	3,088	63				
1959	4,910	405	1,114	83	500	62	85	34	1922	3,281	63				
1958	4,046	435	885	67	447	59	82	30	1921	3,869					
1957	4,101	430	699	60	450	56	80	26	1920	3,453					
1956	4,477	405	644	61	363	54	80	22	1919	2,661					
1955	4,659	417	576	58	359	54	79	21	1918	2,489					
1954	4,489	375	541	63	370	52	77	20	1917	2,033					
1953	3,920	337	599	82	416	50	76	18	1916	1,747					
1952	3,409	304	561	77	421	49	74	16	1915	1,605					
1951	2,906	329	450	62	343	46	71	14	1914	1,596					
1950	3,052	346	387	50	300	45	68	14	1913	1,520					
1949	2,861	342	366	55	303	43	66	14	1912	1,379					
1948	1,660	370	289	37	273	44	67	14	1911	1,338					
1947	1,333	400	230	31	177	44	66	13	1910	1,350					
1946	1,177	413	194	26	157	42	65	12							
1945	1,377	452	188	29	212	35	54	10							
1944	1,328	519	196	34	235	28	44	7							
1943	1,490	525	182	38	144	21	34	6							
1942	1,497	485	185	37	112	15	22	6							
1941	1,326	459	170	33	74	13	17	6							
1940	1,134	418	153	32	75	12	14	6							
1939	1,109	351	146	32	87	11	13	6							
1938	821	305	136	39	87	10	12	6							
1937	620	321	104	40	69	10	13	6							
1936	743	278	93	46	49	10	11	5							
1935	840	203	60	55	27	68	59	5							
1934	913	235	(Z)	60	18	7	8	5							

* Denotes first year for which figures include Alaska and Hawaii.
Z Less than \$500,000.

¹ Data for 1935-1966 include loans guaranteed by Commodity Credit Corporation.

² Includes operating loans, emergency loans, emergency crop and feed loans, and, beginning 1966, economic opportunity loans; prior to 1933, only emergency crop and feed loans.

³ Loans to, and discounts for, livestock loan companies and agricultural credit corporations.

⁴ Based upon deposits of member banks of the Federal Reserve System located in places of less than 15,000 population: Ark., Ill., Ind., Iowa, Kans., Ky., Mich., Minn., Mo., Nebr., N.Y., N.C., N. Dak., Ohio, Okla., Pa., S. Dak., Tex., Wash., and Wis.

⁵ Average of 7 months.

⁶ July 1 of previous year.

Farm Productivity (Series K 384-495)

K 384-391. Index of supply and utilization of farm commodities as a percentage of total annual net utilization, 1924-1970.

Source: U.S. Department of Agriculture, Statistical Reporting Service, *Agricultural Statistics, 1967*, p. 542, and *1972*, p. 535.

This index is based on the disappearance data described in series G 881-915, converted to farm level, weighted by average 1957-59 farm prices to derive value aggregates in terms of constant dollars. Prices used are midmonth prices received by farmers in 1957-59 weighted by volume of monthly sales during that period. Both food and nonfood commodities are included.

Each part of the index includes processed and unprocessed commodities. Where processing of farm commodities yields byproducts or joint products, the relative economic importance of the various products is retained by apportioning the farm value of the unprocessed commodity according to the ratio of the wholesale value of the several resulting end products. For processed commodities where no byproduct or joint product is involved, direct conversion to the farm weight is made. See also Agriculture Handbook No. 91, *Measuring the Supply and Utilization of Farm Commodities*, 1955.

K 384, net production. Includes harvested crops (excluding amount used for feed and seed) and marketings of livestock products for consumption plus use on farms where produced.

K 385, net imports. Imports and inshipments from U.S. outlying areas include farm commodities similar to those produced in this country plus those not produced domestically but which are substitutes for U.S. products. Coffee, tea, cocoa, and bananas are included but rubber and silk are excluded. Dockside prices were used for commodities not produced in the United States. Imports include both processed and unprocessed commodities. Imports used for feed and seed are deducted from total imports.

Reports on shipments to and from Alaska and Hawaii were discontinued in April 1948. For foods for which such trade is significant, estimates of inshipments were made through 1959. Beginning 1960, Alaska and Hawaii are included as States.

K 388, civilian food. Figures are derived as a residual by deducting feed, seed, and other nonfood uses, exports and shipments, Government purchases for the military and for export, and ending stocks from total supply of each food available for the year.

K 389, military food. No reliable information on military food procurement is available before 1941, but such takings were relatively small between 1919 and 1940. Data from reports of the Armed Services are supplemented by estimates to cover local procurement of some fresh commodities and items supplied daily.

K 391, exports and shipments. Includes commercial and U.S. Department of Agriculture (USDA) exports and shipments. USDA export programs measure purchases by USDA from commercial sources for subsequent shipments under foreign supply and special export programs. Reports of trade with Alaska and Hawaii were discontinued in 1948 with estimates of some items being made through 1959; beginning 1960, Alaska and Hawaii are included as States.

K 392-406. Value of agricultural raw materials in constant (1967) dollars, 1900-1969.

Source: U.S. Bureau of the Census and U.S. Bureau of Mines, *Raw Materials in the United States Economy: 1900-1969* (Working Paper No. 35, 1972), tables A1-A4 and A7.

These series were obtained by multiplying the physical quantity of each raw material for a given year by the average unit dollar value of the material for 1967, then adding together for the given year all of

these dollar values. For materials produced domestically, the unit-value weights represent averages at point of production for all of the specified materials which were produced in the United States in 1967. For materials which were not produced domestically in 1967, the weights usually represent comparable average unit values for materials imported during 1967.

For 1924-1969, the series for production, imports, exports, and consumption, K 392-395, are based primarily on data for supply and utilization of farm commodities developed by the Agricultural Marketing Service (AMS) and extended for 1962-1969 by the Economic Research Service (ERS). (See Major Statistical Series of the U.S. Department of Agriculture, vol. 5, *Consumption and Utilization of Agriculture Products*, Agriculture Handbook No. 118, December 1957, and U.S. Department of Agriculture, *Measuring the Supply and Utilization of Farm Commodities*, Agriculture Handbook No. 91, November 1955.) These data represent over 95 percent coverage and include essentially all farm commodities produced domestically and imported "complementary and supplementary commodities." The latter represent those that do not compete directly with commodities produced in the United States, such as coffee, tea, cocoa, bananas, and some oilseeds. They exclude rubber and other gum products, silk and vegetable fibers, such as sisal, hemp, and abaca, because they compete more directly with industrial products. They also exclude spices. Imports and consumption have been adjusted to include such foreign farm commodities.

The basic data are on a gross basis. They were adjusted to a net basis by excluding seed and feed consumed domestically from production and consumption.

For 1924-1954 the AMS data are in terms of 1947-1949 average farm prices. For 1955-1969, average farm prices for 1957-1959 were used in the AMS and ERS data. These prices represent receipts by farmers for their products sold at local markets or at the point to which they deliver their products in their own conveyances or in local conveyances hired for the purpose. For commodities not produced domestically, import prices for the first domestic transaction were used.

Consumption data include military takings but are adjusted, insofar as possible, to exclude from consumption and treat as exports quantities shipped for civilian use in liberated and occupied areas. Consumption data are also adjusted for changes in stocks and are, therefore, presented as actual rather than apparent consumption.

The AMS and ERS imports and exports data comprise the raw materials equivalent of the major manufactured products produced from agricultural materials.

For years prior to 1924, the AMS commodity group data were extrapolated back to 1900 by use of production, imports, and exports measures for major components of such series or for closely related series. These series are less precise than the measures for 1924 and later years and no attempt was made to adjust the derived apparent consumption figures for this early period for changes in stocks.

The AMS and ERS crop and livestock production data, K 396 and K 400, used for 1924-1969 measure crop production at the point of harvest and livestock products in terms of marketings for consumption. These data represent "gross production of all farm commodities." They have been adjusted to a net basis by excluding feed and seed. These production series were also adjusted to exclude the farm value of imported cattle and hogs.

For 1909-1923, the product group figures were extrapolated from 1924 by means of indexes of production for 12 groups of agricultural products taken from "Volume of Production of Crops and of Livestock Products for Sale and for Home Consumption, 1910-46," *The Farm*

Income Situation, U.S. Department of Agriculture FIS-83, December 1946.

For 1900-1908, production data used for extrapolation were taken from "Gross Farm Income and Indices of Farm Production and Prices in the United States, 1869-1937," by Frederick Strauss and Louis H. Bean, U.S. Department of Agriculture, Technical Bulletin No. 703, December 1940.

The basic source of imports and exports data compiled primarily by the AMS and ERS to measure the supply and utilization of farm commodities is Bureau of the Census imports and exports data. The AMS and ERS figures were supplemented by import figures for rubber, silk, vegetable fibers, and spices not covered by AMS and ERS and by certain imports and exports of cattle, hogs, live horses and mules, and live poultry for breeding.

For years prior to 1924, Bureau of the Census quantity series for imports and exports of commodities which are components of the AMS groups used for later years were combined to the AMS group level by use of unit-value weights.

K 407-409. Persons supplied per farmworker, 1820-1970.

Source: U.S. Department of Agriculture, *Agricultural Statistics*, annual issues.

The series is a ratio of all consumers of U.S. farm products to U.S. farmworkers. The series was designed to provide a simple, easily calculated measure of productivity of people employed in farming—farm operators, unpaid family workers, and hired workers. As a long-time measure, it appraises changes in farmworker efficiency. It is not intended to be a precise index of slight year-to-year variations in worker efficiency. Slight variations from year to year or during short periods merely denote changes in total yearly agricultural production and farm employment.

To attribute all of the increased productivity only to farmworkers would be a misuse of this series. Over the years, farms and farmworkers have become specialized. Many jobs and functions have been transferred from farms to nonfarm business firms. The classic example of this is the transfer of production of farm-power from farms to tractor manufacturing firms, from horses and mules to mechanized farming. More recently, functions transferred have taken other forms, such as feed preparation and management and custom services. Many non-farm workers now perform functions formerly done by farmworkers. This series does not quantify their contributions.

As functions are transferred from farmworkers to non-farmworkers, the number used directly in farm production declines. However, the number of non-farmworkers engaged in production of goods and services used by farmers increases relative to farmworkers. Thus the series overstates the contribution of farmworkers and ignores the growing importance of non-farmworkers in agricultural production.

The meaning of "persons supplied" has changed over time. In the 19th century and early in the 20th century farmworkers did many things both on the farm and in the farm home which later were done by city workers. Furthermore, agricultural products supplied consumers are now greater in quantity and higher in quality than they were in early years.

The series covers the 48 conterminous States. Four sets of data are used in computing the series:

- (1) The farm employment series is the annual average number of farm operators, unpaid family workers, and hired workers reported by the Statistical Reporting Service (SRS), rounded to the nearest 100,000.
- (2) The total U.S. population is that reported by the Bureau of the Census for July 1, rounded to the nearest 100,000. Data are adjusted to 1940 definitions, and from 1940 include persons in U.S. military forces in this country and abroad.
- (3) The value of agricultural exports and imports is obtained from the Economic Research Service (ERS) and the Foreign Agricultural Service.
- (4) Data on the value of domestic production are from ERS.

The total supply available for consumption in this country is represented by the current dollar value of farm production minus the value of agricultural exports plus the value of agricultural imports. This value of supply, divided by the total U.S. population, gives the per capita level of all agricultural products available for any given year.

The value of U.S. farm production available for domestic use divided by the per capita level of all agricultural products available gives the number of persons in the United States who could be supplied at this level of support with agricultural products from U.S. farm production only.

The value of agricultural exports divided by the U.S. per capita level of agricultural products available gives the number of persons abroad who could be supplied at the same level with agricultural products from our farm production.

The domestic and foreign population that could be supplied by U.S. farm products is divided by total farm employment to obtain numbers of consumers supplied farm products by one farmworker.

K 410-413. Man-hours of labor required on farms, 1910-1970.

Source: See source for series K 407-409.

These series are used to establish the amount of, and to measure changes in, labor input in agriculture by various enterprises. The series were developed for each year by farm production regions beginning with 1939, and for the United States, beginning 1910. They are of help in determining the effects of technological advances, such as mechanization and new hybrids or varieties of crops and animals, on the quantity of farm labor used. They serve as the labor component of an index of total production inputs in agriculture. (See R. A. Loomis and G. T. Barton, *Productivity of Agriculture, United States, 1870-1959*, U.S. Department of Agriculture, Technical Bulletin 1238, 1961.)

The figures are derived for individual farm enterprises by applying average man-hours per acre of crops and per head or unit of production of livestock to the official estimates of acres and numbers reported by the Statistical Reporting Service. The man-hours per acre for each crop are divided into preharvest and harvest work. The hours for preharvest work are applied to the acres planted. They include time for hauling and spreading fertilizer, plowing and disking the land, planting or seeding, cultivating, irrigating, and spraying and dusting for pest control. The hours for harvest work are applied to the acres harvested. They include time for the main harvesting operations and for hauling the crop to storage and to the local market or processing plant.

Man-hours needed for the care and production of livestock include direct labor for such operations as feeding, hauling feed and bedding, cleaning barns and pens, moving animals to or from pasture or range, caring for animals, and disposing of the animals and their products.

Time for farm maintenance or general overhead work is calculated separately and added to the direct labor for crops and livestock in arriving at total man-hours for all farmwork. Maintenance labor includes time spent in constructing and maintaining fences, buildings, and irrigation and drainage structures; in repairing machinery and farm power units; in conservation work that is not part of a regular field operation; in work on permanent pastures and farm woodlots; in conducting the farm business; in making business trips; and in other miscellaneous overhead tasks.

K 414-429. Indexes of total output, and gross production of livestock and crops, by groups, 1870-1970.

Source: U.S. Department of Agriculture, 1870-1900, Statistical Reporting Service, *Gross Farm Income and Indices of Farm Production and Prices in the United States, 1869-1937*, Technical Bulletin No. 703, December 1940; 1910-1933, Economic Research Service, *Changes in Farm Production and Efficiency*, Statistical Bulletin No. 233, August 1958 and July 1964; 1929-1970 (except for series K 425, 1929-1949, and K 429 [1967 = 100]), Council of Economic Advisers, *Economic Report of the President*, January 1972, p. 290 (data compiled by U.S. Department of Agriculture, Economic Research Service), and *Changes in Farm Production and Efficiency*, Statistical Bulletin No. 233, June 1972.

Series K 425, 1929-1949 (1967=100) and series K 429, compiled by Economic Research Service.

The index of farm output, series K 414, includes all crops produced during the crop year except hayseeds, pasture seeds, cover crop seeds, and hay and concentrates fed to horses and mules on farms. The index also includes "net" livestock production (gross livestock production minus hay and concentrates fed) other than horses and mules on a calendar-year basis. This calculation is made to eliminate counting of feed crops in both livestock and crop production. The farm output index is also available for each of the ten farm production regions from 1939 to 1970, and the U.S. data are available by decades from 1870 to 1910, and annually from 1910 to 1970. Although the indexes prior to 1910 are not strictly comparable with those for 1910-1970, they provide the best available measures for the early years.

The indexes for livestock production and crop production are measures of gross production, as they include items of production excluded in the index of farm output. They are subdivided into three livestock groups and nine crop groups. Meat animals, series K 416, includes cattle and calves, sheep and lambs, and hogs; dairy products, series K 417, includes butter, butterfat, wholesale milk, retail milk, and milk consumed on farms; and poultry and eggs, series K 418, includes chicken eggs, commercial broilers, chickens, and turkeys. Feed grains, series K 420, includes corn for grain, oats, barley, and sorghum grain; hay and forage, series K 421, includes all hay, sorghum forage, corn silage, and sorghum silage; food grains, series K 422, includes all wheat, rye, buckwheat, and rice; vegetables, series K 423, includes potatoes, sweetpotatoes, dry edible beans, dry field peas, truck crops for processing, and truck crops for fresh market having value; fruits and nuts, series K 424, includes fruits, berries, and tree nuts having value; sugar crops, series K 425, includes sugar beets, sugarcane for sugar and seed, sugarcane sirup, and maple sirup; cotton, series K 426, includes cotton lint and cottonseed; and oil crops, series K 428, includes soybeans, peanuts harvested for nuts, peanuts hogged, flaxseed, and tung nuts.

Weighted average prices per unit of each commodity are used in constructing these indexes. Separate sets of weights are calculated for each of the 10 farm production regions. Official reports of the Statistical Reporting Service are the chief sources of data on both production and prices. The omission of production from farm forests and other minor items probably accounts for less than 5 percent of the total output in recent years. Commodities of little importance are omitted in some regions for earlier years.

Three weight periods are used: 1935-39 prices for 1939 and prior years, 1947-49 prices for 1940 to 1954, and 1957-59 prices for the period beginning in 1955. The index series for the three subperiods are "spliced" together in 1939 and 1955 through the use of overlapped calculations for those years. Annual quantity-price aggregates for the United States are obtained by summing the regional data.

For more detail, see *Major Statistical Series of the United States Department of Agriculture*, Agriculture Handbook No. 365, vol. 2.

K 430-444. Indexes of farm output per man-hour, 1939-1970.

Source: U.S. Department of Agriculture, *Agricultural Statistics*, 1972, p. 540.

The index of farm labor productivity is the ratio of farm production to labor input. The index numbers are developed by relating the indexes of farm output and production of individual or groups of farm products to the appropriate index of labor input expressed in man-hours. The two basic series are explained in series K 414-429 and series K 445-485, respectively.

Indexes of farm labor productivity reflect the net effect of all factors that affect either farm production or the labor input. Labor is one of the more important inputs in agricultural production and changes in the ratio of production to labor provide a useful measure of changes in efficiency of farm production. These changes in production per man-hour must be evaluated in the light of changes in mechanization, yields of crops and livestock, and the other technological forces that operate on labor input and farm production.

K 445-485. Man-hours per unit and yield per unit of production of selected crops and livestock, 1800-1970.

Source: Series K 445-472, U.S. Department of Agriculture, 1800-1900, *Progress of Farm Mechanization*, Miscellaneous Publication No. 630, October 1947; 1910-14 to 1955-59, Economic Research Service, *Labor Used to Produce Field Crops*, Statistical Bulletin No. 346, May 1964, and unpublished data. Series K 473-485, U.S. Department of Agriculture, 1910-14 to 1945-49, *Gains in Productivity of Farm Labor*, Technical Bulletin No. 1020, December 1950; 1950-54 to 1955-59, *Labor Used to Produce Livestock*, Estimates by States, 1959, Statistical Bulletin No. 336, 1963. All series, U.S. Department of Agriculture, 1960-64 to 1965-69, *Agricultural Statistics*, 1972; 1970, unpublished data. (Before harvest and harvest data, unpublished compilations by Economic Research Service.)

For derivation of figures on man-hours of labor used in farming, see text for series K 410-413.

Estimates of annual man-hours per acre or per head are made by interpolating between or extrapolating from benchmarks. Benchmarks consist of estimates of labor used per acre and per head in each State converted to a farm production region basis. For livestock, interpolation of the labor hours between benchmarks takes into account changes in size of enterprise, such as cows per herd or chickens per flock; production per animal, such as milk per cow and eggs per hen; and extent of different methods and practices followed, such as proportion of farms with milking parlors.

State estimates for major benchmark years may be found in reports issued by the Bureau of Agricultural Economics and Agricultural Research Service, as well as the Economic Research Service.

For more detailed explanation, see *Major Statistical Series of the U.S. Department of Agriculture*, Agriculture Handbook, No. 365, vol. 2.

K 486-495. Indexes of total farm input and major input subgroups, 1910-1970.

Source: U.S. Department of Agriculture, 1910-1930, *Productivity of Agriculture*, Technical Bulletin No. 1238, April 1961; 1939-1970, *Changes in Farm Production and Efficiency*, Supplement V, Statistical Bulletin 233, July 1972.

The farm input index measures yearly changes in resources committed or used to produce farm output. It is also available for each of the 10 farm production regions from 1939 to 1970. Conceptually, the input series includes all inputs requiring annual cash expenditures, such as fertilizer, gasoline, and tires; in addition, it includes unpaid farm operator and family labor and a charge for the use of farmers' equity in capital investments.

The index is calculated by the weighted aggregate method. When possible, quantities of each input used during the year are multiplied by the weighted average prices paid by farmers in the weight period. When quantities are not available, current dollar values are deflated by appropriate indexes of prices paid. To compute the input index, the quantity-price aggregates are expressed as a percentage of average quantity-price aggregates in the reference period.

Three weight periods are used: 1935-39 for the years prior to 1939, 1947-49 for 1939 to 1954, and 1957-59 for 1955 and later years. The quantity-price aggregates are spliced at 1939 and 1955 to convert to one final series of index numbers. The 1967 quantity-price aggregate is used as the reference period. Annual quantity-price aggregates for the United States are obtained by summing the regional data for 1939 and later years. Only U.S. data were calculated for years prior to 1939.

In calculating total farm input, indexes for seven major groups of inputs, series K 489-495, are computed. In addition, inputs are divided into purchased and nonpurchased, series K 487 and K 488. The input index is revised following revision of the data from which it is derived. Most of these revisions are based on benchmarks established by the census of agriculture.

For more detail, see *Major Statistical Series of the United States Department of Agriculture*, Agriculture Handbook No. 365, vol. 2.

Series K 384-391. Index of Supply and Utilization of Farm Commodities as a Percentage of Total Annual Net Utilization: 1924 to 1970

[Domestic use estimated on the basis of value of processed products. "Net" concept excludes domestic use of feed and seed to avoid double counting]

Year	Percent of supply, by source			Percent of annual net utilization, by type of use				
	Net production	Net imports	Stock change ¹	Domestic use			Net nonfood use ³	Exports and shipments
				Total	Food			
					Civilian	Military ²		
384	385	386	387	388	389	390	391	
1970	85.9	11.0	3.1	85.7	76.0	1.1	8.6	14.3
1969	89.6	11.1	-.7	87.8	76.9	1.4	9.5	12.2
1968	89.1	12.1	-1.2	86.5	75.1	1.6	9.8	13.5
1967	89.8	11.1	-.9	86.3	74.8	1.7	9.8	13.7
1966	85.0	11.3	3.7	85.1	72.9	1.6	10.6	14.9
1965	90.7	10.7	-1.4	85.6	73.5	1.5	10.6	14.4
1964	86.5	10.5	3.0	84.3	72.9	1.4	10.0	15.7
1963	89.7	12.0	-1.7	85.8	74.5	1.3	10.0	14.2
1962	88.4	12.2	-.6	86.9	74.4	1.4	11.1	13.1
1961	88.5	11.5	(NA)	86.5	74.8	1.3	10.4	13.5
1960	* 91.1	11.1	* -2.2	* 86.4	* 74.7	* 1.2	* 10.5	13.6
1959	89.4	12.7	-2.1	88.8	76.1	1.4	11.3	11.2
1958	93.2	11.4	-4.6	88.9	76.6	1.5	10.8	11.1
1957	88.4	10.7	.9	87.1	75.0	1.4	10.7	12.9
1956	90.1	10.8	-.9	88.4	75.3	1.6	11.5	11.6
1955	93.0	11.0	-4.0	90.7	77.1	1.7	11.9	9.3
1954	93.5	10.6	-4.1	91.1	77.5	2.0	11.6	8.9
1953	92.9	12.0	-4.9	92.0	77.0	2.3	12.7	8.0
1952	91.6	11.6	-3.2	90.8	75.8	2.5	12.5	9.2
1951	85.4	11.6	3.0	89.4	72.7	3.4	13.3	10.6
1950	87.3	12.4	.3	91.1	75.2	1.7	14.2	8.9
1949	91.4	11.6	-3.0	91.2	75.4	3.5	12.3	8.8
1948	96.2	12.2	-3.4	92.8	75.2	3.5	14.1	7.2
1947	86.8	10.8	2.4	90.9	74.7	2.9	13.3	9.1
1946	87.0	11.0	2.0	90.1	73.6	2.7	13.8	9.9
1945	86.4	10.6	3.0	92.2	67.9	10.5	13.8	7.8
1944	89.7	10.5	-.2	92.6	67.1	11.3	14.2	7.4
1943	84.8	9.9	5.3	91.8	68.6	8.0	15.2	8.2
1942	94.1	9.6	-3.7	94.3	72.9	5.2	16.2	5.7
1941	88.9	14.6	-3.5	95.4	77.7	1.6	16.1	4.6
1940	91.2	12.6	-3.8	95.0	81.3	-----	13.7	5.0
1939	88.3	12.8	-1.1	93.4	80.1	-----	13.3	6.6
1938	93.1	12.4	-5.5	92.1	80.1	-----	12.0	7.9
1937	97.0	14.7	-11.7	93.3	79.5	-----	13.8	6.7
1936	79.0	14.1	6.9	94.0	80.1	-----	13.9	6.0
1935	90.9	14.1	-5.0	93.3	80.8	-----	12.5	6.7
1934	81.2	10.9	7.9	93.1	81.6	-----	11.5	6.9
1933	84.1	11.6	4.3	91.2	79.6	-----	11.6	8.8
1932	91.4	10.4	-1.8	90.1	80.3	-----	9.8	9.9
1931	94.4	11.8	-6.2	90.9	80.1	-----	10.8	9.1
1930	88.8	12.9	-1.7	90.5	79.5	-----	11.0	9.5
1929	85.9	14.1	(NA)	89.2	76.8	-----	12.4	10.8
1928	88.3	12.7	-1.0	88.2	76.3	-----	11.9	11.8
1927	85.6	12.7	1.7	87.4	75.0	-----	12.4	12.6
1926	89.0	13.1	-2.1	88.2	76.4	-----	11.8	11.8
1925	87.1	12.8	.1	88.2	76.4	-----	11.8	11.8
1924	89.4	11.8	-1.2	87.6	76.9	-----	10.7	12.4

* Denotes first year for which figures include Alaska and Hawaii.

NA Not available.

¹ Farm, commercial, and government holdings; excludes live animal inventory. Negative sign indicates stock increases; positive figures denote withdrawals.² Includes civilian feeding in occupied areas.³ Includes alcoholic beverages, soap, and industrial uses.

FARM PRODUCTIVITY

K 392-406

Series K 392-406. Value of Agricultural Raw Materials in Constant (1967) Dollars: 1900 to 1969

[In millions of dollars]

Year	Total				Crops				Livestock				Used for feed and seed		
	Production, net	Imports	Exports	Con- sumption	Production, net	Imports	Exports	Con- sumption	Production, net	Imports	Exports	Con- sumption	Total	Crops	Live- stock
	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406
1969	35,552	4,272	4,797	35,002	13,662	3,118	4,020	12,664	21,890	1,154	777	22,338	10,449	9,786	713
1968	35,467	4,639	5,171	34,608	13,601	3,447	4,379	12,318	21,866	1,192	792	22,290	10,067	9,358	699
1967	35,162	4,134	5,118	33,744	13,481	3,122	4,358	12,009	21,681	1,012	755	21,735	9,737	9,001	736
1966	32,891	4,233	5,407	33,044	12,079	3,127	4,668	11,931	20,812	1,106	739	21,113	10,242	9,364	878
1965	33,973	3,958	5,127	32,394	13,502	2,953	4,252	11,781	20,471	1,005	875	20,613	9,163	8,325	838
1964	32,776	3,836	5,603	32,177	11,865	2,930	4,445	11,427	20,911	906	1,158	20,750	9,421	8,589	862
1963	32,494	4,213	4,840	31,474	12,641	3,051	5,915	11,374	19,853	1,162	925	20,100	9,426	8,564	862
1962	31,145	4,179	4,315	30,800	11,920	3,062	3,823	11,278	18,225	1,117	692	19,582	9,492	8,563	870
1961	30,563	3,871	4,259	30,215	11,448	2,944	3,565	11,123	19,115	927	694	19,092	9,343	8,418	925
1960	30,793	3,681	4,231	29,605	12,112	2,881	3,578	10,843	18,681	800	653	18,762	8,896	7,974	922
1959	29,621	4,084	3,435	29,549	11,287	3,117	2,789	10,852	18,334	967	646	18,697	9,215	8,322	893
1958	29,395	3,618	3,223	28,368	11,787	2,788	2,625	10,424	17,608	830	598	17,944	8,925	7,969	956
1957	28,886	3,452	3,828	28,649	10,728	2,846	3,131	10,463	18,158	606	697	18,186	8,288	7,291	997
1956	29,448	3,394	3,479	29,091	10,849	2,867	2,667	10,577	18,599	527	812	18,514	8,470	7,388	1,082
1955	28,604	3,313	2,678	28,224	10,799	2,761	1,928	10,254	17,805	552	750	17,970	8,402	7,248	1,154
1954	27,507	3,056	2,438	27,059	10,513	2,605	1,923	10,021	16,994	451	515	17,038	8,512	7,201	1,311
1953	27,160	3,521	2,173	27,065	10,410	2,973	1,718	10,166	16,750	548	455	16,899	8,605	7,437	1,168
1952	26,430	3,498	2,416	26,486	10,466	2,854	2,049	10,185	15,964	644	367	16,301	8,753	7,599	1,154
1951	25,028	3,454	2,841	26,312	9,610	2,798	2,349	10,453	15,418	656	492	15,859	8,980	7,715	1,275
1950	24,870	3,546	2,359	26,265	9,428	2,781	1,909	10,332	15,442	765	450	15,933	8,860	7,566	1,294
1949	25,238	3,252	2,280	24,336	10,044	2,778	1,902	9,591	15,194	474	378	15,345	8,630	7,354	1,276
1948	26,162	3,425	1,841	25,237	11,386	2,689	1,529	9,862	14,776	736	312	15,375	8,179	6,932	1,247
1947	25,062	3,051	2,421	26,021	9,174	2,614	1,860	10,211	15,888	437	561	15,810	8,592	7,267	1,325
1946	25,388	3,144	2,774	26,106	9,632	2,426	1,765	10,412	15,756	718	1,009	15,694	9,048	7,808	1,240
1945	24,839	2,951	2,193	25,998	8,719	2,381	1,244	10,287	16,120	570	949	15,711	9,211	7,847	1,364
1944	25,750	3,175	2,121	26,288	9,006	2,646	747	10,148	16,744	529	1,374	16,140	9,272	7,859	1,413
1943	23,190	2,716	2,225	24,788	7,163	2,131	822	9,615	16,027	585	1,408	15,173	10,340	8,764	1,576
1942	23,675	2,319	1,428	23,982	8,973	1,621	551	9,699	14,702	698	877	14,283	9,350	7,650	1,700
1941	21,552	3,716	1,065	23,406	8,280	2,848	641	9,770	13,272	868	424	13,636	8,622	6,811	1,811
1940	20,828	3,148	1,079	22,097	8,024	2,492	910	8,843	12,804	656	169	13,254	8,361	6,604	1,757
1939	19,922	3,093	1,392	21,425	7,907	2,406	1,227	8,779	12,015	687	165	12,646	8,115	6,367	1,748
1938	19,816	2,825	1,567	19,984	8,299	2,295	1,427	7,970	11,517	530	140	12,014	7,746	6,015	1,731
1937	20,709	3,531	1,381	20,352	9,594	2,789	1,268	8,343	11,115	742	113	12,009	6,993	5,355	1,638
1936	17,087	3,267	1,230	20,479	5,611	2,533	1,117	8,365	11,476	734	113	12,114	7,190	5,506	1,684
1935	18,338	3,152	1,302	19,302	7,921	2,488	1,179	8,049	10,417	664	123	11,253	7,043	5,339	1,704
1934	17,315	2,436	1,399	20,064	5,141	1,993	1,192	7,687	12,174	443	207	12,377	6,754	4,990	1,764
1933	17,759	2,568	1,747	19,444	6,022	2,009	1,540	7,402	11,737	559	207	12,042	8,031	6,187	1,844
1932	18,424	2,354	1,913	18,661	7,132	1,873	1,720	6,923	11,292	481	193	11,738	8,375	6,533	1,842
1931	19,479	2,756	1,311	19,190	8,162	2,151	1,578	7,383	11,317	605	233	11,807	7,764	5,921	1,843
1930	18,404	2,961	1,881	19,127	7,296	2,301	1,592	7,528	11,108	660	289	11,599	7,647	5,896	1,751
1929	18,331	3,395	2,204	19,561	7,310	2,440	1,858	7,816	11,021	955	346	11,745	8,020	6,297	1,723
1928	18,414	3,032	2,370	18,956	7,452	2,173	2,039	7,442	10,962	859	331	11,514	8,134	6,439	1,695
1927	17,996	3,021	2,531	18,939	7,032	2,205	2,202	7,378	10,964	816	323	11,561	8,266	6,545	1,721
1926	18,611	3,013	2,365	18,876	7,585	2,289	2,000	7,366	11,026	724	363	11,510	7,570	5,883	1,687
1925	17,931	2,847	2,340	18,493	7,027	2,159	1,906	7,155	10,904	688	434	11,338	8,000	6,376	1,624
1924	18,121	2,572	2,409	18,101	6,897	1,994	1,868	6,709	11,224	578	543	11,392	7,646	6,036	1,610
1923	17,433	2,734	2,137	18,030	6,416	2,037	1,493	6,960	11,017	697	644	11,070	-----	-----	-----
1922	16,798	2,613	2,469	16,947	6,451	1,986	1,383	6,454	10,347	682	536	10,493	-----	-----	-----
1921	15,144	2,278	2,846	14,576	5,507	1,671	2,218	4,960	9,637	607	628	9,616	-----	-----	-----
1920	16,820	2,479	2,571	16,728	7,145	1,773	1,888	7,030	9,675	706	683	9,698	-----	-----	-----
1919	16,855	2,560	3,295	16,120	6,551	1,716	2,055	6,212	10,304	844	1,240	9,908	-----	-----	-----
1918	16,856	2,284	2,735	16,405	6,776	1,453	1,376	6,853	10,080	831	1,359	9,552	-----	-----	-----
1917	16,851	2,301	2,102	16,050	6,340	1,617	1,280	6,677	9,511	684	822	9,373	-----	-----	-----
1916	15,263	2,164	2,750	14,677	5,775	1,469	1,893	5,351	9,488	695	857	9,326	-----	-----	-----
1915	15,828	2,164	3,087	14,905	6,627	1,367	2,215	5,779	9,201	797	872	9,126	-----	-----	-----
1914	16,020	2,237	2,018	16,239	7,202	1,378	1,691	6,889	8,818	859	327	9,350	-----	-----	-----
1913	15,286	1,893	2,170	15,009	6,265	1,336	1,845	5,756	9,021	557	325	9,253	-----	-----	-----
1912	15,760	1,766	2,310	15,216	6,751	1,289	1,980	6,060	9,009	477	330	9,156	-----	-----	-----
1911	15,443	1,595	2,036	15,002	6,287	1,236	1,640	5,883	9,156	359	396	9,119	-----	-----	-----
1910	14,557	1,551	1,622	14,486	5,854	1,168	1,380	5,692	8,703	383	292	8,794	-----	-----	-----
1909	14,552	1,731	1,886	14,397	5,782	1,269	1,476	5,575	8,770	462	410	8,822	-----	-----	-----
1908	14,996	1,306	2,266	14,036	6,054	1,023	1,710	5,387	8,942	283	556	8,669	-----	-----	-----
1907	14,480	1,416	2,389	13,507	5,779	1,124	1,745	5,159	8,701	292	644	8,459	-----	-----	-----
1906	15,016	1,418	2,409	14,025	6,476	1,120	1,625	5,971	8,540	298	784	8,054	-----	-----	-----
1905	14,255	1,416	2,329	13,342	5,815	1,046	1,544	5,317	8,440	370	785	8,025	-----	-----	-----
1904	14,166	1,348	1,975	13,539	6,009	1,060	1,263	5,806	8,157	288	712	7,733	-----	-----	-----
1903	13,563	1,271	2,350	12,504	5,573	1,016	1,635	4,954	7,990	255	695	7,650	-----	-----	-----
1902	13,186	1,307	2,299	12,194	5,689	1,046	1,635	5,100	7,497	261	664	7,094	-----	-----	-----
1901	13,212	1,140	2,320	11,432	5,381	915	1,900	4,396	7,831	225	1,020	7,036	-----	-----	-----
1900	13,041	1,114	2,648	11,507	5,409	818	1,776	4,451	7,632	296	872	7,056	-----	-----	-----

Series K 407-413. Farm Productivity—Persons Supplied Per Farmworker and Man-Hours of Labor: 1820 to 1970

[Excludes Alaska and Hawaii]

Year	Persons supplied per farmworker ¹			Man-hours (in billions) of labor required on farms ²				Year	Persons supplied per farmworker ¹			Man-hours (in billions) of labor required on farms ²			
	Total	Persons at home	Persons living abroad	Total	Livestock and livestock products	All crops	Farm maintenance ³		Total	Persons at home	Persons living abroad	Total	Livestock and livestock products	All crops	Farm maintenance ³
	407	408	409	410	411	412	413		407	408	409	410	411	412	413
1970	47.1	39.9	7.2	6.5	2.4	3.2	0.9	1935				21.1	5.7	10.9	4.4
1969	45.1	39.0	6.1	6.7	2.5	3.3	1.0	1934				20.2	6.1	9.9	4.3
1968	43.4	37.9	5.5	7.0	2.6	3.4	1.0	1933				22.6	6.2	11.6	4.7
1967	42.1	36.0	6.1	7.3	2.7	3.5	1.0	1932				22.6	6.0	11.9	4.7
1966	39.6	33.6	6.0	7.4	2.8	3.5	1.0	1931				23.4	5.9	12.6	4.9
1965	37.0	30.8	6.2	7.8	3.0	3.7	1.1	1930	9.8	8.8	1.0	22.9	5.7	12.3	4.9
1964	33.2	27.9	5.3	8.2	3.2	3.9	1.1	1929				23.2	5.6	12.6	5.0
1963	30.7	25.8	4.9	8.7	3.4	4.1	1.2	1928				23.4	5.5	12.7	5.1
1962	28.6	24.7	3.9	9.0	3.5	4.2	1.3	1927				22.9	5.5	12.4	5.1
1961	27.6	23.6	4.0	9.4	3.7	4.4	1.3	1926				23.9	5.4	13.1	5.3
1960	25.8	22.3	3.5	9.8	3.8	4.6	1.4	1925				23.8	5.4	13.0	5.3
1959	24.5	21.4	3.1	10.3	4.1	4.8	1.5	1924				23.3	5.4	12.6	5.3
1958	23.2	20.6	2.6	10.5	4.2	4.8	1.5	1923				28.1	5.4	12.8	5.3
1957	22.7	19.8	2.9	11.1	4.5	5.0	1.6	1922				22.9	5.3	12.3	5.4
1956	21.7	18.5	3.2	12.0	4.7	5.6	1.7	1921				22.1	5.1	11.8	5.8
1955	19.5	17.3	2.2	12.8	4.9	6.0	1.8	1920	8.3	6.8	1.4	24.0	5.0	13.4	5.6
1954	18.1	16.2	1.9	13.3	5.1	6.2	1.9	1919				23.6	5.1	13.0	5.5
1953	17.2	15.8	1.4	14.0	5.2	6.6	2.1	1918				24.1	5.2	13.2	5.6
1952	16.4	15.0	1.4	14.5	5.3	6.9	2.3	1917				23.8	5.1	13.1	5.5
1951	15.8	14.0	1.8	15.2	5.5	7.2	2.6	1916				23.1	5.1	12.6	5.4
1950	15.5	13.8	1.7	15.1	5.5	6.9	2.7	1915				23.2	5.0	12.8	5.4
1949	14.9	13.4	1.5	16.2	5.5	7.8	2.9	1914				23.7	5.0	13.3	5.5
1948	14.5	12.8	1.7	16.8	5.5	8.3	3.0	1913				23.0	4.9	12.8	5.3
1947	14.1	12.6	1.5	17.2	5.7	8.3	3.2	1912				23.3	4.8	13.2	5.4
1946	14.3	12.4	1.9	18.1	6.0	8.7	3.4	1911				23.0	4.8	13.0	5.3
1945	14.6	12.9	1.7	18.8	6.3	9.0	3.6	1910	7.1	6.1	1.0	22.5	4.8	12.6	5.2
1944	13.8	12.5	1.3	20.2	6.5	9.8	3.8	1900	7.0	5.2	1.7				
1943	13.5	12.1	1.4	20.3	6.6	9.8	3.9	1890	5.8	4.7	1.1				
1942	13.0	11.8	1.2	20.6	6.4	10.2	4.0	1880	5.6	4.5	1.1				
1941	12.0	11.0	1.0	20.0	6.2	9.9	3.9	1870	5.1	4.6	.5				
1940	10.7	10.3	.4	20.5	6.1	10.4	4.0	1860	4.5	4.1	.5				
1939				20.7	6.0	10.6	4.1	1850	4.2	4.0	.2				
1938				20.6	5.8	10.7	4.1	1840	4.0	3.7	.2				
1937				22.1	5.8	11.9	4.4	1830	4.0	3.8	.2				
1936				20.4	5.9	10.4	4.2	1820	4.1	3.8	.3				

¹ Refers to persons supplied farm products; includes farmworkers.

² Man-equivalent hours; represents overhead and time used by average adult males in performing farm operations on crops and livestock.

³ Includes work on horses and mules.

Series K 414-429. Indexes of Total Output and Gross Production of Livestock and Crops, by Groups: 1870 to 1970

[Excludes Alaska and Hawaii]

Year	Farm output	Livestock and livestock products ¹				Crops										Feed used by farm horses and mules
		Total	Meat animals	Dairy products	Poultry and eggs	Total	Feed grains	Hay and forage	Food grains	Vegetables	Fruits and nuts	Sugar crops	Cotton	Tobacco	Oil crops	
		414	415	416	417	418	419	420	421	422	423	424	425	426	427	
1967 = 100																
1970	102	106	108	100	106	100	90	99	91	101	107	119	137	97	117	
1969	103	101	102	99	101	104	89	100	97	103	113	120	135	91	115	
1968	102	100	102	99	103	103	95	100	105	103	93	116	148	87	112	
1967	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1966	96	97	96	101	96	95	89	96	87	97	97	100	129	95	96	
1965	97	95	92	104	90	98	89	97	87	96	95	100	202	94	90	
1964	94	97	98	105	87	93	76	93	84	90	90	113	206	113	75	
1963	95	95	95	104	83	95	87	92	76	94	89	111	207	119	75	
1962	91	92	90	105	81	92	80	92	73	94	92	86	200	117	72	
1961	90	91	89	104	81	91	79	89	78	96	91	84	193	104	71	
1960	90	87	85	101	75	92	88	89	86	91	87	75	192	99	61	
1959	83	88	88	100	76	89	85	84	72	83	93	77	196	91	58	104
1958	86	85	82	101	73	89	82	88	90	90	91	70	154	88	65	117
1957	80	83	80	102	69	80	75	88	61	88	84	72	148	84	53	130
1956	82	84	83	101	68	82	69	81	65	91	92	63	180	110	54	143

¹ Production for human use; excludes horses and mules.

FARM PRODUCTIVITY

K 414-429

Series K 414-429. Indexes of Total Output and Gross Production of Livestock and Crops, by Groups: 1870 to 1970—Con.

Year	Farm output	Livestock and livestock products ¹				Crops										Feed used by farm horses and mules
		Total	Meat animals	Dairy products	Poultry and eggs	Total	Feed grains	Hay and forage	Food grains	Vegetables	Fruits and nuts	Sugar crops	Cotton	Tobacco	Oil crops	
		414	415	416	417	418	419	420	421	422	423	424	425	426	427	
1967 = 100																
1955	82	84	86	99	62	82	69	85	62	86	88	63	199	111	46	161
1954	79	82	81	98	63	79	66	80	66	83	88	69	188	114	41	187
1953	79	79	78	97	61	81	62	80	74	84	87	62	222	105	37	213
1952	78	78	79	92	59	81	64	78	81	81	86	55	205	114	37	252
1951	75	78	79	92	59	77	60	80	63	80	89	54	205	118	38	296
1950	73	75	74	93	56	76	65	77	64	85	87	68	135	103	41	335
1949	74	72	69	93	54	79	64	72	69	84	87	55	217	100	36	383
1948	75	68	66	90	48	83	73	73	80	87	82	54	202	100	39	430
1947	69	70	67	93	49	73	50	73	83	82	90	66	160	107	32	491
1946	71	71	68	94	50	76	66	76	71	93	94	62	118	117	30	557
1945	69	73	70	95	54	73	61	81	68	84	79	56	122	100	31	622
1944	70	73	73	93	51	75	63	78	66	82	87	50	166	99	29	633
1943	68	77	81	91	52	71	60	79	53	86	75	30	155	71	35	743
1942	69	71	73	92	45	76	66	81	62	80	87	68	173	71	33	796
1941	62	64	63	89	39	68	70	74	59	75	88	60	145	64	22	826
1940	60	60	60	85	36	66	53	75	52	74	83	64	170	74	20	852
1939	58	59	59	83	35	64	52	65	47	72	85	66	160	97	17	874
1938	57	56	52	82	33	65	52	70	57	72	75	71	162	70	13	896
1937	58	53	48	80	32	69	54	65	55	73	83	59	257	80	11	926
1936	47	54	50	80	32	50	31	57	40	67	62	59	168	60	9	948
1935	52	50	44	79	30	60	48	71	41	72	80	56	143	67	12	974
1934	43	52	49	79	30	46	27	56	33	71	63	52	130	55	8	991
1933	50	57	58	80	32	56	45	60	35	65	68	63	175	70	6	1,013
1932	54	56	56	80	32	62	59	64	47	68	67	56	175	51	8	1,043
1931	56	56	55	79	32	66	51	63	59	67	82	49	230	78	8	1,083
1930	52	55	52	77	33	59	45	57	55	66	65	52	188	83	8	1,122
1929	53	54	52	76	32	62	50	69	50	65	67	45	200	77	8	1,161
1947-49 = 100																
1957-59 = 100																
1933	70	82	86	87	62	65	56	69	47	73	76	87	105	80	11	863
1932	76	81	83	86	63	73	73	74	63	76	75	77	105	58	13	889
1931	79	80	82	86	63	77	63	72	79	75	92	66	138	89	14	922
1930	72	78	78	84	65	69	56	66	74	74	73	71	113	95	14	956
1929	74	77	77	82	63	73	62	79	69	73	75	61	120	88	13	989
1928	75	76	78	80	62	75	68	77	75	74	80	58	117	79	13	1,026
1927	72	76	78	79	64	72	63	86	73	71	67	60	105	71	15	1,067
1926	73	74	75	77	62	73	61	75	69	67	87	58	146	74	11	1,107
1925	70	71	73	76	58	72	69	73	57	66	66	62	130	78	13	1,141
1924	68	73	78	74	57	69	57	82	71	68	71	62	110	71	15	1,181
1923	69	74	81	72	58	70	68	83	64	65	77	65	82	86	10	1,222
1922	68	71	70	70	55	70	62	80	74	69	77	64	79	70	8	1,256
1921	62	66	71	68	51	65	68	77	69	59	47	82	65	57	8	1,289
1920	70	64	68	65	49	76	76	82	73	64	72	86	109	86	9	1,326
1919	66	66	73	66	50	70	65	82	82	58	62	72	93	81	7	1,370
1918	66	68	80	64	48	69	64	73	78	61	60	83	98	81	9	1,381
1917	65	67	77	64	47	69	73	78	55	63	55	82	92	75	8	1,378
1916	62	66	77	63	47	64	60	83	55	53	63	70	93	68	7	1,374
1915	68	67	77	63	49	72	72	80	84	56	70	65	91	65	6	1,370
1914	66	64	74	61	47	69	61	72	74	57	76	63	131	58	6	1,356
1913	60	63	71	61	47	62	56	67	63	54	52	69	115	56	7	1,330
1912	66	61	68	59	47	71	73	77	62	58	68	63	112	62	10	1,307
1911	59	61	66	59	49	62	58	60	52	51	64	71	128	53	8	1,285
1910	61	60	66	58	47	63	68	70	53	53	52	65	95	64	6	1,252
1900	56															
1890	43															
1880	37															
1870	23															

¹ Production for human use; excludes horses and mules.

Series K 430-444. Indexes of Farm Output Per Man-Hour: 1939 to 1970

[1967 = 100. Excludes Alaska and Hawaii]

Year	Farm output per man-hour	Livestock and products				Crops									
		Total	Meat animals	Milk cows	Poultry	Total	Feed grains	Hay and forage	Food grains	Vegetables	Fruits and nuts	Sugar crops	Cotton	Tobacco	Oil crops
		430	431	432	433	434	435	436	437	438	439	440	441	442	443
1970	113	119	116	123	120	110	101	148	117	106	107	121	125	104	115
1969	112	112	110	115	112	112	109	145	113	106	109	115	117	98	114
1968	106	105	105	106	105	106	102	102	108	101	98	113	130	98	110
1967	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1966	94	98	95	93	95	95	93	99	102	99	99	92	101	96	101
1965	91	87	90	87	87	92	92	96	101	99	95	88	101	95	100
1964	89	89	89	81	82	85	78	93	97	96	91	90	87	99	89
1963	80	77	83	74	73	82	77	92	90	97	87	97	78	97	94
1962	73	71	78	70	66	77	70	89	89	92	87	82	71	93	92
1961	70	67	74	65	61	73	64	89	86	93	78	32	61	88	90
1960	67	62	70	60	55	71	58	84	93	89	74	79	56	87	84
1959	62	59	68	57	50	66	52	81	77	88	74	75	52	81	82
1958	59	55	65	53	45	65	47	77	85	82	73	67	48	81	81
1957	53	50	63	49	39	56	40	71	62	80	69	67	44	77	69
1956	50	48	62	46	37	52	35	65	54	76	75	59	41	80	67
1955	47	46	62	43	32	48	31	63	50	70	75	53	39	75	60
1954	43	43	59	40	30	45	29	58	46	67	74	51	35	71	54
1953	41	41	58	39	27	43	27	63	43	64	70	49	33	67	51
1952	39	40	56	37	24	42	26	60	46	63	67	43	30	67	50
1951	36	39	56	36	23	38	23	58	38	59	65	39	28	67	46
1950	35	37	55	35	21	39	23	55	40	57	64	38	25	66	47
1949	33	36	54	35	21	36	20	50	34	55	62	34	27	64	40
1948	32	34	53	33	19	35	20	47	36	56	57	30	24	65	34
1947	29	33	52	33	18	31	14	43	35	50	59	30	22	61	26
1946	29	32	52	31	18	31	16	40	31	48	59	28	19	62	25
1945	27	31	53	30	18	29	14	37	28	45	53	25	19	58	23
1944	25	31	53	28	17	27	13	35	27	42	56	24	20	59	21
1943	24	32	55	27	15	26	12	33	24	43	50	23	18	54	20
1942	24	30	53	27	17	26	13	32	26	42	54	25	19	56	20
1941	22	28	50	26	16	24	13	30	23	40	53	26	16	54	20
1940	21	27	50	25	15	22	10	30	21	40	51	27	17	56	18
1939	20	27	49	25	15	21	10	28	18	39	51	24	16	53	17

Series K 445-485. Man-Hours Per Unit and Yield Per Unit of Production of Selected Crops and Livestock: 1800 to 1970

[Figures for 5-year periods are annual averages]

Year	Wheat					Corn for grain					Cotton				
	Man-hours per acre			Yield per acre ¹ (bu.)	Man-hours per 100 bushels	Man-hours per acre			Yield per acre ¹ (bu.)	Man-hours per 100 bushels	Man-hours per acre			Yield of limit per acre ¹ (pounds)	Man-hours per bale ²
	Total	Before harvest	Harvest			Total	Before harvest	Harvest			Total	Before harvest	Harvest		
	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459
1970	2.9	1.8	1.1	31.0	9	5.2	2.9	2.3	71.6	7	24	21	3	438	26
1965-1969	2.9	1.8	1.1	27.5	11	5.8	3.3	2.5	77.4	7	30	22	8	485	30
1960-1964	3.0	1.9	1.1	25.2	12	7.0	4.3	2.7	62.2	11	47	23	24	475	47
1955-1959	3.8	2.3	1.5	22.3	17	9.9	6.5	3.4	48.7	20	66	25	41	428	74
1950-1954	4.6	2.6	2.0	17.3	27	13.3	8.9	4.4	39.4	34	66	30	36	296	107
1945-1949	5.7	2.9	2.8	16.9	34	19.2	12.2	7.0	36.1	53	83	38	45	273	146
1940-1944	7.5	3.8	3.7	17.1	44	25.5	16.0	9.5	32.2	79	99	46	53	260	182
1935-1939	8.8	4.3	4.5	13.2	67	28.1	17.9	10.2	26.1	108	99	47	52	226	209
1930-1934	9.4	4.6	4.8	13.5	70	28.2	17.6	10.6	23.0	123	97	53	44	184	252
1925-1929	10.5	5.1	5.4	14.1	74	30.3	17.9	12.4	26.3	115	96	59	37	171	268
1920-1924	12.4	6.0	6.4	13.8	90	32.7	19.2	13.5	26.8	122	96	59	37	155	296
1915-1919	13.6	6.6	7.0	13.9	98	34.2	20.0	14.2	25.9	132	105	62	43	138	299
1910-1914	15.2	7.0	8.2	14.4	106	35.2	20.4	14.8	26.0	135	116	64	52	201	276
1900	15.0	7.0	8.0	13.9	108	38.0	22.0	16.0	25.9	147	112	62	50	189	284
1880	20.0	8.0	12.0	13.2	152	46.0	28.0	18.0	25.6	180	119	67	52	188	303
1840	35.0	12.0	23.0	15.0	233	69.0	44.0	25.0	25.0	276	135	90	45	147	438
1800	56.0	16.0	40.0	15.0	373	86.0	56.0	30.0	25.0	344	185	135	50	147	601

See footnotes at end of table.

Series K 445-485. Man-Hours Per Unit and Yield Per Unit of Production of Selected Crops and Livestock: 1800 to 1970—Con.

Year	Hay			Potatoes					Tobacco				
	Man-hours per acre harvested	Yield per acre (tons)	Man-hours per ton	Man-hours per acre			Yield per acre (cwt.)	Man-hours per ton	Man-hours per acre			Yield per acre (pounds)	Man-hours per 100 pounds
				Total	Before harvest	Harvest			Total	Before harvest	Harvest		
	460	461	462	463	464	465	466	467	468	469	470	471	472
1970	3.5	2.03	1.7	44.1	17.6	26.5	229.0	4	496	106	390	2,121	23
1965-1969	3.8	1.94	1.9	45.1	18.7	26.4	212.8	4	489	116	373	1,957	25
1960-1964	5.0	1.77	2.8	48.0	20.0	28.0	194.9	5	493	131	362	1,879	26
1955-1959	6.0	1.61	3.7	53.1	23.0	30.1	178.1	6	475	146	329	1,541	31
1950-1954	6.3	1.43	4.4	63.1	27.5	35.6	151.2	8	464	159	305	1,292	36
1945-1949	8.4	1.35	6.2	68.5	32.7	35.8	117.8	12	460	164	296	1,176	39
1940-1944	11.0	1.35	8.1	68.5	36.7	31.8	82.1	17	442	161	281	1,026	43
1935-1939	11.3	1.24	9.1	69.7	-----	-----	70.3	20	415	-----	-----	886	47
1930-1934	10.3	1.08	9.5	67.9	-----	-----	64.6	21	370	-----	-----	784	47
1925-1929	12.0	1.22	9.8	73.1	-----	-----	68.4	21	370	-----	-----	772	48
1920-1924	12.5	1.22	10.2	75.2	-----	-----	64.6	23	353	-----	-----	773	46
1915-1919	13.0	1.25	10.4	73.8	-----	-----	56.9	26	353	-----	-----	803	44
1910-1914	11.9	1.15	10.3	76.0	-----	-----	59.8	25	356	-----	-----	816	44

Year	Milk cows			Cattle, man-hours per cwt. of beef produced ^{3,4}	Hogs, man-hours per cwt. produced ⁴	Chickens (laying flocks and eggs)			Chickens (farm raised)		Chickens (broilers)		Turkeys, man-hours per cwt. produced ⁴
	Man-hours per cow	Milk per cow (pounds)	Man-hours per cwt. of milk			Man-hours per 100 layers	Rate of lay per year	Man-hours per 100 eggs produced	Man-hours per 100 birds	Man-hours per cwt. produced ⁴	Man-hours per 100 birds	Man-hours per cwt. produced ⁴	
				473	474								475
1970	67.8	9,385.0	0.7	1.8	1.2	86.0	218.0	0.4	13.1	3.6	1.4	0.4	1.0
1965-1969	78.0	8,733.0	.9	2.1	1.4	98.0	219.0	.4	14.0	3.7	2.0	.5	1.3
1960-1964	93.0	7,507.0	1.2	2.6	1.9	126.0	212.0	.6	17.0	4.7	3.0	.8	2.4
1955-1959	109.0	6,307.0	1.7	3.2	2.4	175.0	200.0	.9	23.0	6.7	4.0	1.3	4.4
1950-1954	121.0	5,444.0	2.2	3.6	2.7	232.0	181.0	1.3	27.0	7.3	3.0	2.4	6.8
1945-1949	129.0	4,992.0	2.6	4.0	3.0	240.0	161.0	1.5	29.0	7.7	16.0	5.1	13.1
1940-1944	142.0	4,653.0	3.1	4.0	3.0	223.0	142.0	1.6	29.0	8.2	23.0	7.7	19.6
1935-1939	148.0	4,401.0	3.4	4.2	3.2	221.0	129.0	1.7	30.0	9.0	25.0	8.5	23.7
1930-1934	147.0	4,289.0	3.4	4.3	3.2	225.0	121.0	1.9	31.0	9.3	-----	-----	26.7
1925-1929	145.0	4,437.0	3.3	4.3	3.3	218.0	117.0	1.9	32.0	9.4	-----	-----	28.5
1920-1924	142.0	4,000.0	3.6	4.5	3.5	-----	-----	-----	32.0	9.3	-----	-----	30.0
1915-1919	141.0	3,790.0	3.7	4.5	3.6	-----	-----	-----	33.0	9.4	-----	-----	31.1
1910-1914	146.0	3,842.0	3.8	4.6	3.6	-----	-----	-----	33.0	9.5	-----	-----	31.4

¹ Data for 1800 and 1840 are estimates by the authors. Data for 1880 and 1900 are 5-year averages of published data, centered on year shown. Data for 1970 are for single year.
² For statistical purposes, the bale of cotton is 500 pounds gross weight or 480 pounds net weight of lint. Prior to August 1, 1946, the net weight was estimated at 478 pounds.

Running bales reported prior to 1899 have been converted to bales of 478 pounds net weight. Actual bale weights vary considerably.
³ Production includes beef produced as a byproduct of the milk cow enterprise.
⁴ Live-weight production.

Series K 486-495. Indexes of Total Farm Input and Major Input Subgroups: 1910 to 1970

[1967 = 100]

Year	Total input			Farm labor 489	Farm real estate 490	Mechanical power and machinery 491	Fertilizer and liming materials 492	Feed, seed, and livestock purchases ³ 493	Taxes and interest 494	Miscellaneous 495
	All	Non-purchased ¹	Purchased ²							
	486	487	488							
1970.....	102	98	104	89	100	102	113	109	107	107
1969.....	102	100	104	94	100	103	110	105	105	110
1968.....	101	100	102	96	100	102	107	101	103	108
1967.....	100	100	100	100	100	100	100	100	100	100
1966.....	99	101	97	101	99	100	90	97	98	98
1965.....	98	103	94	109	100	96	80	91	95	101
1964.....	98	104	92	115	100	93	76	90	94	99
1963.....	97	105	90	120	99	92	70	83	92	94
1962.....	96	108	87	123	98	91	62	89	90	89
1961.....	96	111	85	129	99	90	58	87	89	84
1960.....	97	112	84	134	99	91	54	84	87	80
1959.....	98	118	82	139	100	92	54	84	86	79
1958.....	97	120	79	143	100	91	48	80	82	74
1957.....	97	124	77	149	102	90	46	75	81	69
1956.....	100	130	77	160	103	91	44	76	82	70
1955.....	102	136	76	170	106	91	45	73	82	68
1954.....	102	138	75	176	105	90	43	72	80	64
1953.....	103	140	75	184	105	90	42	70	80	65
1952.....	104	141	76	191	105	88	39	70	79	67
1951.....	104	144	74	200	106	84	36	68	77	67
1950.....	101	141	71	199	105	79	32	64	77	63
1949.....	102	143	72	212	104	75	31	62	77	62
1948.....	100	142	69	220	104	68	29	57	74	59
1947.....	99	142	68	226	103	60	28	56	76	54
1946.....	99	145	68	239	102	55	24	54	76	54
1945.....	100	151	65	249	99	56	23	55	75	53
1944.....	103	156	66	265	98	55	23	53	74	54
1943.....	102	155	65	267	98	53	19	53	72	52
1942.....	101	154	64	271	100	50	17	49	69	49
1941.....	98	147	63	265	102	44	15	46	68	52
1940.....	98	147	63	269	103	42	14	43	68	51
1939.....	97	147	61	270	101	40	12	41	67	50
1930.....	100	164	54	299	101	40	11	30	70	51
1920.....	96	166	46	313	102	32	8	26	57	53
1910.....	85	147	41	294	98	20	6	19	47	45

¹ Includes operator and unpaid family labor, and operator-owned real estate and other capital inputs.² Includes all inputs other than nonpurchased inputs.³ Nonfarm portion of feed, seed, and livestock purchases.

Crops and Livestock (Series K 496-623)

K 496-501. Acreages of harvested crops, by use, and indexes of cropland used for crops and crop production per acre, 1910-1970.

Source: U.S. Department of Agriculture. Series K 496-499, 1910-1949, Economic Research Service, *Changes in Farm Production and Efficiency*, Statistical Bulletin No. 233, July 1964; series K 500-501, 1910-1949, unpublished data. All series, 1950-1970, *Changes in Farm Production and Efficiency*, Statistical Bulletin No. 233, June 1971.

Acreages for harvested crops do not include pasture. The total crop acres harvested, series K 496, consists of acreages of the 59 crops harvested (excluding duplication) plus acreages in tree fruits, small fruits, tree nuts, and farm gardens. Acreages of several minor crops, which are not included, have accounted for about 0.5 million acres in recent years.

Acreages used for production of crop exports, series K 497, are determined by dividing the quantity exported by the average yield per acre. Two steps are necessary in computing the acreages of crops used to produce each of the livestock products exported. The first consists of estimating the quantities of each feed crop used to produce 100 pounds of pork, 100 pounds of milk, 100 dozen eggs, and so on. The second consists of determining the quantity of each feed crop used to produce the products exported, and then determining the acreages needed to produce each feed crop, at average yields per acre. Periodic 5-year average yields rather than yields for each year are used.

Yield data for the export estimates are from reports of the Crop Reporting Board. Data for volume of exports prior to 1940 are from *Agricultural Statistics*. For 1940-1970, export data are from reports and records of the Economic Research Service.

Estimates of feed consumed by horses and mules are based on the following average rations of corn, oats, and all hay: For 1910-1919, the calculations allow 800 pounds of oats, 1,600 pounds of shelled corn, and 1.8 tons of hay per head for farm horses and mules 3 years old and over and animal-unit equivalents for younger animals. For 1920-1940, it was assumed that as farm horses were worked less, they consumed less grain and more hay. Consequently, the rate of feeding corn was decreased 10 pounds per head per year and the rate of feeding hay was increased 20 pounds. Beginning with 1941, it was assumed that horses and mules would work less each year, and that on the average they would be fed less corn, oats, and hay and would consume more pasture.

For nonfarm horses and mules, it was assumed that, for 1910-1931, the quantities of grain and hay consumed per head per year were a third more than those consumed by farm work animals. Since 1932, the computations have rounded out to one million acres used in producing feed for nonfarm horses and mules.

Prior to 1960, basic data on horses and mules were from publications of the Economic Research Service. Estimates of horses and mules on farms were discontinued in 1960. The rations for horses and mules are based on data from many sources, especially from Bureau of Agricultural Economics, *Work Performed and Feed Utilized by Horses and Mules*, Farm Management 44, 1944, and on judgment of workers familiar with the subject.

The series on cropland used for crops, series K 500, is made up of three components—acres of harvested cropland (land from which one or more crops were harvested), crop failure, and summer fallow. The index excludes idle cropland and land in soil-improvement crops during the entire year and not harvested. These figures are based on estimates of principal crops harvested and crop losses prepared by the former Bureau of Agricultural Economics (BAE) and the

Statistical Reporting Service (SRS) and on data from the 1925 to 1954 censuses of agriculture. Data from the 1950 to 1964 censuses of agriculture were adjusted to cover some of the underenumeration indicated by postenumeration surveys.

Acreages of crop failure were derived from the 1925 to 1945 censuses of agriculture, and interpolations for intervening years were based on BAE estimates of crop losses or differences between planted and harvested acreages of principal crops. Acreages of crop failure for recent years are based chiefly on crop losses as reported by SRS. Reported acreages of crop losses are adjusted for the replanting of part of the acreage on which winter wheat is abandoned. Hay land that produced nothing but pasture in some dry seasons is not included in crop failure in recent years.

Estimates of acreage of cultivated summer fallow were made only for the geographic divisions west of the Mississippi River.

Indexes of total crop production were divided by indexes of cropland used for crops to derive indexes of crop production per acre, series K 501. Indexes of crop production were developed as one step in the calculation of farm output; see series K 419-429.

For a more detailed explanation of these series, see *Major Statistical Series of the U.S. Department of Agriculture*, Agriculture Handbook No. 365, vol. 2.

K 502-563. General note.

For many crops, estimates of acreage, production, and prices begin in 1866, the year in which the Department of Agriculture began making regular reports. *Agricultural Statistics*, particularly the issues of 1941 and 1952, presents most of the available statistics, chiefly on a national basis, covering every phase, from acreage and production of individual commodities to utilization and consumption. *Crop Production* (Crop Reporting Board) presents monthly forecasts for the current season, beginning in March and carrying through the growing season. The December issue provides a summary for the current season, revisions for the previous season, and comparisons with previous years. These data appear also in *Crops and Markets*.

Census data shown are often not entirely comparable with the estimates shown, but furnish the benchmarks to establish the level of the estimates. For years before 1866, information from trade sources is available for some crops, such as cotton, tobacco, and rice.

Crop estimates are based chiefly upon reports from volunteer farmer-reporters who represent every part of every State. Check information is gathered from processors, from transportation and storage facilities, from buyers of farm products, from annual State farm enumerations, from various farm programs, and from other governmental agencies such as the Bureau of the Census, the Internal Revenue Service, and the Bureau of Customs.

Season average prices are averages of the midmonth prices weighted by the quantity sold each month in the crop-marketing season, which is the 12-month period following the harvesting of the crop. This season may vary for different crops, and for any crop it may vary by States. The season average price of any crop is the average of all the State prices, weighted by the production of each State. Thus, it may be applied to production in any given year to obtain a measure of the value of that production. State season average prices may be weighted by quantities sold in each State to obtain an average for the United States which may be applied to total quantities sold in the United States to measure value of sales in the crop season. In neither case, however, should the computed value be confused with calendar-year income from the crop. Monthly estimates of quantity sold

are based upon reports of receipts by the chief purchasers of the commodity—in the case of grains, the interior mills and elevators.

Midmonth prices received by farmers are estimated by the Crop Reporting Board and are based upon reports from thousands of firms dealing directly with farmers (such as elevators, truckers, processors, produce dealers, etc.) and from farmers themselves.

Season average prices for each State and the United States are summed up in the December issue of *Crop Values* and in *Field and Seed Crops Farm Production, Farm Disposition, and Value* issued each May. Data for season average prices begins for most commodities in 1908, but is supplemented for preceding years by the December 1 price series based on farmers' estimates on December 1 of average prices for the season's sales.

K 502-505. Corn acreage, production, price, and stocks, 1839-1970.

Source: Series K 502-504, U.S. Department of Agriculture, Statistical Reporting Service, *Agricultural Statistics: 1967 and 1972* editions; census years, U.S. Bureau of the Census, *U.S. Census of Agriculture: 1964*, vol. II, table 5, p. 313; and *1969*, vol. II, chapter 6. Series K 505, U.S. Department of Agriculture, Statistical Reporting Service, *Agricultural Statistics: 1952, 1957, 1962, 1967, and 1972* editions.

Corn figures include not only the production of corn on the acreage harvested for grain, but also an allowance for that harvested for silage and for forage, including some harvested by grazing farm animals (commonly called hogging off). Beginning 1961, production figures represent corn harvested for grain only. Census figures for 1919 and previous years for both acreage and production represent corn harvested for grain only. For 1924-1969, census data for acreage represent corn harvested for all purposes, but those for production represent corn harvested for grain only.

The Crop Reporting Board has estimated farm stocks, series K 505, by States, quarterly since 1926 from reports of a large number of farmers. Farm stocks represent the farm carryover for crops of previous years, which become a part of the feed supply for the new season. In addition to farm stocks of corn, stocks in all off-farm positions have been estimated since 1943. Comparison with the farm-stocks data indicates that the bulk of carryover stocks of corn on October 1 of any year is still on farms.

U.S. Department of Agriculture data exclude Hawaii, census data include Hawaii; corn is not grown in Alaska.

See also general note for series K 502-503.

K 506-510. Wheat acreage, production, price, and stocks, 1839-1970.

Source: Series K 506-507, see source for series K 502-504. Series K 508, see source for series K 502-504 and, for census years, *U.S. Census of Agriculture: 1954*, vol. II, p. 633; *1964*, vol. II, table 5, p. 313; and *1969*, vol. II, chapter 6. Series K 509, see source for series K 505. Series K 510, 1926-1933, U.S. Department of Agriculture, Statistical Reporting Service, *Agricultural Statistics, 1941 and 1946*; 1934, Agricultural Marketing Service, Statistical Bulletin No. 203, January 1957 (processed); 1935-1970, *Agricultural Statistics: 1957, 1962, 1967, and 1972* editions.

Wheat figures are the combined estimates for winter, durum, and other spring wheat harvested for grain. The census data on acreage and production are regarded as comparable with the estimates in most cases. Wheat acreage harvested for hay is not included in these series.

Farm stocks of all wheat, by States, have been estimated quarterly since 1926 from reports of a large number of farmers. Farm stocks, series K 509, represent the farm carryover from previous crops at the beginning of a new crop year. The carryover added to the new crop is the supply for the new season.

U.S. Department of Agriculture data exclude Alaska, census data include Alaska; wheat is not grown in Hawaii.

See also general note for series K 502-563.

K 511-513. Oats acreage, production, and price, 1839-1970.

Source: See source for series K 502-504.

For 1866-1948, oats for grain figures include the acreage cut ripe and fed unthreshed; for 1949-1970, they include only the acreage and production combined or threshed. Estimates of harvested acreage exclude oats cut green for hay for all years, and oats cut ripe and fed unthreshed, 1949-1970. Census data are comparable only with the estimates beginning in 1949.

See also general note for series K 502-563.

K 514-516. Barley acreage, production, and price, 1839-1970.

Source: See source for series K 502-504.

The annual estimates of barley acreage and production and the census data are on a comparable basis. Barley cut for hay is excluded. Figures on farm stocks are available from 1933-1970, and stocks in off-farm positions have been estimated since 1943.

See also general note for series K 502-563.

K 517-519. Flaxseed acreage, production, and price, 1849-1970.

Source: Series K 518, 1866-1888, U.S. Department of Agriculture, Agricultural Marketing Service, *Revised Estimates of Flaxseed Production, 1866-1929*, July 1936 (processed). Series K 517-519, 1839-1970, Statistical Reporting Service, *Agricultural Statistics, 1941, 1942, 1952, 1957, 1962, 1967, and 1971* editions; and for census years, see census source cited for series K 502-504.

Annual estimates and census data are on a comparable basis. Flax grown for fiber is not included in the acreage estimates; flaxseed deseeded from fiber flax is not included in the production estimates. Estimates of fiber flax are available in publications of the Crop Reporting Board. Farm-stocks data and stocks in off-farm positions, 1947-1970, are also available from the same source.

See also general note for series K 502-563.

K 520-522. Soybeans acreage, production, and price, 1909-1970.

Source: See source for series K 502-504.

Price figures are season average prices prepared by weighting the midmonth prices received by farmers. Figures for acreage grown for all purposes, alone and interplanted, and acreage and production of soybeans for hay are also estimated by the Crop Reporting Board. Data on farm stocks and stocks in off-farm positions, 1942-1970, are also available in publications of the same agency.

See also general note for series K 502-563.

K 523-525. Sorghum grain acreage, production, and price, 1919-1970.

Source: U.S. Department of Agriculture, Statistical Reporting Service, *Agricultural Statistics, 1937, 1972, and 1973* editions.

Sorghum grain includes both grain sorghums for grain, and sweet sorghums for grain or seed. Price is based on the reported price of grain sorghums. It is obtained by weighting State prices by quantity sold and includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

See also general note for series K 502-563.

K 526-528. Rye acreage, production, and price, 1839-1970.

Source: Series K 526-527, 1866-1908, U.S. Department of Agriculture, Statistical Reporting Service, *Agricultural Statistics, 1941*; 1909-1961, see source for series K 505; 1962-1970, see source for series K 502-504. Series K 528, 1866-1908, *Agricultural Statistics, 1941*; 1909-1969, see source for series K 505; 1970 and census years, see source for series K 502-504.

Data on farm stocks are available from 1933-1970, and on stocks in off-farm positions from 1943.

See also general note for series K 502-563.

K 529-531. Buckwheat acreage, production, and price, 1839-1969.

Source: 1866-1923, U.S. Department of Agriculture, Agricultural Marketing Service, *Rice, Popcorn and Buckwheat Acreage, Yield, Production, Price and Value, 1866-1953*, Statistical Bulletin No. 238, October 1958. Series K 529-530 for 1924-1961, and series K 531 for 1924-1964, U.S. Department of Agriculture, Statistical Reporting Service, *Agricultural Statistics, 1962, 1967, and 1971*. Series K 529-530, 1962-1964, *Crop Production*, 1971 annual summary, January 14, 1972. Series K 531, 1966-1969, *Crop Values*, 1966 and subsequent annual issues. For census years, see source for series K 502-504.

See general note for series K 502-563.

K 532-537. Irish potatoes and sweetpotatoes acreage, production, and price, 1849-1970.

Source: Series K 532, U.S. Department of Agriculture, 1866-1918, Agricultural Marketing Service, Statistical Bulletin No. 122, March 1933. Series K 533 and series K 536, 1866-1918, U.S. Department of Agriculture, Crop Reporting Board, unpublished data. Series K 534, 1866-1908, see source for series K 533; 1909-1918, U.S. Department of Agriculture, Agricultural Marketing Service, *Agricultural Prices*, February 1957. Series K 535, 1868-1918, U.S. Department of Agriculture, Statistical Reporting Service, *Agricultural Statistics, 1941*. Series K 537, 1866-1908, see source for series K 533; 1909-1918, U.S. Department of Agriculture, Agricultural Marketing Service, *Agricultural Prices*, January 1957. For all series, 1919-1970, Statistical Reporting Service, *Agricultural Statistics, 1957, 1962, and 1972* issues. Census years, U.S. Bureau of the Census, *U.S. Census of Agriculture: 1964*, vol. II, table 5, p. 313; and 1969, vol. II, chapter 6, tables 46 and 47.

Estimates of potatoes and sweetpotatoes relate to the total crop harvested and include quantities used on farms where grown, and losses from shrinkage, cullage, and dumping after harvest. The potato crop is divided into six seasonal groups: Winter, early spring, late spring, early summer, late summer, and fall. The seasonal estimates are based on the usual time of harvest. The schedule of estimates and the classification of States are shown in Agriculture Handbook No. 127, June 1967.

In censuses prior to 1950, the acreage of sweetpotatoes was to be reported in all cases, even when the quantity harvested was small. Therefore, acres harvested for censuses prior to 1950 are not fully comparable with those of the last four censuses.

K 538-540. Rice acreage, production, and price, 1895-1970.

Source: Series K 538-539, 1895-1908, U.S. Department of Agriculture, Agricultural Marketing Service, *Fluctuations in Crops and Weather*, Statistical Bulletin No. 101, June 1951 (processed); 1909-1961, see source for series K 505; 1962-1970, see source for series K 502-504. Series K 540, 1904-1908, Agricultural Marketing Service, unpublished data; 1909-1969, see source for series K 505; 1970 and census years, see source for series K 502-504.

See general note for series K 502-563.

K 541-543. Sugarcane acreage, production, and price, 1909-1970.

Source: U.S. Department of Agriculture, Statistical Reporting Service, *Agricultural Statistics*, various issues. Census years, U.S. Bureau of the Census, *U.S. Census of Agriculture: 1964*, vol. II, chapter 4, table 5; and 1969, vol. II, chapter 6, table 62.

See general note for series K 502-563.

K 544-549. Sugar beets and peanuts acreage, production, and price, 1909-1970.

Source: U.S. Department of Agriculture, Statistical Reporting Service, *Agricultural Statistics, 1952, 1957, 1962, 1972, and 1973* editions.

See general note for series K 502-563.

K 550-552. Hay acreage, production, and price, 1839-1970.

Source: See source for series K 502-504.

Census data are comparable to annual estimates in the series in which they are included. Figures for stocks of hay are published in U.S. Department of Agriculture, Statistical Reporting Service, *Crop Production*.

See also general note for series K 502-563.

K 553-558. Cotton and cottonseed acreage, production, price, and stocks, 1790-1970.

Source: Series K 553, see source for series K 502-504. Series K 554, 1790-1865, U.S. Department of Agriculture, Bureau of Statistics, Circular 32, August 1912; 1866-1970, see source for series K 502-504. Series K 555 and series K 557, see source for series K 502-504. Series K 556, 1906-1970, U.S. Department of Agriculture, Statistical Reporting Service, *Agricultural Statistics, 1941, 1952, 1956, 1957, 1967, and 1971* editions. Series K 558, 1909-1918, U.S. Department of Agriculture, Agricultural Marketing Service, Statistical Bulletin No. 164, June 1955 (processed); 1919-1970, *Agricultural Statistics, 1957, 1962, and 1972*.

Cotton production estimates are defined by statute as cotton actually ginned. For 1913-1924, annual ginnings as published by the Bureau of the Census included some cotton produced in lower California and Mexico and ginned in California; however, it is not included in U.S. production for those years. For those years, also, cotton ginned in the United States exceeds production by the quantity of the cross-border movement of seed cotton into this country. For all other years, beginning in 1899, production of cotton is the quantity of census ginnings by States adjusted for cross-State movement of seed cotton and rounded to thousands of bales. U.S. production is obtained by adding rounded State estimates and therefore differs slightly from the Census Bureau report on ginnings.

Before 1899, production figures were compiled from various current sources including exports and imports, rail and water shipments, mill receipts, etc., together with the decennial enumerations of the Bureau of the Census. These production estimates are the same as those in Department of Agriculture, Bureau of Statistics, Circular 32, cited above, except for minor adjustments caused by rounding State estimates.

Figures for stocks, series K 556, are in running bales, except that any small quantity of foreign cotton which is included is in equivalent 500-pound gross-weight bales. Before 1914, stocks are as of September 1. Data for 1906-1922 are from the New York Cotton Exchange Service; those for 1923-1970 were compiled by the Bureau of the Census.

Cottonseed production, series K 557, for 1866-1927 was computed from net lint production using a uniform ratio of 65 pounds of cottonseed for each 35 pounds of net lint. Beginning in 1928, ratios were estimated from data collected from cotton ginners.

The season average prices from 1908 to 1970 for both cotton and cottonseed, series K 555 and series K 558, are the weighted averages of midmonth prices. Prior to 1909, cottonseed prices are not available; prior to 1908, cotton prices were based on farmers' estimates on December 1 of average prices for the season.

The crop-marketing season for both cotton and cottonseed begins August 1 for all States except Texas where it begins about mid-July.

See also general note for series K 502-563.

K 559-560. Shorn wool production and price, 1869-1970.

Source: U.S. Department of Agriculture, series K 559, 1869-1908, *Agriculture Yearbook, 1923*; series K 560, 1869-1908, *Gross Farm Income and Indices of Farm Production and Prices in the United States, 1869-1937*, Technical Bulletin No. 703, December 1940; series K 559-560, 1909-1939, *Livestock and Meat Statistics*, Statistical Bulletin No. 230, July 1958; 1940-1970, Statistical Reporting Service, *Agricultural Statistics, 1967 and 1972* editions.

The original source of data for 1869-1908 was the National Association of Wool Manufacturers. Estimates have been made by the Department of Agriculture since 1909. Wool production is estimated by ascertaining the number of sheep and lambs shorn and the average weight per fleece, and using data from the censuses of agriculture as periodic benchmarks. Extensive revision of production estimates back through 1909 were made in 1936. The figures for 1869-1908 are not comparable to these revised estimates. To illustrate the lack of comparability, the unrevised production estimate of 287 million pounds for 1909, published in the *Agriculture Yearbook* for 1923, may be compared with the revised estimate of 310 million pounds.

K 561-563. Tobacco acreage, production, and price, 1866-1970.

Source: See source for series K 502-504.

Consumer and Marketing Service publications also present estimates of stocks of tobacco, 1929-1970, and of acreage and production of tobacco, by types, 1919-1970.

See also general note for series K 502-563.

K 564-574. Livestock on farms and value per head, and number of workstock, 1867-1970.

Source: Annual data, U.S. Department of Agriculture, Statistical Reporting Service, *Agricultural Statistics*, 1957, 1962, 1967, and subsequent annual editions. Census years, U.S. Bureau of the Census, *U.S. Census of Agriculture: 1959*, vol. III, chapter 6; 1964, vol. II, chapter 2; and 1969, vol. II, chapter 5.

These estimates have been made by the Department of Agriculture since 1867. The early estimates were based on reports of the percentage change in numbers from the previous year by field agents and crop reporters. At 10-year intervals, the census of agriculture furnished the basic figures to which these percentage changes were applied. Beginning 1920, a national agriculture census has been taken every 5 years. Since 1920, the Department of Agriculture annual estimates are based primarily on survey returns from livestock producers who reported on the number of livestock, by classes, on their own farms about December 1 each year. Records of livestock assessed for taxation in the various States have furnished indications of the annual percentage change in numbers, and records of marketings and slaughter have been used both by States and for the United States as check information.

Data from the census of agriculture have been used as periodic benchmarks for the January 1 estimates but there are few census years when the Department of Agriculture estimates and the census data are in close agreement. One of the main reasons for these differences is that there are only a few times when the census was taken as of January 1. In years when the census relates to a different date, adjustments are made to determine a January 1 equivalent number. In the midthirties, the Department of Agriculture undertook a general revision of all estimates prior to 1920 to correct for irregularities in the early series and to utilize more fully the records of numbers assessed for taxation and other information not considered in preparing the original estimates.

Prior to 1920, crop reporters provided a single estimate of the value per head for a given species. Since 1920, the estimates are weighted averages based on values per head reported separately for the different age and sex classes of a given species, using as weights the estimated number in the respective class.

K 575, 578, 580. Live weight production of livestock, 1909-1970.

Source: U.S. Department of Agriculture, 1909-1923, Bureau of Agricultural Economics, *Meat Animals, Farm Production, and Income, 1924-1944*, September 1947; 1924-1970, Statistical Reporting Service, *Agricultural Statistics*, 1952, 1957, 1962, 1967, and 1971 editions.

Production in live weight relates to the total poundage produced on farms and ranches during a calendar year. The estimate of production is derived by determining for each State a balance sheet

which shows, as debit items, the inventory at the beginning of the year, the births, and inshipments; and, as credit items, the marketings, farm slaughter, death losses, and numbers on hand at the end of the year. Estimates of average live weight are based on reports from slaughterers, collected by the Department of Agriculture and in the census of manufactures, and on records obtained from stockyards. Reports have also been obtained from farmers on the average weight of livestock slaughtered on farms. The total live weight for beginning and end of year is obtained by multiplying estimates of the different age and sex classes for a species by an estimate of their respective average live weight. Live weight of marketings, farm slaughter, and inshipments is determined by multiplying the estimate for these items by the respective average live weight. To obtain production, the total weight of inshipments is subtracted from the combined weight of marketings and farm slaughter. Then the difference in the inventory weight between the beginning and end of year is added or subtracted as the case might be.

K 576, 577, 579, 581, 582. Annual average price received by farmers, per hundred pounds of livestock, 1909-1970.

Source: 1909-1923, U.S. Department of Agriculture, Agricultural Marketing Service, *Prices Received by Farmers, 1908-1955*, Statistical Bulletin No. 180, June 1956; 1924-1970, see source for series K 575, 578, 580.

Price information is obtained from voluntary price reporters who furnish average local market prices each month. The estimates of monthly prices are weighted by monthly estimates of marketings to obtain the annual average. The monthly marketings are based on reports from stockyards and packers on monthly receipts of livestock by State of origin.

K 583-594. Meat slaughtering, production, and price, 1899-1970.

Source: U.S. Department of Agriculture, 1899-1939, Production and Marketing Administration, *Livestock Market News, Statistics and Related Data*, 1946, September 1947; 1940-1970, Economic Research Service, *Livestock and Meat Statistics*, annual issues, and Statistical Reporting Service, *Agricultural Statistics*, annual issues.

Figures for slaughter include federally inspected slaughter and estimates of all other slaughter (other commercial slaughter and farm slaughter). Before 1944, this information was obtained largely on an annual basis from various sources; but, beginning in 1944, information was collected by months, first under the slaughter control program of the War Food Administration, and later under the slaughter and meat control programs of Office of Price Administration. Current data on federally inspected slaughter, which includes animals condemned as unfit for human food, are compiled by the Consumer and Marketing Service in connection with its regulatory functions on meat inspection. The number of animals slaughtered in other commercial channels is estimated by the Statistical Reporting Service from monthly reports made by slaughterers who are not under Federal inspection. Estimates of farm slaughter are based on annual voluntary reports from livestock producers with periodic data from the census of agriculture as benchmarks. Production of the different kinds of meat are computed from estimated average live weights and dressing yields and, except for pork, is shown on a carcass weight basis. Pork production represents carcass weight excluding the raw fat rendered into lard.

The data on production under Federal inspection are based on records of production and yields reported monthly by slaughterers operating under Federal inspection. Monthly estimates of production under Federal inspection are not available prior to 1921. Reports of the biennial census of manufactures on slaughter were used as a basis for annual production estimates for years for which they are available. In other years, the estimates were based on information obtained from market records and other sources. Currently, information on weights and yields for other commercial slaughter is

based on monthly reports from commercial slaughterers who are not under Federal inspection.

Prices of the different species of livestock at Chicago for the early years are from records published in the *Drovers Journal Yearbook*. Beginning in 1922, the price of beef steers at Chicago is based on records of all steers sold out of first hands for slaughter. The number of head, live weight, and total value of steers, by grades, are compiled by weeks. The annual prices represent the weighted average of all grades of steers sold during the year for slaughter. Since 1919, the average price for veal calves is based on the average of daily quotations. The average price of hogs at Chicago has been obtained from different sources; since 1920, it is the weighted average of packer and shipper purchases at the Chicago market. Since 1921, the price of lambs at Chicago represents an average computed from the bulk of sales price data.

K 595-608. General note.

Early development of the dairy industry in the United States is indicated by export statistics of 1790 which showed the New England States, New York, and Pennsylvania producing considerable amounts of butter and cheese in excess of their consumption requirements. The growth and spread of the industry between that time and 1849, when statistics on dairying were first available through the national census of agriculture, are described in the *Agriculture Yearbook*, 1922, pp. 297-306. At the middle of the 19th century, milk cows were rather generally distributed over the eastern half of the United States as far west as southern Wisconsin, eastern Iowa, western Missouri and Arkansas, and the eastern third of Texas. By 1860, there were appreciable numbers of milk cows in the Pacific Coast States. In later years, they gradually spread over the intervening territory.

Dairy products sold by farmers in the early period were limited mainly to whole milk, farm-made butter, and farm-made cheese. Prior to 1850, these products were produced mainly on farms. The 1850 Census showed the bulk of cheese production for 1849 coming from farms in the area extending from northeastern Ohio eastward through New York and New England. Factory cheese production was in an experimental stage shortly before 1850, and made considerable progress during the next two decades. Although some butter was made in early cheese plants, the first commercial creamery was not established until 1861. Since that time, factories have largely supplanted farms in the production of both cheese and butter.

The first condensery was established in 1856, but little interest was given the product until the Civil War. Unsweetened condensed milk was first produced in 1885; the canned unsweetened product (evaporated milk) now makes up about nine-tenths of all evaporated and condensed whole milk. Ice cream was produced and sold by some retail stores in the first half of the 19th century, and wholesale plant distribution to dealers began about the middle of the century.

K 595-596. Cows and heifers kept for milk, 1850-1970.

Source: U.S. Department of Agriculture, Statistical Reporting Service, *Agricultural Statistics*, 1967 and 1972 editions. Census years, U.S. Bureau of the Census, 1850-1920, Sixteenth Census Reports, *Agriculture*, vol. III, pp. 606-607; 1925-1945, *Census of Agriculture*, 1945, vol. II, p. 381; 1950-1954, *U.S. Census of Agriculture: 1954*, vol. II, p. 440; 1959-1964, *U.S. Census of Agriculture: 1964*, vol. II, p. 58; 1969, *U.S. Census of Agriculture: 1969*, vol. II, chapter 5, p. 146.

The estimates are based on interpretation of data from the census of agriculture, tax assessors, and other State agencies, together with the analysis of changes taking place in herds kept by a large sample of livestock reporters. With respect to the data on milk cow numbers obtained in the censuses of agriculture, the wording of the census questions has not necessarily been comparable with the definitions represented by the annual estimates and has varied somewhat from one census enumeration to another.

K 597. Milk production on farms, 1889-1970.

Source: 1889-1919, U.S. Bureau of the Census, various census of agriculture reports. U.S. Department of Agriculture, 1924-1944, Agricultural Marketing Service, *Milk-Farm Production, Disposition, and Income*, Statistical Bulletin No. 175, April 1956; 1945-1970, Statistical Reporting Service, *Agricultural Statistics*, 1967 and 1972 editions.

Beginning in 1924, the figures represent calendar-year estimates. The estimates are based on interpretations of census data, analysis of annual and monthly survey data on milk cows and milk production, and checks against information on milk utilization obtained from dairy plants and other sources. For 1919 and earlier years, the data are based on censuses of agriculture and converted from gallons to pounds by use of a conversion factor of 8.6 pounds per gallon. For 1889, the census totals are the reported figures. For 1899, they include estimates for incomplete reports; and for 1909 and 1919, they include estimates of production on farms that reported milk cows but failed to report milk produced. The 1889 and 1899 data were enumerated as of the following June, the 1909 data as of April 15, 1910, and the 1919 data as of January 1, 1920.

K 598-601. Production of dairy products, 1849-1970.

Source: 1849-1916, E. E. Vial, *Production and Consumption of Manufactured Dairy Products*, U.S. Department of Agriculture, Technical Bulletin No. 722, April 1940. U.S. Department of Agriculture, Agricultural Marketing Service, 1917-1939, *Revisions in the Production of Creamery Butter, Cheese, and Ice Cream by States, 1916-1939*, and *Production and Utilization of Milk, United States, 1924-1952*; 1940-1949, *Production of Manufactured Dairy Products (except for series K 601, 1940-1949, Revisions of Ice Cream and Ice Milk Data, by States, 1940-1949)*; 1950-1970, *Agricultural Statistics*, 1964, and subsequent annual issues except series K 598, 1970, unpublished data.

For 1940-1970, data are from the annual survey of output of dairy plants. For 1916-1939, data were based on the annual survey of dairy plants supplemented by estimates for incompleteness in some States based on data from the census of manufactures or from State sources. For the years prior to 1916 or 1917, the level of the figures was based mainly on the Census Bureau's survey of the output of dairy plants with interpolations for intervening years for some products (see E. E. Vial, cited above).

Butter production data represent farm and factory production combined. Factory butter figures for 1917-1970 are for production of creamery butter and include some estimates for incompleteness. Figures for factory production for 1849, 1859, 1869, 1879, 1899, 1904, 1909, and 1914 are from the census of manufactures. The 1889 census data were revised upward to allow for incompleteness. Annual figures on factory butter production for the intercensal years were interpolated on the basis of receipts of butter at major central markets for 1879-1919 and on factory production for 1917-1970.

Cheese production figures include both farm and factory cheese production prior to 1927. Since 1926, farm cheese was negligible and is excluded. For 1909-1917, cheese figures exclude full-skim American. For 1918-1970, data are from plant reports of all types of cheese manufactured except cottage, pot, and bakers' cheese and full-skim American. For 1849, 1859, 1869, 1879, 1889, and 1909 the figures for total cheese production are from the decennial censuses. The census data for 1889 were revised upward to allow for incompleteness. Estimates for the intercensal years 1869-1899 were interpolated on the basis of market receipts. Data on factory production of cheese for 1904 and 1914 are from the census of manufactures; data for the intercensal years 1869-1919 were interpolated on the basis of market receipts. Production of farm cheese for the intercensal years 1899-1926 was roughly projected on the basis of average change between census years and added to the factory product to obtain total cheese figures.

Evaporated and condensed milk production includes evaporated whole milk, bulk unsweetened condensed whole milk, and case and

bulk sweetened condensed whole milk. Production figures for 1879, 1899, 1904, 1909, and 1914 are census totals for all condensed and evaporated milk. For 1889, the census data were revised upward to allow for incompleteness. Data for 1869 are estimated; those for the noncensus years before 1919 represent an estimated trend of production based on intervening census data.

Ice cream production figures for 1916-1970 are based on the annual survey of dairy manufacturing plants supplemented by estimates for incompleteness in some States based on data from the census of manufactures or State sources. For 1914, data were estimated from the census of manufactures. For 1909 and earlier years, the data represent merely an estimated trend of production.

K 602. Milk equivalent of manufactured dairy products, 1849-1970.

Source: See source for series K 598-601, except 1970, unpublished data.

For 1849-1923, the figures are based on national production of manufactured dairy products converted to milk equivalent on the basis of somewhat less refined conversion factors than those used for later years. As such they include no allowance for shifts in production between States or areas of high- or low-testing milk, and they assume standard butterfat content of the products for all years.

For 1930-1970, data were based on information of products made in each State and State conversion factors for each product. Duplication of milk usage involving the production of butter from whey fat recovered from cheese making and the use of butter and condensed milk in the production of ice cream were eliminated.

K 603-606. Dairy products—prices received by farmers, 1909-1970.

Source: U.S. Department of Agriculture. 1909-1944, Agricultural Marketing Service, *Prices Received by Farmers*, Statistical Bulletin No. 180, June 1956; 1945-1970, Statistical Reporting Service, *Agricultural Statistics*, 1967 and 1972 issues.

Prices received by farmers for milkfat in cream, wholesale milk, and retail milk are estimates based on averages of survey data reported by dealers and farmers for their local market areas. Prices of milkfat in cream, series K 604, represent the butterfat in farm-skimmed cream sold by farmers; survey information was not collected prior to 1920, and estimates were extrapolated on the basis of trends in butter prices.

Wholesale milk prices, series K 605, are for milk sold by farmers to plants and dealers including such establishments as cheese factories, condenseries, creameries, or market milk plants. Prior to 1923, these prices were asked on a per-gallon basis and since that time on a per-100-pounds basis. Additional historic information on wholesale milk-price series was collected by direct plant contacts during the middle 1930's when the State estimates were revised.

Retail milk prices, series K 606, represent the milk retailed by farmers directly to consumers. Before 1923, survey information was collected on a price per-gallon rather than per-quart basis. Some of the increase in price between 1909 and 1945 probably represents additional services rendered in process of distributing the milk.

K 607-608. Cheese and butter—wholesale prices, 1830-1970.

Source: U.S. Department of Agriculture, Consumer and Marketing Service, unpublished data and Statistical Reporting Service, *Agricultural Statistics*, annual editions.

The wholesale prices of cheese represent averages of weekly quotations prior to 1950 on American twins and thereafter on cheddar cheese only, on the Wisconsin cheese exchange at Plymouth. The wholesale price of butter is for the New York City market. Since 1830, the data for butter differ somewhat in definition and source (see tabular footnote).

K 609-623. Poultry and eggs—number, production, and price, 1909-1970.

Source: U.S. Department of Agriculture, Statistical Reporting Service, *Agricultural Statistics*, 1957, 1962, 1967, 1971, 1972, and 1973 editions, except series K 611-613, 1909-1929, and series K 617-618, 1909-1919, Bureau of Agricultural Economics, *Farm Production, Disposition, and Income From Chickens and Eggs*, Statistical Bulletin No. 133, July 1953. Census years, for chickens: 1910, U.S. Bureau of the Census, *U.S. Census of Agriculture, 1940*, Special Poultry Report, p. 4, and 1945, vol. II, p. 407; 1920-1964, *U.S. Census of Agriculture: 1964*, vol. II, chapter 2, table 5; 1969, *U.S. Census of Agriculture: 1969*, vol. II, chapter 5, table 20. Census data for turkeys: *U.S. Census of Agriculture, 1954*, vol. II, p. 556.

In census data, age limitations for chickens and turkeys are: 3 months old and over for the 1910, 1930, 1935, and 1969 censuses; no age limitation for the 1920 and 1925 censuses; and 4 months old and over for the 1940, 1945, 1950, 1954, 1959, and 1964 censuses. Broilers are young chickens of the heavy breeds and other meat-type birds, to be marketed at 2-5 pounds live weight, and from which no pullets are kept for egg production. These data are not included in farm production of chickens.

The estimates are believed to indicate, within reasonable limits of accuracy, the actual number of farm chickens and turkeys; the production of chickens, turkeys, and eggs; and, with greater accuracy, the direction and extent of the changes from year to year.

Complete surveys of the hatchery industry are made every year in all States. Monthly estimates of the production of baby chicks, based on returns from about 70 percent of total hatchery capacity, are also made. These figures of hatchery output give a dependable check on the actual level of chicken production.

Estimates of inventory numbers of chickens on farms January 1, series K 609, are based primarily upon census enumerations. Enumerations for 1910-1955 were adjusted for changes between January 1 and the average date of enumeration in each State, and cover only farm flocks as defined by the Census Bureau. Estimates of change in numbers from year to year through 1967 were based on annual surveys made in December of each year, covering about 150,000 livestock farms, and on changes in flocks belonging to about 30,000 crop reporters, plus assessor and State farm census data where available. Since 1967, estimates of change in numbers from year to year are based on annual surveys in December of each year covering about 40,000 flock owners (contractors and independents) which account for nearly half of all birds in the country.

Although census enumerations of chickens on farms were made in 1880, 1890, and 1900, the Department of Agriculture did not make annual estimates until 1909 because data showing annual changes were not available.

Estimates of inventory numbers of turkeys on farms January 1, series K 619, are based primarily upon the census enumerations of turkeys on farms January 1, 1935, and April 1, 1940, adjusted for changes in numbers between January 1 and the date of enumeration. Turkeys on farms were not reported in the 1945 census. The number on January 1, 1945, was estimated from the relationship between turkeys raised in 1944 and the number on hand January 1, 1945, as reported by crop and livestock reporters, using as a base the revised estimates of turkeys raised in 1944 based on the census enumeration. Annual changes in the estimates for intervening years are based mainly on the numbers on hand as reported on January 1 by crop and livestock reporters. Estimates of turkeys raised from 1954-1970 are based on poultry placement data secured from hatcheries. In recent years coverage has been virtually complete. Although census enumerations of turkeys on farms were made in 1890, 1900, 1910, and 1920, the Department of Agriculture did not make annual estimates for years prior to 1929 because data showing annual changes were not available.

Chickens, series K 611, and turkeys, series K 621, produced on farms are computed from the number raised during the year, minus the death loss of chickens and of turkeys that were on hand at the

Series K 496-501. Acreages of Harvested Crops, by Use, and Indexes of Cropland Used for Crops and Crop Production Per Acre: 1910 to 1970

[Excludes Alaska and Hawaii]

Year	Acreages of harvested crops, by use (million acres)				Index (1967 = 100)		Year	Acreages of harvested crops, by use (million acres)				Index (1967 = 100)	
	Total	Export products	Feed for horses and mules	Products for domestic use	Cropland used for crops	Crop production per acre		Total	Export products	Feed for horses and mules	Products for domestic use	Cropland used for crops	Crop production per acre
	496	497	498	499	500	501		496	497	498	499	500	501
1970	297	72		225	98	102	1940	341	8	43	290	107	62
1969	294	61		233	97	107	1939	331	23	45	263	106	60
1968	303	54		249	99	104	1938	349	22	48	279	108	59
1967	308	69		239	100	100	1937	347	29	52	266	110	62
1966	295	69		226	96	99	1936	323	18	54	251	109	45
1965	298	76		222	98	100	1935	345	20	56	269	110	54
1964	301	74		227	98	95	1934	304	20	57	227	109	41
1963	300	77		223	97	97	1933	340	28	59	253	110	49
1962	295	66		229	97	95	1932	371	35	60	276	112	55
1961	303	67	4	232	99	92	1931	365	36	62	267	112	68
1960	324	64	5	255	104	88	1930	369	39	65	265	111	62
1959	324	61	6	257	104	86	1929	365	44	67	254	110	56
1958	324	44	7	273	103	86	1928	361	49	70	242	110	68
1957	324	48	8	268	104	77	1927	358	49	73	236	109	56
1956	324	60	9	255	107	77	1926	359	54	76	229	108	57
1955	340	47	10	283	110	74	1925	360	44	78	238	108	56
1954	346	37	11	298	111	71	1924	355	53	81	221	106	55
1953	343	31	13	304	111	73	1923	354	47	84	223	106	56
1952	349	36	15	298	111	73	1922	355	50	86	219	106	56
1951	344	59	18	267	111	69	1921	359	66	87	206	107	51
1950	345	50	19	276	110	69	1920	360	60	90	210	107	60
1949	360	45	22	293	113	70	1919	364	56	91	217	109	54
1948	356	52	24	280	110	75	1918	362	62	92	208	108	54
1947	355	42	26	287	109	67	1917	349	44	92	213	104	56
1946	352	45	29	278	108	70	1916	340	53	92	195	101	54
1945	354	42	32	280	108	68	1915	340	49	93	198	101	60
1944	362	25	36	301	110	68	1914	334	57	92	185	100	68
1943	357	21	37	299	110	64	1913	333	43	92	198	99	53
1942	348	13	39	296	108	70	1912	329	42	91	196	98	62
1941	344	12	40	292	107	64	1911	330	40	90	200	98	54
							1910	325	37	88	200	96	55

Series K 502-516. Corn, Wheat, Oats, and Barley—Acreage, Production, Price, and Stocks: 1839 to 1970

[Census figures in italics]

Year	Corn for all purposes				All wheat for grain				Wheat in all off-farm positions, July 1	Oats for grain			Barley for grain		
	Acreage harvested	Production	Price per bushel ¹	Stocks on farms, Oct. 1	Acreage harvested	Production	Price per bushel ¹	Stocks on farms, July 1		Acreage harvested	Production	Price per bushel ¹	Acreage harvested	Production	Price per bushel ¹
	502	503	504	505	506	507	508	509		510	511	512	513	514	515
	<i>1,000 acres</i>	<i>Million bushels</i>	<i>Dollars</i>	<i>Million bushels</i>	<i>1,000 acres</i>	<i>Million bushels</i>	<i>Dollars</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>1,000 acres</i>	<i>Million bushels</i>	<i>Dollars</i>	<i>1,000 acres</i>	<i>Million bushels</i>	<i>Dollars</i>
1970	66,222	2,409	1.33	569.4	44,141	1,370	1.33	306.9	577.8	18,524	909	0.62	9,628	410	0.96
1969	60,408	2,357			45,373	1,323	1.34			16,554	880	.58	8,985	394	.88
1968	63,360	2,453	1.16	728.2	47,577	1,460	1.24	327.8	490.7	17,930	950	.59	9,531	424	.87
1967	64,603	2,493	1.08	781.8	55,262	1,576	1.24	230.4	309.0	17,533	939	.60	9,709	423	.81
1966	69,973	2,476	1.03	569.2	58,771	1,522	1.39	145.5	279.5	16,017	789	.66	9,177	373	1.00
1965	65,828	2,417	1.24	529.7	49,867	1,312	1.63	130.8	404.4	17,861	801	.67	10,205	393	1.05
1964	64,565	2,404	1.16	581.4	49,560	1,316	1.35	132.5	684.7	18,479	927	.62	9,144	392	1.02
1963	63,515	2,361	1.16		47,953	1,218	1.37			18,336	808	.63	9,805	362	.93
1962	65,388	2,434	1.17	631.1	49,762	1,239	1.37	75.7	625.7	19,759	852	.63	10,277	385	.93
1961	68,317	2,409	1.11	533.8	45,506	1,147	1.85	95.5	1,099.7	21,308	966	.62	11,236	393	.90
1960	64,474	2,366	1.12	578.3	43,688	1,092	2.04	102.4	1,219.6	22,377	1,012	.62	12,214	428	.92
1959	65,405	2,358	1.10	588.1	51,571	1,232	1.83	137.1	1,274.2	23,886	1,010	.64	12,806	392	.98
1958	80,678	4,314	1.00	452.0	51,879	1,355	1.74	95.9	1,217.6	26,588	1,153	.60	13,856	429	.84
1957	79,616	3,697	1.05		49,567	1,056	1.77			26,573	1,001	.64	14,199	398	.86
1956	81,902	4,197	1.05	325.0	51,716	1,118	1.76	114.9	1,180.2	27,758	1,050	.65	14,869	420	.86
1955	72,224	3,725	1.12	343.0	53,047	1,457	1.75	51.2	830.2	31,247	1,401	.58	14,791	477	.90
1954	71,864	3,400	1.11	418.9	43,754	956	1.93	59.9	848.9	34,065	1,290	.61	14,872	443	.89
1953	75,247	3,445	1.29	299.3	49,768	1,005	1.97	67.3	966.2	33,333	1,151	.69	12,852	377	.99
1952	79,367	3,220	1.35	313.8	47,290	935	2.18			39,027	1,496	.60	14,523	403	.92
1951	78,122	2,613	1.44		51,362	909	2.12	40.6	995.5	37,921	1,314	.71	12,556	355	1.08
1950	80,186	3,058	1.43	359.4	54,356	984	2.04			37,596	1,410	.71	13,370	379	1.09
1949	80,469	3,210	1.48	330.0	67,840	1,173	2.04			37,536	1,153	.74	8,680	247	1.17
1948	80,940	3,292	1.52	172.0	71,130	1,306	2.09			37,012	1,217	.79	8,236	228	1.37
1947	80,729	2,926	1.66	313.1	61,873	988	2.11	76.3	323.6	35,233	1,278	.82	9,424	257	1.26

See footnotes at end of table.

CROPS AND LIVESTOCK

K 502-516

Series K 502-516. Corn, Wheat, Oats, and Barley—Acreage, Production, Price, and Stocks: 1839 to 1970—Con.

[Census figures in *italics*]

Year	Corn for all purposes				All wheat for grain				Wheat in all off-farm positions, July 1	Oats for grain			Barley for grain		
	Acreage harvested	Production	Price per bushel ¹	Stocks on farms, Oct. 1	Acreage harvested	Production	Price per bushel ¹	Stocks on farms, July 1		Acreage harvested	Production	Price per bushel ¹	Acreage harvested	Production	Price per bushel ¹
	502	503	504	505	506	507	508	509		510	511	512	513	514	515
	<i>1,000 acres</i>	<i>Million bushels</i>	<i>Dollars</i>	<i>Million bushels</i>	<i>1,000 acres</i>	<i>Million bushels</i>	<i>Dollars</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>1,000 acres</i>	<i>Million bushels</i>	<i>Dollars</i>	<i>1,000 acres</i>	<i>Million bushels</i>	<i>Dollars</i>
1950	81,818	3,075	1.52	470.1	61,607	1,019	2.00	65.9	358.9	39,306	1,869	0.79	11,155	304	1.19
1949	83,337	3,078	1.24	470.1	71,163	1,007	1.86	65.9	358.9	35,344	1,137	.65	9,180	221	1.05
1948	85,595	3,238	1.24	696.1	75,910	1,098	1.88	66.5	240.8	37,794	1,220	.66	9,372	237	1.06
1947	84,778	3,605	1.23	112.1	72,418	1,295	1.99	94.5	101.5	39,230	1,459	.72	11,905	316	1.16
1946	82,888	2,355	2.18	251.6	74,519	1,383	2.29	40.5	43.3	37,855	1,176	1.05	10,995	282	1.79
1945	87,585	3,217	1.53	151.9	67,105	1,152	1.90	41.6	58.5	42,812	1,478	.81	10,380	265	1.38
1944	87,625	2,869	1.23	293.4	65,167	1,108	1.49	87.7	191.5	41,739	1,524	.67	10,454	267	1.01
1943	92,299	2,778	1.08	58,286	58,286	1,033	1.41	103.6	212.9	35,425	1,041	.69	11,694	261	1.00
1942	94,014	3,088	1.03	202.7	59,749	1,060	1.41	103.6	212.9	39,741	1,149	.71	12,301	276	1.01
1941	92,060	2,966	1.12	355.2	51,355	844	1.36	189.6	429.3	38,914	1,140	.72	14,900	323	.99
1940	87,367	3,069	.92	422.0	49,773	969	1.10	162.7	468.1	38,197	1,343	.49	16,958	429	.63
1939	85,357	2,652	.75	473.5	55,935	942	.94	86.7	298.1	38,161	1,183	.41	14,276	363	.53
1938	86,429	2,457	.62	541.4	53,273	815	.63	79.6	200.1	35,431	1,246	.30	13,525	311	.40
1937	86,991	2,311	.56	50,527	50,527	709	.69	88.0	162.0	29,934	870	.31	12,025	261	.41
1936	88,279	2,581	.57	553.8	52,669	741	.69	88.0	162.0	33,460	958	.31	12,738	278	.41
1935	92,160	2,549	.49	351.5	69,197	920	.56	58.9	94.3	36,042	1,089	.24	10,610	237	.37
1934	93,930	2,643	1.52	60.0	64,169	874	.96	22.0	61.2	35,542	1,177	.80	9,969	222	.54
1933	93,154	1,506	1.04	171.6	49,125	630	1.02	43.1	97.3	33,654	793	.45	8,329	148	.78
1932	95,974	2,299	.66	61.4	51,305	628	.83	44.1	101.8	40,109	1,210	.26	12,436	289	.38
1931	87,476	2,169	.82	41,943	41,943	513	.86	61.1	211.8	24,589	458	.47	6,193	110	.67
1930	92,193	1,449	.82	274.0	43,347	526	.85	61.1	211.8	29,455	544	.48	6,577	117	.69
1929	105,918	2,398	.52	326.8	49,424	552	.74	82.7	295.1	36,528	736	.34	9,641	153	.43
1928	110,577	2,930	.32	251.7	57,851	756	.38	93.6	281.7	41,700	1,254	.16	13,206	299	.22
1927	106,866	2,576	.32	162.6	57,704	942	.39	37.1	275.4	40,193	1,124	.21	11,181	200	.38
1926	101,465	2,080	.60	134.4	62,637	887	.67	62.5	228.7	39,847	1,274	.32	12,629	302	.41
1925	97,742	2,131	.77	62,000	62,000	801	1.05	183.3	183.3	33,466	998	.47	12,891	264	.53
1924	97,805	2,516	.80	142.4	63,392	824	1.04	43.6	183.3	38,153	1,112	.42	13,564	281	.54
1923	100,336	2,666	.84	87.2	59,226	914	1.00	20.0	92.3	40,128	1,312	.41	12,735	328	.57
1922	98,357	2,616	.85	192.5	59,628	875	1.19	26.6	82.9	40,350	1,093	.47	9,465	239	.69
1921	99,452	2,547	.74	262.1	56,616	832	1.22	23.7	73.2	42,854	1,152	.40	7,917	166	.58

Year	Corn for all purposes			All wheat for grain			Oats for grain			Barley for grain		
	Acreage harvested	Production	Price per bushel ¹	Acreage harvested	Production	Price per bushel ¹	Acreage harvested	Production	Price per bushel ¹	Acreage harvested	Production	Price per bushel ¹
	502	503	504	506	507	508	511	512	513	514	515	516
	<i>1,000 acres</i>	<i>Million bushels</i>	<i>Dollars</i>	<i>1,000 acres</i>	<i>Million bushels</i>	<i>Dollars</i>	<i>1,000 acres</i>	<i>Million bushels</i>	<i>Dollars</i>	<i>1,000 acres</i>	<i>Million bushels</i>	<i>Dollars</i>
1925	101,331	2,798	0.70	52,443	669	1.44	44,240	1,405	0.39	8,186	192	0.61
1924	98,402	2,824	1.02	50,502	802	1.30	47,652	1,205	.17	8,787	159	.77
1923	100,420	2,223	1.06	52,463	842	1.25	41,357	1,416	.48	7,038	165	.74
1922	101,123	2,875	.81	56,920	759	.93	40,245	1,227	.41	7,151	159	.55
1921	100,345	2,707	.73	61,397	847	.97	40,324	1,148	.37	6,601	153	.50
1920	103,155	2,928	.52	64,566	819	1.03	45,539	1,045	.32	7,074	133	.48
1919	101,359	3,071	.64	62,358	843	1.83	42,732	1,444	.54	7,439	171	.84
1918	97,778	2,346	1.50	73,099	945	2.19	37,991	1,055	.81	6,473	122	1.31
1917	98,145	2,679	1.51	73,700	952	2.16	39,601	1,107	.77	6,579	131	1.24
1916	102,195	2,441	1.52	61,068	904	2.05	42,464	1,429	.69	9,198	225	.95
1915	110,893	2,908	1.46	46,737	620	2.05	41,604	1,443	.70	8,453	182	1.23
1914	100,561	2,425	1.14	53,510	635	1.43	39,098	1,139	.49	7,623	159	.80
1913	100,623	2,829	.68	60,303	1,009	.96	38,802	1,435	.38	7,279	207	.52
1912	97,796	2,524	.71	55,613	897	.98	37,213	1,066	.44	7,653	178	.54
1911	100,206	2,278	.70	52,012	751	.79	37,245	1,039	.39	7,673	159	.53
1910	101,451	2,948	.55	48,413	730	.81	37,244	1,353	.34	7,342	197	.51
1909	101,393	2,475	.68	49,894	618	.87	37,149	886	.45	7,613	145	.83
1908	102,267	2,853	.52	45,793	625	.91	36,844	1,106	.36	7,546	142	.61
1907	98,386	2,552	.56	44,263	633	.88	35,350	1,007	.47	7,699	173	.53
1906	100,200	2,611	.62	44,262	634	.99	35,062	1,014	.43	7,697	173	.56
1905	95,285	2,567	.65	45,102	643	.97	34,310	829	.49	7,409	171	.57
1904	96,094	2,614	.51	44,139	629	.87	34,439	801	.44	6,854	151	.67
1903	95,624	3,033	.39	46,230	741	.66	33,688	1,023	.32	6,744	179	.42
1902	95,746	2,954	.41	46,306	706	.75	33,426	1,104	.29	6,658	172	.39
1901	95,228	2,687	.44	43,155	556	.93	32,749	1,012	.31	6,579	166	.41
1900	93,555	2,515	.42	48,466	663	.69	32,187	885	.34	6,231	149	.45
1900	97,177	2,774	.40	46,244	687	.63	31,358	1,077	.31	5,474	146	.45
1900	94,422	1,716	.60	50,847	763	.63	30,891	800	.40	4,963	124	.45

See footnotes at end of table.

Series K 502-516. Corn, Wheat, Oats, and Barley—Acreage, Production, Price, and Stocks: 1839 to 1970—Con.

[Census figures in italics]

Year	Corn for all purposes			All wheat for grain			Oats for grain			Barley for grain		
	Acreage harvested	Production	Price per bushel ¹	Acreage harvested	Production	Price per bushel ¹	Acreage harvested	Production	Price per bushel ¹	Acreage harvested	Production	Price per bushel ¹
	502	503	504	506	507	508	511	512	513	514	515	516
	<i>1,000 acres</i>	<i>Million bushels</i>	<i>Dollars</i>	<i>1,000 acres</i>	<i>Million bushels</i>	<i>Dollars</i>	<i>1,000 acres</i>	<i>Million bushels</i>	<i>Dollars</i>	<i>1,000 acres</i>	<i>Million bushels</i>	<i>Dollars</i>
1900	94,852	2,662	0.35	49,203	599	0.62	31,049	945	0.25	4,703	97	0.41
1899	<i>94,917</i>	<i>2,666</i>	<i>.31</i>	<i>52,589</i>	<i>659</i>	<i>.56</i>	<i>29,510</i>	<i>943</i>	<i>.23</i>	<i>4,470</i>	<i>120</i>	<i>.35</i>
1899	94,591	2,646	.30	52,342	655	.59	29,254	937	.26	4,472	118	.39
1898	87,784	2,351	.29	50,506	768	.38	29,327	842	.25	4,113	98	.39
1897	89,965	2,288	.26	43,413	606	.81	28,829	830	.21	4,120	103	.34
1896	89,074	2,671	.21	40,323	523	.72	30,248	775	.18	4,131	97	.30
1895	90,479	2,535	.25	38,998	542	.51	30,905	925	.19	4,185	104	.33
1894	80,069	1,615	.45	40,167	542	.49	29,556	750	.32	3,639	74	.44
1893	79,892	1,900	.36	40,790	506	.53	29,266	707	.29	3,689	87	.40
1892	76,914	1,897	.39	42,979	612	.62	28,168	722	.32	3,857	95	.47
1891	78,855	2,336	.40	41,090	678	.83	27,756	837	.31	3,590	94	.52
1890	74,785	1,650	.50	36,686	449	.84	28,275	609	.42	3,250	70	.62
1889	<i>72,917</i>	<i>2,122</i>	-----	<i>33,580</i>	<i>468</i>	-----	<i>28,321</i>	<i>809</i>	-----	<i>3,221</i>	<i>78</i>	-----
1889	77,656	2,294	.28	36,098	504	.70	28,697	831	.22	3,352	81	.42
1888	77,474	2,251	.33	34,969	424	.93	27,807	773	.27	3,283	76	.59
1887	73,296	1,605	.43	36,373	491	.68	26,272	696	.30	3,258	72	.52
1886	73,911	1,733	.36	36,312	514	.69	24,426	682	.29	3,027	74	.58
1885	71,854	2,058	.32	35,095	400	.77	23,351	674	.28	2,862	64	.56
1884	68,834	1,948	.35	33,485	571	.65	21,974	641	.27	2,694	68	.48
1883	68,168	1,652	.42	35,587	439	.91	20,621	606	.32	2,474	57	.59
1882	66,157	1,755	.48	36,496	552	.89	19,075	540	.37	2,434	60	.63
1881	63,026	1,245	.63	36,795	406	1.20	16,916	446	.46	2,201	49	.82
1880	62,545	1,707	.39	33,096	502	.95	16,414	418	.35	1,990	45	.66
1879	<i>62,369</i>	<i>1,735</i>	-----	<i>35,430</i>	<i>459</i>	-----	<i>16,745</i>	<i>408</i>	-----	<i>1,993</i>	<i>44</i>	-----
1879	62,229	1,752	.36	35,347	459	1.11	15,955	415	.33	1,926	42	.60
1878	59,659	1,565	.31	33,379	449	.77	15,830	443	.24	1,848	37	.58
1877	58,799	1,516	.36	27,963	396	1.08	14,816	435	.29	1,962	39	.63
1876	55,277	1,478	.36	28,288	309	1.04	14,589	327	.35	1,973	41	.69
1875	52,446	1,450	.42	28,382	314	1.01	13,616	365	.37	1,702	33	.86
1874	47,640	1,059	.64	27,310	356	.95	12,775	273	.52	1,623	36	.96
1873	44,034	1,008	.48	24,866	322	1.17	12,010	307	.37	1,473	31	.96
1872	43,584	1,279	.38	22,962	271	1.24	11,789	327	.32	1,421	32	.74
1871	42,002	1,142	.46	22,330	272	1.25	11,061	306	.39	1,348	28	.77
1870	38,388	1,125	.52	20,945	254	1.04	10,348	268	.43	1,331	29	.85
1869	-----	781	-----	-----	238	-----	-----	232	-----	-----	30	-----
1869	35,833	782	.73	21,194	290	.92	9,555	284	.46	1,238	29	.87
1868	35,116	920	.62	19,140	246	1.46	8,897	230	.54	1,064	23	1.49
1867	32,116	794	.78	16,738	211	2.01	8,176	223	.59	1,058	24	1.22
1866	30,017	731	.66	15,408	170	2.06	7,935	232	.47	754	18	.95
1859	-----	<i>2,839</i>	-----	-----	<i>173</i>	-----	-----	<i>173</i>	-----	-----	<i>16</i>	-----
1849	-----	<i>2,592</i>	-----	-----	<i>100</i>	-----	-----	<i>147</i>	-----	-----	<i>5</i>	-----
1839	-----	<i>3,378</i>	-----	-----	<i>85</i>	-----	-----	<i>123</i>	-----	-----	<i>4</i>	-----

¹ December 1 price received by farmers prior to 1906; season average price thereafter.
² Corn harvested for grain only.

³ Not comparable with previous censuses; data for farms with farm product sales of \$2,500 or more.
⁴ Beginning 1959, census data include Alaska and Hawaii.

Series K 517-531. Flaxseed, Soybeans, Sorghum Grain, Rye, and Buckwheat—Acreage, Production, and Price: 1839 to 1970

[Census figures in italics]

Year	Flaxseed			Soybeans for beans			Sorghum grain			Rye for grain			Buckwheat		
	Acreage harvested	Production	Price per bushel ¹	Acreage harvested	Production	Price per bushel ¹	Acreage harvested	Production	Price per bushel ¹	Acreage harvested	Production	Price per bushel ¹	Acreage harvested	Production	Price per bushel ¹
	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531
	<i>1,000 acres</i>	<i>Million bushels</i>	<i>Dollars</i>	<i>1,000 acres</i>	<i>Million bushels</i>	<i>Dollars</i>	<i>1,000 acres</i>	<i>Million bushels</i>	<i>Dollars</i>	<i>1,000 acres</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 acres</i>	<i>1,000 bushels</i>	<i>Dollars</i>
1970	2,888	30.0	2.40	42,056	1,123.7	2.85	13,568	684	1.14	1,495	38,819	.986	-----	-----	-----
1969 ²	<i>2,490</i>	<i>32.0</i>	<i>2.63</i>	<i>38,550</i>	<i>1,041.5</i>	<i>2.35</i>	<i>13,437</i>	<i>730</i>	<i>1.07</i>	<i>1,115</i>	<i>25,703</i>	<i>1.00</i>	-----	-----	-----
1969	2,616	35.1	2.65	40,982	1,126.3	2.35	-----	-----	-----	1,346	31,583	1.00	38	630	1.00
1968	2,098	27.1	2.81	41,104	1,103.1	2.43	13,890	731	.949	1,014	23,365	1.02	-----	-----	2.43
1967	1,975	20.0	2.95	39,767	976.1	2.49	14,988	755	.992	1,071	24,154	1.07	-----	-----	2.75
1966	2,576	23.4	2.89	36,546	928.5	2.75	12,813	715	1.03	1,275	27,775	1.07	-----	-----	2.49
1965	2,775	35.4	2.80	34,449	845.6	2.54	13,029	673	1.00	1,469	33,223	.975	-----	-----	(NA)
1964	<i>2,651</i>	<i>21.7</i>	<i>2.81</i>	<i>29,344</i>	<i>669.7</i>	<i>2.66</i>	<i>11,742</i>	<i>490</i>	<i>1.05</i>	<i>1,640</i>	<i>30,916</i>	<i>1.04</i>	48	986	1.07
1964	2,825	24.4	2.82	30,793	700.9	2.62	11,168	463	-----	1,696	32,476	1.04	50	1,020	1.08
1963	3,172	31.0	2.76	28,615	699.2	2.51	13,326	585	-----	1,588	29,178	1.08	45	952	1.42
1962	2,808	32.2	2.83	27,608	669.2	2.34	11,571	510	1.02	1,981	40,698	.947	41	828	1.31
1961	2,514	22.2	3.26	27,003	678.6	2.28	10,985	480	1.01	1,543	27,336	1.01	46	864	1.15

See footnotes at end of table.

Series K 517-531. Flaxseed, Soybeans, Sorghum Grain, Rye, and Buckwheat—Acreage, Production, and Price: 1839 to 1970—Con.

(Concise figures in italics)

Year	Flaxseed			Soybeans for beans			Sorghum grain			Rye for grain			Buckwheat		
	Acreage harvested	Production	Price per bushel ¹	Acreage harvested	Production	Price per bushel ¹	Acreage harvested	Production	Price per bushel ¹	Acreage harvested	Production	Price per bushel ¹	Acreage harvested	Production	Price per bushel ¹
	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531
	1,000 acres	Million bushels	Dollars	1,000 acres	Million bushels	Dollars	1,000 acres	Million bushels	Dollars	1,000 acres	1,000 bushels	Dollars	1,000 acres	1,000 bushels	Dollars
1960	3,342	30.4	2.65	23,655	555.1	2.13	15,601	620	0.886	1,688	33,108	0.882	48	847	1.16
1959	2,848	19.6	3.04	22,080	515.6	1.97	15,406	555	1.858	1,392	21,809	1.02	56	923	1.03
1958	2,932	21.2	3.00	22,631	532.9	1.96	14,561	508	---	1,457	23,076	1.00	60	1,012	1.05
1957	3,679	37.4	2.59	23,993	589.3	2.00	16,524	581	---	1,194	33,132	1.02	86	1,533	1.02
1956	4,793	25.1	2.94	20,857	483.4	2.07	19,632	568	---	1,718	28,516	1.08	98	1,664	1.10
1955	5,473	47.0	2.99	20,620	449.3	2.18	9,209	205	1.15	1,624	21,288	1.16	100	1,832	1.19
1954	4,914	40.4	2.90	18,620	373.7	2.22	12,891	243	0.977	2,049	29,089	1.06	107	1,822	1.16
1953	5,179	35.5	3.04	16,444	324.1	2.52	11,718	236	1.26	1,450	21,844	1.22	128	2,277	0.97
1952	5,663	41.3	3.05	17,047	341.1	2.46	11,304	224	---	1,795	25,963	1.21	150	2,692	1.24
1951	4,570	37.7	3.64	14,829	269.2	2.72	6,295	116	1.32	1,430	18,894	1.29	178	3,199	0.897
1950	3,304	30.2	3.73	14,435	298.8	2.72	5,326	91	1.58	1,898	16,146	1.72	163	3,232	1.40
1949	3,904	34.7	3.72	13,615	283.8	2.73	8,544	163	1.32	1,722	21,517	1.52	199	3,296	1.39
1948	4,090	40.2	3.34	13,807	299.2	2.47	10,346	234	1.05	1,753	21,403	1.31	253	4,424	1.08
1947	4,813	43.0	3.60	10,148	212.4	2.12	6,602	143	1.13	1,418	16,563	1.22	236	4,318	0.94
1946	5,048	43.0	3.63	10,482	234.2	2.16	6,325	141	---	1,554	18,102	1.20	289	4,956	0.915
1945	4,973	54.8	5.71	10,682	227.2	2.27	7,317	131	1.28	2,053	25,886	1.43	330	6,085	1.08
1944	4,129	40.6	6.15	11,411	186.5	3.33	5,480	93	1.83	1,991	25,497	2.23	505	7,177	1.90
1943	2,432	22.6	4.03	9,932	203.4	2.57	6,669	106	1.40	1,597	18,487	1.92	383	6,812	1.46
1942	3,785	34.6	2.89	10,740	193.2	2.08	6,324	96	1.20	1,850	23,708	1.36	401	6,467	1.16
1941	2,477	20.8	2.91	10,245	187.7	2.07	9,336	185	0.914	2,033	21,349	1.09	---	---	---
1940	2,610	21.7	2.91	10,245	192.1	2.05	9,061	178	---	2,132	22,525	1.09	508	8,956	9.64
1939	5,691	50.0	2.83	10,337	190.1	1.81	6,889	110	1.14	2,652	28,680	0.92	505	8,830	1.26
1938	4,408	41.0	2.86	9,894	187.5	1.61	5,991	110	0.777	3,792	52,929	0.603	375	6,636	0.846
1937	3,266	32.1	1.79	5,889	107.2	1.55	6,015	114	0.549	3,573	43,878	0.542	337	6,038	0.674
1936	3,182	30.9	1.42	4,807	78.0	0.90	6,374	86	0.478	3,204	39,725	0.420	388	6,476	0.538
1935	2,081	18.9	1.46	4,274	87.6	0.92	4,760	53	0.569	3,556	35,811	0.410	361	5,589	0.62
1934	2,171	19.6	1.46	4,315	90.1	0.81	4,693	52	---	3,822	38,562	0.439	370	5,736	0.622
1933	905	8.0	1.59	3,035	61.9	0.67	4,699	67	0.391	4,087	55,984	0.338	448	6,763	0.539
1932	927	7.1	1.87	2,586	46.2	0.85	4,915	70	0.501	3,825	48,862	0.686	421	6,308	0.667
1931	1,125	5.3	1.90	2,359	33.7	1.27	2,798	30	0.948	2,694	24,239	0.812	379	6,440	0.851
1930	2,126	14.9	1.42	2,915	48.9	0.73	4,597	58	0.553	4,066	56,938	0.398	505	8,488	0.548
1929	993	5.6	1.70	---	23.0	1.01	2,396	19	0.948	1,914	16,234	0.730	---	---	---
1928	1,002	5.7	1.70	1,556	23.2	0.99	2,370	19	---	1,821	16,285	0.720	475	8,994	0.585
1927	1,341	6.9	1.63	1,044	13.5	0.94	4,354	54	0.506	2,405	20,573	0.627	460	7,816	0.558
1926	1,983	11.5	0.88	1,001	15.2	0.54	4,400	66	0.298	3,850	39,099	0.280	454	6,727	0.434
1925	2,431	11.8	1.17	1,141	17.3	0.50	4,443	72	0.300	3,159	32,777	0.341	507	8,910	0.423
1924	3,780	21.7	1.61	1,074	13.9	1.37	3,477	38	0.553	3,646	45,383	0.444	574	6,967	0.788
1923	2,966	15.0	2.86	---	8.7	1.67	3,523	49	---	3,033	34,303	0.860	622	3,359	0.96
1922	3,049	15.9	2.81	708	9.4	1.88	3,523	50	0.745	3,138	35,411	0.857	629	3,710	0.962
1921	2,611	19.1	1.94	579	7.9	1.88	4,115	77	---	3,320	33,055	0.836	679	10,117	0.898
1920	2,763	25.2	1.93	568	6.9	1.81	4,260	81	---	3,466	51,196	0.835	764	12,520	0.872
1919	2,736	18.5	2.03	466	5.2	2.01	4,211	71	---	3,427	34,968	0.830	679	10,976	0.875
1918	3,022	22.3	2.26	415	4.9	2.34	3,917	57	---	3,807	42,419	0.701	749	12,559	0.871
1917	3,435	28.2	2.34	---	---	---	3,519	61	---	3,714	55,674	1.040	717	12,004	1.07
1916	3,535	31.2	2.18	448	4.9	2.46	3,526	59	---	3,943	58,470	0.953	737	12,508	1.075
1915	2,015	16.6	2.12	---	---	---	4,204	62	---	4,946	56,091	0.594	689	11,596	0.968
1914	1,113	10.5	2.08	---	---	---	3,369	50	---	6,770	101,142	0.639	729	11,776	0.893
1913	1,143	8.1	1.66	---	---	---	3,790	71	---	4,865	61,205	0.841	640	11,822	0.881
1912	1,647	10.9	2.33	---	---	---	4,027	88	---	4,843	62,113	1.469	729	12,193	1.254
1911	1,261	6.7	4.44	113	1.1	4.10	3,630	74	---	7,679	75,992	1.530	743	12,690	1.55
1910	1,293	6.3	4.41	---	---	---	3,619	72	---	7,187	78,849	1.459	733	12,707	1.590
1909	1,783	12.3	3.58	---	---	---	---	---	---	6,709	83,586	1.497	1,018	14,404	1.640
1908	1,881	8.4	3.11	---	---	---	---	---	---	5,064	60,381	1.733	926	13,605	1.674
1907	1,298	11.8	2.31	---	---	---	---	---	---	3,528	43,089	1.124	786	10,302	1.267
1906	1,116	11.3	1.68	---	---	---	---	---	---	3,417	46,752	0.889	754	12,523	0.815
1905	1,561	12.9	1.31	---	---	---	---	---	---	3,144	42,120	0.819	732	12,919	0.807
1904	1,954	15.1	1.23	---	---	---	---	---	---	3,089	40,390	0.610	774	10,208	0.763
1903	2,941	28.1	1.29	---	---	---	---	---	---	2,724	37,911	0.651	804	15,095	0.679
1902	2,631	18.5	1.97	---	---	---	---	---	---	2,452	31,396	0.807	805	13,888	0.758
1901	2,222	11.4	2.23	---	---	---	---	---	---	3,362	29,098	0.729	840	14,536	0.675
1900	2,083	19.5	1.48	2	(2)	1.25	---	---	---	2,196	29,520	0.690	878	14,249	0.63
1899	2,081	19.5	1.42	---	---	---	---	---	---	2,212	30,083	0.730	871	14,762	0.723
1898	2,351	20.6	1.16	---	---	---	---	---	---	2,130	28,650	0.728	842	14,675	0.777
1897	2,699	23.8	0.96	---	---	---	---	---	---	2,073	28,247	0.726	833	14,225	0.699
1896	2,568	27.6	1.02	---	---	---	---	---	---	2,154	29,609	0.585	821	14,806	0.594
1895	2,439	28.7	0.84	---	---	---	---	---	---	2,297	31,173	0.603	825	15,997	0.583
1894	2,032	22.6	0.99	---	---	---	---	---	---	2,205	28,461	0.632	831	15,489	0.625
1893	3,180	25.4	0.81	---	---	---	---	---	---	2,260	28,932	0.535	824	14,263	0.608
1892	3,878	36.1	1.05	---	---	---	---	---	---	2,444	33,862	0.500	810	13,547	0.595
1891	3,173	27.6	---	---	---	---	---	---	---	2,409	30,773	0.550	807	15,145	0.563
1890	2,762	16.0	---	---	---	---	---	---	---	2,127	27,413	0.501	791	11,709	0.558
1889	2,111	30.0	0.78	---	---	---	---	---	---	2,054	35,569	0.480	807	11,234	0.51
1888	2,102	20.0	0.98	---	---	---	---	---	---	2,059	26,001	0.495	803	11,197	0.561
1887	1,889	18.5	---	---	---	---	---	---	---	2,204	29,044	0.441	794	12,187	0.448
1886	1,365	13.2	---	---	---	---	---	---	---	2,323	31,129	0.426	827	14,318	0.419
1885	1,848	17.7	---	---	---	---	---	---	---	2,599	31,852	0.369	856	13,791	0.390

See footnotes at end of table.

Series K 517-531. Flaxseed, Soybeans, Sorghum Grain, Rye, and Buckwheat—Acreage, Production, and Price: 1839 to 1970—Con.

[Census figures in italics]

Year	Flaxseed		Rye for grain			Buckwheat			Year	Flaxseed, production	Rye for grain			Buckwheat		
	Acreage harvested	Production	Acreage harvested	Production	Price per bushel ¹	Acreage harvested	Production	Price per bushel ¹			Acreage harvested	Production	Price per bushel ¹	Acreage harvested	Production	Price per bushel ¹
	517	518	526	527	528	529	530	531			518	526	527	528	529	530
	<i>1,000 acres</i>	<i>Million bushels</i>	<i>1,000 acres</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 acres</i>	<i>1,000 bushels</i>	<i>Dollars</i>		<i>Million bushels</i>	<i>1,000 acres</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 acres</i>	<i>1,000 bushels</i>	<i>Dollars</i>
1895	2,039	21.4	2,400	29,614	0.407	801	12,426	0.453	1879	7.2	1,825	19,789	0.674	842	11,742	0.596
1894	1,457	10.5	2,166	26,758	.488	805	11,024	.551	1878	7.0	1,905	21,755	.545	838	12,000	.528
1893	1,287	10.4	2,162	26,700	.496	806	10,330	.584	1877	7.0	1,844	21,860	.606	839	11,854	.693
1892	1,423	11.8	2,239	28,718	.537	840	12,119	.522	1876	5.8	1,770	19,266	.680	815	9,613	.715
1891	2,040	16.7	2,180	29,569	.772	829	12,863	.571								
1890	2,283	19.2	2,116	26,378	.623	821	11,979	.573	1875	5.4	1,647	16,927	.759	793	10,991	.695
1889	1,319	10.3	2,172	28,421		837	12,110		1874	5.4	1,568	17,305	.856	747	10,031	.803
1889	1,344	10.6	2,248	29,524	.420	809	11,654	.509	1873	4.8	1,553	16,141	.757	751	10,370	.815
1888		10.0	2,181	28,440	.592	812	9,729	.629	1872	3.4	1,563	16,776	.744	769	10,337	.837
1887		9.8	1,985	22,530	.535	799	9,666	.566	1871	2.8	1,588	16,975	.767	725	9,271	.824
1886		10.0	1,918	23,854	.530	802	10,771	.543	1870	2.4	1,559	15,637	.805	739	9,249	.797
1885		9.3	1,897	21,714	.580	826	11,567	.560	1869	2.7	1,631	16,342	.873	761	10,437	.869
1884		9.5	2,100	26,627	.534	782	10,139	.584	1868	2.0	1,620	17,218	1.202	781	10,520	1.038
1883		8.6	2,123	25,407	.584	804	7,143	.820	1867	1.9	1,649	19,595	1.312	811	11,184	1.060
1882		8.6	2,080	26,747	.631	800	10,678	.728	1866	1.8	1,509	17,619	1.058	772	11,861	.944
1881		7.8	1,749	19,181	.917	800	8,678	.867								
1880		7.5	1,752	19,306	.745	818	11,009	.592	1859	.6		21,101			17,572	
1879		7.2	1,842	19,832		843	11,817		1849	.6		14,189			8,957	
									1839			18,646			7,292	

NA Not available.
Z Less than 50,000.

¹ December 1 price received by farmers prior to 1908; season average price thereafter.

² Not comparable with previous censuses; data for farms with farm products sales of \$2,500 or more in 1969.

³ Beginning 1959, census data include Alaska and Hawaii.

Series K 532-537. Irish Potatoes and Sweetpotatoes—Acreage, Production, and Price: 1849 to 1970

[Census figures in italics. Prices are those received by growers]

Year	Irish potatoes			Sweetpotatoes			Year	Irish potatoes			Sweetpotatoes		
	Acreage harvested	Production	Price per cwt. ¹	Acreage harvested	Production	Price per cwt. ¹		Acreage harvested	Production	Price per cwt. ¹	Acreage harvested	Production	Price per cwt. ¹
	532	533	534	535	536	537		532	533	534	535	536	537
	<i>1,000 acres</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 acres</i>	<i>1,000 cwt.</i>	<i>Dollars</i>		<i>1,000 acres</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 acres</i>	<i>1,000 cwt.</i>	<i>Dollars</i>
1970	1,420	325,588	2.21	135	13,792	4.36	1945	2,664	251,639	2.30	646	33,692	3.64
1969 ²	1,201	273,644	2.00	99	19,643	4.20	1944	2,537	213,928	2.43	673	37,973	3.40
1969	1,413	311,908	2.23	146	14,654	4.16	1944	2,780	230,356	2.40	726	37,538	3.40
1968	1,376	293,984	2.23	147	13,591	4.89	1943	3,239	275,332	2.10	857	39,128	3.85
1967	1,457	305,334	1.86	147	13,558	4.49	1942	2,671	221,339	1.90	687	36,008	2.22
1966	1,464	306,902	2.04	157	13,697	4.98	1941	2,693	213,418	1.31	731	34,384	1.71
1965	1,384	291,169	2.52	169	15,524	4.21	1940	2,332	226,152	8.50	648	28,434	1.59
1964	1,174	221,874	3.43	112	10,123	5.11	1939	2,645	190,999	1.14	697	35,195	1.35
1964	1,272	241,076	3.50	151	12,969	5.09	1939	2,813	205,423	1.16	728	33,959	1.35
1963	1,323	271,158	1.78	171	14,356	4.03	1938	2,870	213,509	.897	793	37,732	1.31
1962	1,347	264,810	1.67	203	17,120	3.54	1937	3,055	225,869	.837	768	37,479	1.41
1961	1,480	293,166	1.36	183	14,415	4.30	1936	2,960	194,373	1.87	769	32,871	1.70
1960	1,386	257,104	2.00	191	14,858	4.09	1935	3,469	227,337	.980	944	44,687	1.25
1959	1,300	224,140	2.14	218	16,162	3.33	1934	3,532	242,052	.800	967	42,891	1.47
1959	1,331	245,272	2.27	257	18,865	3.25	1934	3,599	243,889	.707	959	42,722	1.41
1958	1,428	266,897	1.31	256	17,571	3.76	1933	3,423	205,922	1.34	907	41,040	1.29
1957	1,359	242,522	1.91	274	18,057	4.18	1932	3,568	224,815	.627	1,059	47,627	1.858
1956	1,371	245,792	2.02	276	17,381	4.01	1931	3,490	230,590	.748	854	37,023	1.21
1955	1,405	227,696	1.77	342	21,608	3.27	1930	3,139	206,290	1.47	670	30,017	2.02
1954	1,211	204,113	2.16	261	15,068	4.53	1929	3,245	193,480	2.14	650	35,856	1.39
1954	1,413	219,547	2.15	332	17,198	4.20	1929	3,030	200,035	2.17	647	35,758	2.15
1953	1,536	231,679	1.31	343	18,998	4.44	1928	3,499	256,349	.887	636	32,548	2.07
1952	1,397	211,095	3.21	322	16,040	5.99	1927	3,182	221,786	1.70	724	38,993	1.93
1951	1,343	195,776	2.68	312	15,998	5.55	1926	2,811	192,964	2.18	645	34,815	2.07
1950	1,698	259,112	1.50	489	27,269	2.99	1925	2,810	177,880	2.83	636	27,576	2.96
1949	1,515	219,917	2.13	393	23,654	3.85	1924	2,911	211,477	1.06	467	20,594	2.62
1949	1,755	240,950	2.10	472	24,804	3.87	1924	3,106	230,500	1.14	564	24,656	2.71
1948	1,981	269,937	2.53	455	23,702	3.93	1923	3,378	219,814	1.54	674	35,129	2.18
1947	2,001	233,391	2.67	547	27,303	3.85	1922	3,901	249,224	1.10	817	43,101	1.76
1946	2,527	292,389	2.02	637	33,454	3.87	1921	3,598	195,187	1.88	817	40,589	2.02

See footnotes at end of table.

Series K 532-537. Irish Potatoes and Sweetpotatoes—Acreage, Production, and Price: 1849 to 1970—Con.

[Census figures in italics]

Year	Irish potatoes			Sweetpotatoes			Year	Irish potatoes			Sweetpotatoes		
	Acreage harvested	Production	Price per cwt. ¹	Acreage harvested	Production	Price per cwt. ¹		Acreage harvested	Production	Price per cwt. ¹	Acreage harvested	Production	Price per cwt. ¹
	532	533	534	535	536	537		532	533	534	535	536	537
	<i>1,000 acres</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 acres</i>	<i>1,000 cwt.</i>	<i>Dollars</i>		<i>1,000 acres</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 acres</i>	<i>1,000 cwt.</i>	<i>Dollars</i>
1920	3,301	221,342	2.08	767	42,349	2.53	1890	2,557	102,065	1.26	531	24,730	0.956
1919	3,253	174,293	3.67	803	42,951	2.91	1889	2,601	130,523	1.26	525	24,173	0.945
1918	3,300	178,405	3.23	791	43,050	2.96	1888	2,603	130,760	1.26	521	24,628	0.945
1917	3,597	207,668	1.98	738	37,720	2.89	1887	2,604	143,785	1.26	515	24,661	0.956
1916	3,801	239,192	2.08	725	40,022	2.36	1886	2,466	95,769	1.15	494	21,190	1.02
1915	3,274	162,233	2.55	658	33,850	1.79	1885	2,393	117,045	1.26	481	21,484	0.969
1914	3,433	202,056	1.14	627	34,783	1.38	1884	2,335	118,286	1.26	474	22,061	0.925
1913	3,417	220,949	0.922	572	29,780	1.59	1883	2,307	124,789	1.26	476	17,807	1.04
1912	3,477	199,468	1.14	596	30,799	1.50	1882	2,373	136,253	1.26	470	17,103	1.02
1911	3,505	243,729	0.928	586	31,154	1.60	1881	2,216	118,390	1.26	469	22,958	1.09
1910	3,532	181,628	1.57	603	30,407	1.72	1880	2,036	76,544	1.52	441	13,656	0.918
1909	3,644	205,231	0.970	634	33,170	1.41	1879	1,968	99,095	1.26	469	22,070	0.918
1908	3,669	233,527	0.710	612	32,590	1.09	1878	1,961	101,675	1.26	451	18,358	0.998
1907	3,675	234,100	0.945	639	32,447	1.41	1877	1,961	101,663	1.26	451	18,618	0.998
1906	3,417	183,148	1.16	621	34,264	1.21	1876	1,879	86,018	1.26	479	21,287	(NA)
1905	3,333	199,875	1.01	596	31,533	1.28	1875	1,878	104,221	1.26	454	19,358	(NA)
1904	3,254	204,876	0.845	585	31,762	1.13	1874	1,783	73,567	1.10	460	21,018	(NA)
1903	3,263	180,421	1.02	574	32,208	1.05	1873	1,789	107,887	1.26	425	17,895	1.34
1902	3,208	209,695	0.755	570	30,533	1.10	1872	1,654	78,668	1.12	406	16,582	1.44
1901	3,079	165,770	1.02	565	29,079	1.06	1871	1,543	77,698	1.16	392	18,298	1.42
1900	3,077	177,941	0.790	558	26,936	1.05	1870	1,559	80,144	1.16	379	14,931	1.52
1899	2,950	124,447	1.28	558	26,486	1.04	1869	1,496	80,833	1.16	375	15,451	1.52
1898	2,997	155,813	0.717	542	25,126	0.918	1868	1,443	64,725	1.18	352	17,001	1.61
1897	2,939	163,997	0.600	537	23,390	0.854	1867	1,479	86,002	1.18	351	11,940	2.12
1896	2,939	163,541	0.668	531	23,235	0.960	1866	1,400	86,759	1.18	325	12,492	2.12
1895	2,877	144,209	0.703	547	27,909	0.884	1865	1,400	72,175	1.31	325	15,706	1.93
1894	2,809	118,904	0.922	531	22,873	0.884	1864	1,289	59,798	1.51			
1893	2,968	157,641	0.483	557	23,101	0.784	1863	1,225	66,969	1.11			
1892	3,090	181,269	0.443	545	24,687	0.865	1862		66,660			23,152	
1891	2,869	118,614	0.892	548	27,322	(NA)	1861		39,479			21,047	
1890	2,614	122,534	0.983	545	25,083	(NA)							
1889	2,519	114,120	1.10	544	25,500	(NA)							
1888	2,633	158,170	0.602	537	25,175	9.00							

NA Not available.
¹ December 1 price, 1866-1908; season average price thereafter.
² Not comparable with previous censuses; data for farms with farm products sales of \$2,500 or more.
³ Bushels.
⁴ Price per bushel.
⁵ Acreage reporting incomplete: 13 States reported 911,325 acres of Irish potatoes; 23 States 444,817 acres of sweetpotatoes.

Series K 538-549. Rice, Sugarcane, Sugar Beets, and Peanuts—Acreage, Production, and Price: 1895 to 1970

[Census figures in italics]

Year	Rice			Sugarcane			Sugar beets			Peanuts harvested for nuts		
	Acreage harvested	Production	Price per 100 lb. ¹	Acreage harvested for sugar	Production, raw sugar	Price per ton of sugarcane	Acreage harvested	Production	Price per ton ²	Acreage harvested	Production ³	Price per pound ⁴
	538	539	540	541	542	543	544	545	546	547	548	549
	<i>1,000 acres</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 acres</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 acres</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 acres</i>	<i>Million pounds</i>	<i>Cents</i>
1970	1,815	83,754	5.17	551.1	2,416	10.50	1,413	26,378	14.82	1,467	2,979	12.8
1969	2,131	81,511	4.91	519.2	2,254	9.94	1,541	27,736	12.70	1,456	2,535	12.3
1968	2,128	90,838	4.95	502.8	2,447	9.34	1,410	25,363	13.80	1,438	2,547	11.9
1967	2,353	104,075	5.00	577.3	2,648	9.38	1,122	19,197	13.50	1,404	2,477	11.4
1966	1,970	89,379	4.97	596.2	2,448	8.49	1,161	20,342	12.80	1,421	2,416	11.3
1965	1,967	85,020	4.95	590.2	2,322	7.90	1,249	20,918	11.90	1,438	2,390	11.4
1964	1,793	76,281	4.93	583.3	2,326	8.15	1,395	23,389	11.80	1,397	2,099	11.2
1963	1,815	74,324	4.98	643.4	2,234	6.93	1,235	23,328	12.22	1,396	1,942	11.2
1962	1,786	73,166	4.90	655.9	1,972	8.40	1,103	18,251	12.78	1,401	1,719	11.0
1961	1,771	70,269	5.01	542.8	1,950	7.71	1,077	17,704	11.16	1,185	1,657	10.9
1960	1,773	66,045	5.04	477.2	1,566	7.41	957	16,421	11.58	1,395	1,718	10.0
1959	1,589	54,198	5.14	441.4	1,566	7.32	891	17,015	11.24	1,435	1,523	9.6
1958	1,595	54,591	4.55	407.5	1,617	6.90	878	15,505	11.22	1,481	1,436	10.4
1957	1,617	54,408	4.58	408.4	1,661	8.04	785	12,995	11.94	1,384	1,607	11.2
1956	1,617	54,408	4.58	408.4	1,661	8.04	785	12,995	11.94	1,384	1,607	11.2

See footnotes at end of table.

Series K 538-549. Rice, Sugarcane, Sugar Beets, and Peanuts—Acreage, Production, and Price: 1895 to 1970—Con.

[Census figures in *italics*]

Year	Rice			Sugarcane			Sugar beets			Peanuts harvested for nuts		
	Acreage harvested	Production	Price per 100 lb. ¹	Acreage harvested for sugar	Production, raw sugar	Price per ton of sugarcane	Acreage harvested	Production	Price per ton ²	Acreage harvested	Production ³	Price per pound ⁴
	538	539	540	541	542	543	544	545	546	547	548	549
	1,000 acres	1,000 cwt.	Dollars	1,000 acres	1,000 tons	Dollars	1,000 acres	1,000 tons	Dollars	1,000 acres	Million pounds	Cents
1955	1,826	55,902	4.81	373.0	1,714	6.51	740	12,231	11.16	1,669	1,548	11.7
1954	2,498	65,284	4.53	278.6		6.70						
1954	2,550	64,193	4.57	393.1	1,687	6.95	876	14,082	10.80	1,887	1,008	12.2
1953	2,159	52,834	5.19	432.8	1,729	7.25	745	12,084	11.60	1,515	1,574	11.1
1952	1,997	48,193	5.87	425.9	1,625	6.96	665	10,169	12.00	1,443	1,355	10.9
1951	1,996	46,089	4.82	406.4	1,415	6.37	691	10,482	11.70	1,982	1,659	10.4
1950	1,637	38,820	5.09	419.8	1,525	7.80	925	13,535	11.20	2,262	2,035	10.9
1949	1,319	40,251	3.91	278.8								
1949	1,858	40,769	4.10	424.4	1,477	6.25	687	10,196	10.80	2,308	1,865	10.4
1948	1,804	38,275	4.88	309.2	477	5.76	694	9,424	10.60	3,296	2,336	10.5
1947	1,708	35,217	5.97	293.6	377	7.17	879	12,503	11.80	3,377	2,182	10.1
1946	1,582	32,497	5.00	286.8	425	6.62	802	10,582	11.10	3,141	2,038	9.1
1945	1,499	30,668	3.98	265.4	475	5.67	713	8,616	10.20	3,160	2,042	8.3
1944	1,394	29,270	3.90	269.1		5.05						
1944	1,480	30,974	3.93	273.1	437	4.95	555	6,718	10.60	3,068	2,081	8.0
1943	1,472	29,264	3.96	284.2	497	4.57	550	6,547	8.81	3,528	2,175	7.1
1942	1,457	29,082	3.61	290.2	458	4.40	954	11,685	6.84	3,355	2,193	6.1
1941	1,214	23,095	3.01	254.8	416	3.95	755	10,342	6.43	1,900	1,475	4.7
1940	1,069	24,495	1.80	240.1	332	2.88	912	12,194	5.11	2,052	1,767	3.3
1939	852	19,732	1.63	333.9		3.64						
1939	1,045	24,328	1.62	254.1	506	2.84	918	10,781	4.76	1,908	1,213	3.4
1938	1,076	23,628	1.42	296.2	584	2.71	925	11,497	4.65	1,692	1,289	3.3
1937	1,099	24,040	1.46	255.2	459	2.90	753	8,759	5.26	1,538	1,233	3.3
1936	981	22,419	1.85	243.6	438	3.67	776	9,028	6.05	1,660	1,260	3.7
1935	817	17,753	1.60	253.1	382	3.15	763	7,908	5.76	1,497	1,153	3.1
1934	706	14,831	1.72									
1934	812	17,571	1.76	235.8	262	2.33	770	7,519	5.16	1,514	1,014	3.3
1933	798	16,948	1.73	211.4	250	3.14	989	11,030	5.13	1,217	820	2.9
1932	874	18,729	.93	220.6	265	2.98	764	9,070	5.26	1,501	941	1.6
1931	965	20,076	1.08	182.1	184	3.21	713	7,903	5.94	1,440	1,056	1.6
1930	966	20,218	1.74	187.2	215	3.31	776	9,199	7.14	1,073	697	3.5
1929	743	15,137	2.13	341.3								
1929	860	17,790	2.22	191.7	218	3.73	688	7,315	7.08	1,262	898	3.7
1928	972	19,725	2.03	130.7	136	3.86	644	7,101	7.11	1,213	844	4.9
1927	1,027	20,024	2.02	73.0	72	4.61	721	7,753	7.67	1,086	844	5.2
1926	1,016	18,911	2.51	128.0	48	4.92	677	7,223	7.61	860	662	5.0
1925	853	14,866	3.30	190.0	142	4.05	648	7,381	6.39	996	722	4.3
1924	744	13,286	3.20									
1924	838	14,689	2.99	163.0	90	5.58	816	7,508	7.95	1,084	713	5.8
1923	874	14,957	2.49	217.5	168	7.09	657	7,006	8.99	797	568	6.5
1922	1,053	18,748	2.19	242.5	302	5.83	530	5,183	7.91	821	523	5.3
1921	990	17,673	2.18	228.9	334	3.63	815	7,782	6.35	980	678	3.8
1920	1,299	23,242	2.48	189.3	180	5.76	872	8,538	11.63	995	696	4.8
1919	917	16,195	6.10									
1919	1,069	19,310	3.46	180.0	125	14.00	692	6,421	11.74	957	688	9.3
1918	1,101	17,999	3.99	234.1	290	7.23	594	5,949	10.00	1,326	946	6.5
1917	953	15,621	4.26	246.0	251	7.10	665	5,980	7.39	1,314	989	7.0
1916	843	17,795	2.19	227.3	317	5.29	665	6,228	6.12	878	665	4.8
1915	740	11,748	1.86	184.0	141	4.55	611	6,511	5.67	617	481	4.1
1914	646	10,565	1.93	216.5	252	3.75	483	5,585	5.45	526	421	4.2
1913	722	10,894	1.98	255.0	307	3.13	580	5,886	5.69	465	383	4.5
1912	643	10,665	1.98	205.0	166	3.73	555	5,648	5.82	480	362	4.4
1911	636	10,198	1.75	317.1	368	4.29	474	5,062	5.50	472	366	4.2
1910	666	11,129	1.47	311.0	362	3.69	398	4,138	5.45	464	384	4.0
1909	620	10,246	1.67									
1909	662	10,614	1.76	292.0	338	3.83	420	4,240	5.06	537	355	4.1
1908	596	10,079	1.80									
1907	563	9,338	1.91									
1906	505	7,999	2.01									
1905	457	7,217	2.10									
1904	574	8,647	1.46									
1903	647	8,590										
1902	545	6,541										
1901	423	6,702										
1900	361	4,407										
1899	351	4,386	1.30									
1899	338	4,029										
1898	314	3,737										
1897	290	3,084										
1896	270	2,340										
1895	292	3,341										

¹ December 1 price, 1895-1907; season average price thereafter.
² Prices do not include Government payments under the Sugar Act.
³ Net weight basis.
⁴ Obtained by weighting State prices by quantity sold.
⁵ Not comparable with previous censuses; data for farms with farm products sales of \$2,500 or more.
⁶ Beginning 1959, census data include Alaska and Hawaii.
⁷ Beginning 1959, annual data include Hawaii.
⁸ Includes average support payments: 1945, \$1.50; 1944, \$.83; 1943, \$.34.

CROPS AND LIVESTOCK

K 550-563

Series K 550-563. Hay, Cotton, Cottonseed, Shorn Wool, and Tobacco—Acreage, Production, and Price: 1790 to 1970

[Census figures in italics]

Year	Hay ¹			Cotton				Cottonseed		Shorn wool		Tobacco		
	Acreage harvested	Production	Price per ton ²	Acreage harvested	Production ³	Price per pound ²	Stocks, Aug. 1, running bales	Production	Price per ton ²	Production ⁴	Price per pound ⁵	Acreage harvested	Production	Price per pound ⁶
	550	551	552	553	554	555	556	557	558	559	560	561	562	563
	<i>1,000 acres</i>	<i>Million tons</i>	<i>Dollars</i>	<i>1,000 acres</i>	<i>1,000 bales</i>	<i>Cents</i>	<i>1,000 bales</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>Million pounds</i>	<i>Cents</i>	<i>1,000 acres</i>	<i>Million pounds</i>	<i>Cents</i>
1970	62,911	127	26.10	11,160	10,166	21.98	5,760	4,093	56.50	162	35.4	899	1,908	72.8
1969	58,204	112	24.70	11,496	10,360	20.94	5,760	4,093	56.50	162	35.4	899	1,908	72.8
1968	62,053	128	24.70	11,055	9,990	21.09	6,521	4,068	41.10	166	41.9	920	1,604	71.8
1967	62,693	126	23.60	10,160	10,925	22.15	6,448	4,640	50.50	178	40.5	880	1,710	69.5
1966	64,667	126	24.50	7,997	7,443	25.59	12,533	3,210	55.20	189	39.8	960	1,968	66.8
1965	65,140	121	25.00	9,552	9,555	20.84	16,862	3,960	65.90	195	52.1	974	1,887	66.4
1964	67,684	126	23.20	13,615	14,951	28.14	14,291	6,087	46.70	201	47.1	977	1,855	65.1
1963	65,295	116	23.71	13,917	14,734	29.76	12,378	6,237	47.10	212	53.2	1,078	2,228	59.2
1962	67,375	119	23.90	14,055	15,144	32.23	11,216	6,192	50.70	232	48.4	1,176	2,344	57.7
1961	66,428	118	24.60	14,212	15,294	31.90	7,831	6,139	47.90	247	47.7	1,224	2,315	58.9
1960	67,563	122	21.80	15,569	14,827	32.92	7,228	5,978	51.10	259	42.9	1,174	2,061	63.8
1959	67,376	117	20.70	15,634	14,318	30.19	7,559	5,886	42.60	265	42.0	1,142	1,944	60.9
1958	67,813	118	21.70	15,309	14,272	31.66	8,885	5,991	38.80	260	43.2	1,153	1,796	58.8
1957	68,549	107	22.30	15,117	14,558	33.23	8,737	4,798	43.80	244	36.4	1,078	1,786	59.9
1956	66,266	111	18.80	11,849	11,512	29.65	11,823	4,609	51.10	239	53.4	1,122	1,668	56.1
1955	70,547	120	19.30	13,558	10,964	31.75	14,529	5,407	53.40	242	44.3	1,364	2,176	53.7
1954	71,912	120	19.80	15,615	13,310	32.33	11,205	6,043	44.60	241	42.7	1,495	2,193	53.2
1953	72,292	108	22.20	16,928	14,721	33.85	9,728	5,418	60.55	236	53.2	1,668	2,244	51.1
1952	74,956	113	21.90	18,558	12,921	32.25	5,605	6,709	52.70	232	54.9	1,633	2,059	52.3
1951	73,721	108	21.90	19,251	13,697	34.59	2,789	6,190	60.30	233	54.1	1,772	2,256	49.9
1950	74,997	108	26.90	24,341	16,465	37.88	2,278	6,286	69.60	228	97.1	1,780	2,332	51.1
1949	75,147	106	25.90	25,921	15,139	40.07	6,846	4,105	86.60	217	62.1	1,599	2,030	51.7
1948	75,063	110	21.10	17,843	10,014	23.70	8,110	6,110	43.43	213	49.4	1,623	1,969	45.9
1947	77,470	99	21.80	26,599	15,415	28.58	5,287	6,559	43.40	213	49.4	1,623	1,969	45.9
1946	72,821	97	24.30	27,439	16,128	30.38	3,080	5,945	67.20	232	49.2	1,554	1,980	48.2
1945	71,817	96	22.90	22,911	14,877	31.93	2,530	4,682	85.90	251	42.0	1,852	2,107	43.6
1944	74,666	101	22.70	17,584	8,640	22.52	11,164	3,664	72.00	281	42.3	1,960	1,815	45.1
1943	73,741	100	20.30	17,029	9,015	22.52	11,164	3,664	51.10	308	41.9	1,821	1,991	42.6
1942	76,697	107	18.06	18,962	11,838	20.73	10,744	4,902	58.20	338	42.3	1,750	1,951	42.0
1941	77,402	95	21.40	19,617	12,230	19.90	10,657	4,688	52.10	379	41.6	1,458	1,406	40.5
1940	77,639	103	18.60	21,610	11,427	19.05	10,640	5,202	45.60	388	40.1	1,377	1,408	36.9
1939	74,827	108	13.70	22,602	12,817	17.03	12,166	4,553	47.65	388	35.5	1,307	1,262	26.4
1938	73,136	96	9.82	23,861	12,566	9.89	10,564	5,286	21.72	372	28.4	1,410	1,460	16.1
1937	73,058	96	8.74	22,811	11,481	9.09	13,093	5,259	21.10	372	28.4	1,410	1,460	16.1
1936	67,229	74	10.20	23,805	11,817	8.60	11,539	4,869	21.14	362	22.3	2,000	1,881	15.4
1935	69,243	87	6.78	24,248	11,943	8.41	4,499	4,950	19.50	356	19.1	1,601	1,386	19.6
1934	68,175	91	8.74	33,623	18,946	12.36	5,409	5,472	33.30	353	26.9	1,441	1,163	23.6
1933	66,001	83	7.52	27,509	10,638	11.09	7,208	4,634	30.54	362	19.3	1,439	1,302	18.4
1932	67,732	70	13.82	26,754	9,472	12.36	7,744	4,256	33.03	369	21.9	1,273	1,085	21.3
1931	68,550	90	13.20	26,866	9,636	10.17	8,165	5,511	12.91	374	20.6	1,739	1,372	13.0
1930	63,156	54	8.09	29,383	13,047	6.52	9,673	5,815	10.35	351	8.6	1,405	1,018	10.5
1929	65,387	60	6.20	35,891	13,003	5.66	6,370	7,310	8.98	376	13.6	1,988	1,565	8.2
1928	68,439	75	11.10	38,704	17,097	9.46	4,530	6,028	22.07	352	19.5	2,124	1,648	12.8
1927	70,412	84	11.45	43,228	14,574	16.78	2,312	6,406	30.93	328	30.2	1,980	1,533	18.3
1926	68,795	76	10.90	43,232	14,825	17.98	2,536	6,319	34.21	315	36.2	1,864	1,373	20.0
1925	70,105	79	12.29	42,434	14,477	20.20	3,762	5,758	34.86	289	30.3	1,556	1,211	20.7
1924	72,181	98	13.27	38,342	12,956	12.49	3,543	7,989	22.08	269	34.0	1,628	1,289	17.9
1923	68,795	76	12.80	44,608	17,978	19.62	1,610	7,150	31.69	253	39.5	1,751	1,376	16.8
1922	70,105	79	12.80	44,386	16,105	22.91	1,556	6,050	33.25	238	36.6	1,702	1,245	19.0
1921	72,692	88	12.68	39,204	13,630	28.69	2,325	4,503	41.21	230	39.4	1,855	1,518	19.0
1920	74,459	91	11.63	31,361	9,755	22.88	3,822	4,300	30.33	228	27.1	1,616	1,254	22.8
1919	73,545	89	11.61	28,678	7,945	17.00	6,896	3,528	29.07	242	17.3	1,340	1,005	19.5
1918	73,432	95	16.50	34,408	13,429	15.89	3,824	5,966	25.65	251	45.5	1,935	1,509	17.3
1917	73,070	85	21.50	33,740	11,376	35.34	4,445	5,328	65.27	270	49.5	1,959	1,444	31.2
1916	73,033	89	20.92	32,906	11,141	28.88	3,509	5,069	65.23	274	57.7	1,720	1,445	27.9
1915	70,936	92	19.62	35,038	12,018	27.09	2,720	5,012	64.28	237	41.6	1,616	1,326	24.0
1914	73,156	92	16.53	32,245	11,284	17.36	3,140	5,085	45.63	244	26.1	1,483	1,207	14.8
1913	71,909	85	10.26	29,951	11,172	7.35	1,366	4,963	30.15	241	22.1	1,419	1,157	9.0
1912	71,017	85	10.64	35,615	16,112	12.47	1,511	7,155	15.51	251	16.6	1,258	1,037	9.7
1911	72,918	99	11.37	35,206	14,153	11.50	1,652	6,286	21.96	266	16.7	1,284	992	12.8
1910	67,395	86	10.80	32,557	13,703	9.65	1,275	6,037	18.36	278	17.3	1,335	1,117	10.7
1909	65,885	85	14.11	34,916	15,694	13.96	940	6,970	17.18	302	15.8	1,133	941	9.3
1908	68,932	75	11.66	31,508	11,609	13.52	1,469	5,156	26.11	306	21.7	1,398	1,142	9.3
1907	68,227	87	8.90	32,044	10,649	9.01	1,161	5,325	22.74	270	16.3	1,009	886	10.2
1906	68,703	87	10.20	30,555	10,005	10.36	1,465	4,442	24.35	310	22.2	1,292	1,054	10.1
1905	51,487	72	9.08	31,091	13,241	10.36	1,465	5,883	24.35	270	16.3	1,009	886	10.2
1904	49,833	66	11.60	30,729	11,106	10.36	1,465	4,931	24.35	256	20.5	1,042	886	10.0
1903	48,650	60	10.40	31,404	13,274	9.58	1,299	5,898	24.35	257	23.1	1,123	973	9.6

See footnotes at end of table.

Series K 550-563. Hay, Cotton, Cottonseed, Shorn Wool, and Tobacco—Acreage, Production, and Price: 1790 to 1970—Con.

(Census figures in italics)

Year	Hay ¹			Cotton			Cottonseed		Shorn wool		Tobacco		
	Acreage harvested	Production	Price per ton ²	Acreage harvested	Production ³	Price per pound ²	Production	Price per ton ²	Production ⁴	Price per pound ⁵	Acreage harvested	Production	Price per pound ⁶
	550	551	552	553	554	555	557	558	559	560	561	562	563
	1,000 acres	Million tons	Dollars	1,000 acres	1,000 bales	Cents	1,000 tons	Dollars	Million pounds	Cents	1,000 acres	Million pounds	Cents
1905	48,933	67	8.49	27,753	10,576	10.78	4,700	-----	253	22.2	1,103	939	8.2
1904	47,480	65	8.82	30,077	13,438	8.98	5,967	-----	250	16.3	1,026	857	7.8
1903	46,850	64	9.18	27,762	9,851	10.49	4,379	-----	245	15.4	1,212	976	6.7
1902	44,716	59	9.05	27,561	10,630	7.60	4,729	-----	274	13.7	1,189	960	6.9
1901	40,555	53	9.88	27,050	9,508	7.09	4,226	-----	266	13.7	1,098	886	7.2
1900	42,488	50	9.78	24,886	10,124	9.15	4,500	-----	260	13.7	1,086	852	6.7
1899	61,691	79	6.11	24,275	9,555	-----	4,767	9.85	-----	-----	-----	-----	-----
1898	43,395	54	8.20	24,163	9,346	6.98	4,152	-----	272	14.5	1,102	870	7.1
1897	43,083	60	6.52	24,715	11,278	5.73	5,120	-----	267	13.7	1,116	909	6.1
1896	42,396	56	7.21	25,131	10,899	6.68	4,878	-----	259	11.1	978	703	7.4
1895	40,971	51	7.60	23,230	8,533	6.66	3,778	-----	272	10.3	1,038	760	5.5
1894	41,153	40	9.63	19,839	7,162	7.62	3,174	-----	294	10.3	1,006	745	6.8
1893	41,864	48	8.98	21,356	9,091	4.59	4,448	-----	325	11.1	993	767	6.6
1892	42,083	53	9.43	20,256	7,493	7.00	3,297	-----	349	14.5	1,096	767	7.9
1891	41,328	53	8.78	18,859	6,700	8.34	2,956	-----	294	16.3	1,039	757	8.9
1890	40,350	51	8.65	21,503	9,035	7.24	3,967	-----	285	16.3	955	747	8.2
1889	39,613	51	8.11	20,937	8,653	8.59	3,802	-----	276	17.1	851	648	8.0
1888	52,949	67	-----	20,175	7,478	-----	-----	-----	-----	-----	-----	-----	-----
1887	38,867	50	7.74	20,191	7,473	8.55	3,318	-----	265	18.0	758	525	6.6
1886	37,411	47	9.24	19,520	6,938	8.50	3,074	-----	269	17.1	891	661	7.9
1885	36,480	42	10.09	18,793	7,047	8.55	3,056	-----	285	18.0	722	469	10.5
1884	35,771	45	8.72	18,370	6,505	8.06	2,802	-----	302	16.3	848	609	7.2
1883	34,507	43	10.07	17,922	6,576	8.39	2,828	-----	308	14.5	815	611	7.5
1882	33,448	43	8.99	16,849	5,682	9.19	2,427	-----	300	14.5	754	580	8.1
1881	32,077	44	8.77	16,295	5,713	9.13	2,450	-----	290	17.1	891	509	8.8
1880	30,373	39	9.99	15,633	6,949	9.12	3,033	-----	272	20.5	744	579	8.5
1879	28,619	35	12.25	16,483	5,456	10.66	2,280	-----	240	22.2	698	426	9.6
1878	27,011	33	11.82	15,921	6,606	9.83	2,822	-----	233	23.1	650	469	8.1
1877	30,637	35	-----	14,480	5,755	-----	-----	-----	-----	-----	-----	-----	-----
1876	26,641	31	9.63	14,474	5,756	10.28	2,425	-----	211	18.0	633	472	6.1
1875	25,627	33	7.32	13,539	5,074	8.16	2,106	-----	208	18.8	651	455	5.8
1874	24,749	30	8.72	12,606	4,773	8.53	1,994	-----	200	21.4	789	621	5.4
1873	23,986	29	9.80	11,747	4,474	9.71	1,826	-----	192	19.7	625	466	7.3
1872	22,662	26	12.75	11,348	4,631	-----	1,909	-----	181	25.7	746	609	7.7
1871	21,861	25	13.85	10,753	3,886	-----	1,567	-----	170	25.7	378	217	13.7
1870	21,597	24	14.40	10,998	4,168	-----	1,718	-----	158	26.5	513	382	8.6
1869	21,081	24	15.35	9,580	3,933	-----	1,621	-----	150	31.7	492	385	10.7
1868	20,270	22	16.57	8,285	2,974	-----	1,223	-----	160	27.4	420	327	10.2
1867	19,719	21	14.45	9,238	4,352	-----	1,786	-----	162	22.2	424	345	9.7
1866	19,310	27	-----	-----	3,012	-----	-----	-----	-----	-----	-----	-----	-----
1865	19,568	25	12.76	7,751	3,011	-----	1,118	-----	162	22.2	395	264	10.9
1864	18,641	23	13.90	6,973	2,366	-----	974	-----	-----	-----	369	236	12.2
1863	18,250	21	14.48	7,668	2,097	-----	1,042	-----	-----	-----	370	230	11.6
1862	-----	-----	-----	-----	-----	-----	864	-----	-----	-----	394	316	11.6

Year	Hay, production	Cotton, production	Year	Hay, production	Cotton, production	Year	Cotton, production						
	551	554		551	554		554		554		554		554
	Million tons	1,000 bales		Million tons	1,000 bales		1,000 bales		1,000 bales		1,000 bales		1,000 bales
1865	-----	2,094	1850	-----	2,136	1835	1,062	1820	335	1805	146	1795	17
1864	-----	299	1849	14	2,469	1834	962	1819	349	1804	136	1794	17
1863	-----	449	1849	-----	2,066	1833	931	1818	262	1803	126	1793	10
1862	-----	1,597	1848	-----	2,615	1832	816	1817	272	1802	115	1792	6
1861	-----	4,491	1847	-----	2,128	1831	805	1816	259	1801	100	1791	4
1860	-----	3,841	1846	-----	1,604	-----	-----	-----	-----	-----	-----	-----	-----
1859	19	5,387	1845	-----	1,806	1830	732	1815	209	1800	73	1790	8
1858	-----	4,508	1844	-----	2,079	1829	764	1814	146	1799	42	-----	-----
1857	-----	3,758	1843	-----	1,750	1828	680	1813	157	1798	31	-----	-----
1856	-----	3,012	1842	-----	2,035	1827	565	1812	157	1797	23	-----	-----
1855	-----	2,874	1841	-----	1,398	1826	732	1811	167	1796	21	-----	-----
1854	-----	3,221	1840	-----	1,348	1825	533	1810	178	-----	-----	-----	-----
1853	-----	2,708	1839	10	1,976	1824	450	1809	172	-----	-----	-----	-----
1852	-----	2,766	1838	-----	1,654	1823	387	1808	157	-----	-----	-----	-----
1851	-----	3,130	1837	-----	1,093	1822	439	1807	167	-----	-----	-----	-----
1850	-----	2,799	1836	-----	1,428	1821	377	1806	167	-----	-----	-----	-----

¹ All hay, 1909-1970; tame hay prior to 1909.
² December 1 average price prior to 1909; season average price thereafter. Loose hay price 1909-1938; baled hay price thereafter.
³ Annual production estimates prior to 1962 are shown in 500-pound gross-weight bales; beginning 1962, 480-pound net-weight bales. Figures for census years are shown in running bales, and are not comparable with annual production estimates; the net weight per running bale was 383 pounds in 1839; 496.1 pounds in 1944; 482.0 pounds in 1954; 501.1 pounds in 1964; and 603.6 pounds in 1969.
⁴ Includes shearing at commercial feeding yards.
⁵ Average price relates to calendar year prior to 1943, April-March marketing season for 1943-1962, April-December for 1963, and calendar year thereafter.
⁶ December 1 price prior to 1919; season average price thereafter.
⁷ Average price to December 1, 1969, with no allowance for unredeemed loans.
⁸ Includes allowance for unredeemed loans.
⁹ Beginning 1961, includes Alaska; no estimates made for Hawaii.
¹⁰ Beginning 1953, price includes allowance for unredeemed wool.
¹¹ Includes 26.5 million pounds that were not utilized due to Agricultural Adjustment Act.

CROPS AND LIVESTOCK

K 564-582

Series K 564-582. Livestock—Number, Value Per Head, Production, and Price: 1867 to 1970

[Census figures in italics. All figures are as of January 1 except for 1870, 1880, 1890, 1900 (June 1); 1910 (April 15); 1930, 1940, 1950 (April 1); 1954, 1959 (October-November); 1964 (November-December); and 1969 (December 31)]

Year	Number on farms and value per head										Number of work-stocks, 2 years old and over	Live weight production and annual average price received by farmers, per 100 pounds								
	All cattle		Hogs		Stock sheep		Horses ¹		Mules ¹			All cattle		Hogs		Sheep				
	Number	Value per head	Number	Value per head	Number	Value per head	Number	Value per head	Number	Value per head		Production ²	Price, beef cattle	Price, veal calves	Production ²	Price	Production ²	Price, sheep	Price, lambs	
	564	565	566	567	568	569	570	571	572	573		574	575	576	577	578	579	580	581	582
<i>1,000 head</i>	<i>Dollars</i>	<i>1,000 head</i>	<i>Dollars</i>	<i>1,000 head</i>	<i>Dollars</i>	<i>1,000 head</i>	<i>Dollars</i>	<i>1,000 head</i>	<i>Dollars</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>Million pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million pounds</i>	<i>Dollars</i>	<i>Million pounds</i>	<i>Dollars</i>	<i>Dollars</i>	
1970	112,303	180.00	56,655	39.00	17,411	24.70						39,450	27.10	34.50	21,851	22.70	1,082	7.64	26.40	
1969	108,881	158.00	55,455	38.50	17,611	22.00														
1968	109,885	158.00	56,632	38.50	18,332	22.00						37,142	26.20	31.50	20,489	22.20	1,037	8.24	27.20	
1967	109,152	149.00	58,777	28.30	19,105	19.20						36,368	23.40	27.60	21,102	18.50	1,130	6.55	24.40	
1966	108,645	149.00	58,249	33.20	20,661	19.70						35,932	22.30	26.30	20,634	18.90	1,143	6.36	22.10	
1965	108,862	133.00	47,414	45.20	21,456	19.70						35,020	22.29	26.00	19,107	22.80	1,251	6.84	23.40	
1964	109,000	113.00	50,792	24.50	21,843	15.80						34,003	19.80	22.00	18,055	20.60	1,217	6.34	22.80	
1963	105,558	127.00	54,080	23.40	23,472	14.00						34,836	18.00	20.40	20,217	14.80	1,331	6.00	19.90	
1962	107,903	142.00	56,757	27.50	25,122	14.40						32,777	19.90	24.00	20,960	14.90	1,403	5.76	18.10	
1961*	104,488	140.00	57,993	27.50	26,719	12.90						30,775	21.30	25.10	20,275	16.30	1,491	5.63	17.85	
1960	100,369	140.00	56,619	27.20	26,320	14.60						29,902	20.20	23.70	20,167	16.60	1,646	5.20	15.80	
1959	97,700	137.00	59,026	18.50	28,849	16.50	3,089	113.00			2,888	28,796	20.40	22.90	19,203	15.30	1,628	5.60	17.90	
1958	96,534	153.00	67,949	32.00	33,945	20.30	3,189	102.00				2,988	28,280	22.60	26.70	21,273	14.10	1,713	6.00	18.70
1957	93,322	120.00	58,045	30.20	27,167	19.40	3,415	84.40				3,220	26,764	21.90	25.30	19,180	19.60	1,657	7.20	21.00
1956	91,176	91.60	51,897	24.70	26,348	14.90	3,632	71.80				3,436	26,555	17.20	18.70	18,413	17.80	1,534	6.05	19.90
1955	92,860	88.10	55,354	17.70	26,890	14.30	3,958	62.60				3,757	27,531	14.90	16.10	19,089	14.40	1,569	5.60	18.50
1954	96,592	88.20	50,474	30.60	27,137	14.90	4,309	56.20				4,101	28,099	15.60	16.80	20,154	15.00	1,618	5.78	18.40
1953	95,027	92.00	57,093	36.60	27,079	13.80	4,741	52.90				4,572	27,580	16.00	16.50	18,218	21.60	1,607	6.14	19.10
1952	95,679	128.00	51,755	26.10	27,593	15.70	5,403	53.00				5,166	27,405	16.30	16.70	18,800	21.40	1,538	6.67	19.30
1951	94,241	179.00	62,117	29.90	27,944	28.00	6,150	53.90				5,887	24,933	24.30	25.80	19,727	17.80	1,471	10.00	24.30
1950	88,073	100.00	62,269	33.30	27,231	26.50	7,036	54.60				6,732	22,990	28.70	31.90	21,436	20.00	1,372	16.00	31.00
1949	76,762	124.00	55,722	27.10	26,182	17.80	5,548	46.00	2,233	99.10	7,415	21,185	23.30	26.30	20,214	18.00	1,336	11.60	25.10	
1948	77,963	135.00	56,257	38.30	26,940	17.00	6,096	52.50	2,402	116.00	8,074	19,274	19.80	22.60	19,457	18.10	1,278	9.27	22.40	
1947	76,830	117.00	54,590	42.90	29,486	15.00	6,704	55.70	2,575	133.00	8,800	18,402	22.20	24.40	18,222	23.10	1,383	9.69	22.80	
1946	80,554	97.50	56,810	36.00	31,805	12.20	7,340	59.30	2,789	141.00	9,573	19,130	18.40	20.40	18,159	24.10	1,567	8.39	20.50	
1945	82,235	76.20	61,306	24.00	35,525	9.57	8,081	57.50	3,027	138.00	10,434	18,999	14.50	15.20	18,744	17.50	1,762	7.48	15.60	
1944	82,654	66.90	46,735	20.60	39,229	8.45	8,195	64.90	3,130	134.00	11,116	19,517	12.10	13.00	18,843	14.00	1,912	6.38	13.10	
1943	85,573	68.40	53,741	17.50	44,270	8.68	9,192	78.60	3,421	143.00	11,668	19,708	10.80	12.40	20,584	13.06	1,938	6.01	12.50	
1942	81,204	69.30	78,881	22.50	48,196	9.68	9,605	79.80	3,626	127.00	12,117	19,159	11.90	13.30	25,975	13.69	2,108	6.57	13.00	
1941	76,025	55.00	60,607	15.60	49,346	8.66	9,373	64.70	3,752	107.00	12,346	18,568	10.70	12.30	21,105	13.04	2,313	5.80	11.70	
1940	71,755	43.20	54,353	8.34	47,441	6.77	10,193	68.20	3,911	107.00	12,651	17,029	8.82	10.30	17,489	9.09	2,251	5.06	9.58	
1939	60,675	40.60	34,087	7.78	46,266	6.35	10,087	77.30	4,034	116.00	13,000	15,702	7.56	8.83	17,043	5.39	2,101	3.95	8.10	
1938	68,309	38.44	50,012	11.18	45,463	5.74	10,629	84.32	4,163	118.58	13,273	15,177	7.14	8.40	17,079	6.23	2,029	3.90	7.78	
1937	66,029	36.58	44,525	11.26	44,972	6.13	10,959	90.89	4,250	123.39	13,690	14,047	6.54	7.90	14,372	7.74	2,038	3.58	7.05	
1936	65,249	34.06	42,975	12.71	45,435	6.35	11,842	96.73	4,400	130.25	14,339	13,438	7.00	8.10	12,906	9.30	1,332	4.52	8.38	
1935	66,098	34.06	43,063	11.89	45,201	6.02	11,842	99.14	4,400	130.25	14,339	13,438	7.00	8.10	12,906	9.30	1,332	4.52	8.38	
1934	67,847	34.06	42,975	12.71	45,435	6.35	11,842	96.73	4,428	120.63	14,339	14,438	5.82	7.20	12,976	9.37	1,852	3.77	8.05	
1933	68,281	20.20	39,066	6.31	46,139	4.33	11,861	77.05	4,822	99.34	15,473	13,651	6.04	7.16	10,673	8.65	1,835	3.75	7.28	
1932	68,846	17.78	58,621	4.09	48,244	3.77	12,052	66.88	4,945	82.42	15,984	14,538	4.13	4.92	12,385	4.14	1,911	2.85	5.90	
1931	70,280	19.74	62,127	4.21	47,303	2.91	12,291	54.12	5,046	60.42	16,404	15,405	3.75	4.64	16,566	3.53	1,860	2.38	5.04	
1930	65,801	26.39	59,301	6.13	47,682	3.44	12,664	53.48	5,148	60.70	16,822	14,232	4.25	4.95	16,368	3.34	1,829	2.24	4.47	
1929	63,030	38.99	54,835	11.35	47,720	5.40	13,195	60.64	5,273	69.23	17,375	13,386	5.53	6.95	16,541	5.73	2,052	3.11	5.64	
1928	63,896	56.36	55,705	13.45	45,577	9.00	13,742	69.98	5,354	83.93	17,981	13,263	7.71	9.68	15,176	8.84	1,965	4.74	7.76	
1927	61,003	58.47	59,042	12.93	43,481	10.71	14,234	69.68	5,312	82.45	18,514	12,754	9.47	12.16	15,582	9.42	1,823	7.19	11.90	
1926	58,777	50.63	61,873	13.17	40,689	10.36	14,792	66.71	5,656	79.84	19,120	12,227	9.52	11.75	16,189	8.54	1,773	7.65	12.20	
1925	58,178	39.98	55,496	17.19	38,067	9.79	15,388	63.73	5,804	74.51	19,765	12,072	7.62	10.14	16,340	9.64	1,664	7.01	11.50	
1924	60,576	36.80	52,105	15.66	35,719	10.53	16,083	65.31	5,903	81.51	20,491	12,605	6.75	9.34	14,909	11.79	1,609	7.20	11.70	
1923	60,760	31.72	50,854	13.15	34,469	9.63	16,401	64.28	5,918	82.91	21,038	12,953	6.53	8.59	14,168	10.91	1,508	7.56	12.40	
1922	63,373	32.11	66,576	10.30	32,859	7.94	17,378	65.39	5,907	85.89	21,578	13,402	5.84	7.83	15,388	7.34	1,459	6.57	10.80	
1921	67,546	31.66	69,304	12.29	32,597	7.50	18,125	70.49	5,895	86.87	22,050	13,174	5.84	7.90	17,008	6.94	1,253	6.55	10.52	
1920	68,795	30.39	59,849	10.58	33,365	4.79	18,764	71.01	5,824	88.99	22,271	13,185	5.79							

Series K 564-582. Livestock—Number, Value Per Head, Production, and Price: 1867 to 1970—Con.

(Census figures in italics)

Year	Number on farms and value per head										Year	Number on farms and value per head									
	All cattle		Hogs		Stock sheep		Horses ¹		Mules ¹			All cattle		Hogs		Stock sheep		Horses ¹		Mules ¹	
	Number	Value per head	Number	Value per head	Number	Value per head	Number	Value per head	Number	Value per head		Number	Value per head	Number	Value per head	Number	Value per head	Number	Value per head	Number	Value per head
	564	565	566	567	568	569	570	571	572	573		564	565	566	567	568	569	570	571	572	573
	<i>1,000 head</i>	<i>Dol-lars</i>	<i>1,000 head</i>	<i>Dol-lars</i>	<i>1,000 head</i>	<i>Dol-lars</i>	<i>1,000 head</i>	<i>Dol-lars</i>	<i>1,000 head</i>	<i>Dol-lars</i>	<i>1,000 head</i>	<i>Dol-lars</i>	<i>1,000 head</i>	<i>Dol-lars</i>	<i>1,000 head</i>	<i>Dol-lars</i>	<i>1,000 head</i>	<i>Dol-lars</i>	<i>1,000 head</i>	<i>Dol-lars</i>	
1908	61,989	20.92	58,388	5.99	45,095	3.87	19,444	92.76	3,949	107.81	1887	56,602	21.18	42,563	4.60	44,217	2.05	13,821	71.59	2,213	78.39
1907	83,754	20.91	56,549	7.54	43,400	3.81	19,000	92.86	3,814	111.46	1886	54,868	22.20	45,457	4.30	46,654	1.95	13,276	70.62	2,162	78.96
1906	65,009	19.65	53,633	6.07	41,965	3.51	18,806	79.77	3,680	97.75	1885	52,463	24.40	47,330	5.06	49,620	2.19	12,700	72.94	2,102	81.88
1905	66,111	18.39	53,176	5.89	40,410	2.77	18,491	69.73	3,586	87.06	1884	49,804	25.26	45,961	5.64	51,101	2.40	12,215	73.80	2,047	83.53
1904	66,442	19.69	51,623	6.08	41,908	2.55	18,331	67.59	3,465	78.02	1883	47,387	23.87	43,440	6.74	50,935	2.53	11,794	69.92	1,975	77.79
1903	66,004	21.55	48,100	7.69	44,436	2.62	18,121	62.27	3,353	71.78	1882	45,738	20.93	42,566	6.00	48,883	2.35	11,444	58.75	1,928	71.69
1902	64,418	21.48	47,858	6.95	46,196	2.62	17,968	58.52	3,264	67.23	1881	44,501	18.67	43,076	4.80	47,371	2.35	11,187	57.91	1,912	68.84
1901	62,576	22.68	50,681	6.08	46,126	2.96	17,955	53.03	3,190	53.47	1880	39,676	17.80	44,327	4.40	44,867	2.18	10,903	58.74	1,878	61.74
1900 ^a	67,719	26.50	62,863	5.36	45,065	2.97	17,856	43.86	3,139	51.46	1879	41,420	16.96	43,767	3.15	41,678	2.01	10,574	51.55	1,816	57.08
1900	59,739	24.53	51,558	4.67	42,688	2.80	17,728	36.61	3,012	49.52	1878	39,396	15.05	43,375	4.89	38,942	2.12	10,230	55.38	1,746	62.61
1899	55,927	22.79	53,232	4.70	40,097	2.51	17,698	35.35	2,919	42.31	1877	37,333	18.38	39,333	5.68	38,147	2.03	9,910	55.11	1,674	63.16
1898	52,868	18.62	51,232	4.36	38,891	1.84	17,303	30.92	2,838	40.49	1876	36,140	18.76	35,715	5.97	37,477	2.20	9,606	56.48	1,608	65.51
1897	50,447	17.86	49,154	4.50	39,609	1.71	17,876	32.34	2,782	44.08	1875	35,361	18.96	35,834	4.65	37,237	2.39	9,333	60.10	1,548	71.64
1896	49,205	16.56	47,628	5.09	41,827	1.57	17,849	35.57	2,708	47.23	1874	34,821	19.51	38,377	3.93	36,234	2.33	9,055	64.12	1,485	80.26
1895	51,713	16.84	46,522	6.06	43,414	1.97	17,709	46.63	2,632	60.65	1873	33,830	20.50	39,794	3.60	35,782	2.60	8,767	65.52	1,419	83.49
1894	55,119	17.00	43,652	6.37	44,567	2.64	17,289	60.72	2,550	69.18	1872	33,078	21.64	39,296	3.96	34,312	2.51	8,441	66.54	1,360	86.02
1893	58,126	16.81	45,165	4.65	44,628	2.60	16,846	64.56	2,459	74.31	1871	32,107	24.71	36,688	5.48	34,063	2.10	8,054	70.02	1,305	91.47
1892	59,968	16.49	47,435	4.24	43,882	2.51	16,329	67.19	2,377	76.93	1870	29,821	22.84	33,781	5.64	36,449	1.87	7,633	66.99	1,245	89.71
1891	57,649	16.95	48,130	4.80	42,693	2.29	15,732	69.27	2,322	77.61	1869	30,060	20.74	32,570	4.60	39,802	1.65	7,304	60.48	1,130	78.57
1890	60,014	18.77	44,508	5.80	42,365	2.14	15,064	72.39	2,295	78.95	1868	29,233	18.30	33,304	3.23	43,808	1.83	7,051	52.54	1,057	66.70
1889	59,178	19.39	42,134	5.12	43,011	2.06	14,490	72.03	2,260	79.06	1867	28,636	19.13	34,489	3.95	44,997	2.40	6,820	57.56	1,000	67.73

* Denotes first year for which figures include Alaska and Hawaii.
¹ Includes colts. Beginning 1951, horses and mules combined.
² Includes adjustment for livestock shipped in and inventory changes.
³ December 1, preceding year.
⁴ Horses and ponies.
⁵ Excludes spring-born calves, pigs, lambs, and colts.
⁶ Over 27 months old.
⁷ Government purchases included in figures for all cattle, 1935 and 1934; for hogs, 1933.
⁸ Includes Government purchases.
⁹ Excludes spring-born colts.

Series K 583-594. Meat Slaughtering, Production, and Price: 1899 to 1970

(Prices are those at Chicago. Average price of all grades)

Year	Beef			Veal			Pork			Lamb and mutton		
	Cattle slaughtered ¹	Production, dressed weight	Price of beef steers per cwt.	Calves slaughtered ¹	Production, dressed weight	Price of veal calves per cwt.	Hogs slaughtered ¹	Production, dressed weight	Price of hogs per cwt. ²	Lambs and sheep slaughtered ¹	Production, dressed weight	Price of lambs per cwt.
	583	584	585	586	587	588	589	590	591	592	593	594
	<i>1,000 head</i>	<i>Mil. lb.</i>	<i>Dollars</i>	<i>1,000 head</i>	<i>Mil. lb.</i>	<i>Dollars</i>	<i>1,000 head</i>	<i>Mil. lb.</i>	<i>Dollars</i>	<i>1,000 head</i>	<i>Mil. lb.</i>	<i>Dollars</i>
1970	35,354	21,651	30.20	4,204	588	28.07	86,962	13,427	18.82	10,802	551	28.35
1969	35,574	21,126	30.48	5,010	673	32.20	84,958	12,346	23.09	10,923	550	28.35
1968	35,414	20,846	27.65	5,613	734	32.20	86,401	13,055	18.65	12,119	602	26.02
1967	34,295	20,184	25.97	6,107	792	32.20	83,421	12,572	18.88	13,034	646	23.48
1966	34,171	19,694	26.17	6,861	910	32.20	75,325	11,328	22.61	13,003	650	25.00
1965	33,171	18,699	25.81	7,788	1,020	28.07	76,394	11,182	20.78	13,300	651	24.29
1964	31,678	18,429	22.86	7,632	1,013	28.07	86,284	12,503	14.89	14,895	715	21.93
1963	28,070	16,428	23.79	7,204	929	28.07	87,117	12,419	15.03	16,147	770	18.69
1962	26,911	15,298	27.20	7,857	1,015	28.07	83,424	11,819	16.44	17,168	808	19.45
1961	26,471	15,300	24.46	8,080	1,044	28.07	81,970	11,399	16.71	17,537	832	17.07
1960	26,029	14,728	25.93	8,615	1,109	28.07	84,150	11,598	15.50	16,240	763	19.26
1959	23,723	13,580	27.53	8,072	1,008	31.91	87,606	11,993	14.12	15,528	738	20.93
1958	24,368	13,330	27.09	9,738	1,186	32.20	76,822	10,464	19.80	14,495	688	22.58
1957	27,068	14,202	23.48	12,353	1,526	25.93	78,636	10,424	17.89	15,292	707	22.37
1956	27,755	14,462	22.00	12,999	1,632	23.62	85,064	11,200	14.35	16,328	741	21.12
1955	26,587	13,569	22.59	12,864	1,578	24.80	81,051	10,990	14.80	16,553	758	20.95
1954	25,889	12,963	24.23	13,270	1,647	23.07	71,495	9,870	21.32	16,255	734	21.59
1953	24,465	12,407	23.62	12,200	1,546	25.04	74,868	10,006	21.65	16,821	729	22.46
1952	18,625	9,650	32.38	9,358	1,169	34.42	86,572	11,527	17.94	14,804	648	26.76
1951	17,084	8,837	35.72	8,902	1,059	37.19	85,540	11,481	20.12	11,416	521	34.31

See footnotes at end of table.

CROPS AND LIVESTOCK

K 583-594

Series K 583-594. Meat Slaughtering, Production, and Price: 1899 to 1970—Con.

Year	Beef			Veal			Pork			Lamb and mutton		
	Cattle slaughtered ¹	Production, dressed weight	Price of beef steers per cwt.	Calves slaughtered ¹	Production, dressed weight	Price of veal calves per cwt.	Hogs slaughtered ¹	Production, dressed weight	Price of hogs per cwt. ²	Lambs and sheep slaughtered ¹	Production, dressed weight	Price of lambs per cwt.
	583	584	585	586	587	588	589	590	591	592	593	594
	1,000 head	Mil. lb.	Dollars	1,000 head	Mil. lb.	Dollars	1,000 head	Mil. lb.	Dollars	1,000 head	Mil. lb.	Dollars
1950	18,614	9,584	29.35	10,501	1,230	81.08	79,263	10,714	18.20	13,244	597	27.54
1949	18,765	9,439	25.80	11,398	1,334	27.64	74,997	10,286	18.12	13,780	603	25.54
1948	19,177	9,075	30.88	12,378	1,423	29.02	70,869	10,055	23.14	17,371	747	25.04
1947	22,404	10,492	25.83	13,726	1,605	24.98	74,001	10,502	24.45	18,706	799	22.63
1946	19,824	9,373	19.16	12,176	1,443	16.87	76,115	11,186	18.40	22,788	968	18.40
1945	21,694	10,276	16.18	13,657	1,664	15.12	71,891	10,697	14.66	24,639	1,054	14.90
1944	19,844	9,112	15.44	14,242	1,738	14.86	98,068	13,304	13.57	25,355	1,024	14.52
1943	17,845	8,571	15.30	9,940	1,167	15.18	95,226	13,640	14.31	27,073	1,104	14.91
1942	18,033	8,843	13.79	9,718	1,151	14.48	78,547	10,876	13.70	25,585	1,042	13.82
1941	16,419	8,082	11.33	9,252	1,036	12.18	71,397	9,528	9.45	22,309	923	11.28
1940	14,958	7,175	10.43	9,089	981	10.61	77,610	10,044	5.71	21,571	876	9.66
1939	14,621	7,011	9.75	9,191	991	9.82	66,561	8,660	6.57	21,614	872	9.33
1938	14,822	6,908	9.39	9,306	994	9.00	58,927	7,680	8.09	22,423	897	8.50
1937	15,254	6,798	11.47	10,304	1,108	10.07	53,715	6,951	10.02	21,455	852	10.78
1936 ³	15,897	7,358	8.82	10,008	1,075	9.30	58,730	7,474	9.89	21,555	854	9.91
1935 ⁴	14,566	6,608	10.26	9,580	1,023	8.88	46,011	5,919	9.27	22,000	877	9.02
1934 ⁵	15,071	6,843	6.76	10,106	1,246	6.10	68,760	8,397	4.65	20,444	851	8.01
1933 ⁶	13,107	6,440	5.42	8,564	891	5.88	73,270	9,234	3.94	21,833	852	6.85
1932	11,980	5,789	6.70	7,970	822	6.21	71,425	8,923	3.83	23,043	884	5.92
1931	12,096	6,009	8.06	8,057	823	8.33	69,233	8,739	6.16	23,133	885	7.26
1930	12,056	5,917	10.95	7,761	792	11.51	67,272	8,482	9.47	21,125	825	9.69
1929	12,038	5,871	13.43	7,406	761	14.76	71,012	8,833	10.16	17,483	682	14.62
1928	12,028	5,771	13.91	7,651	773	14.56	72,889	9,041	9.22	17,076	663	14.99
1927	13,413	6,395	11.36	8,478	867	12.90	66,195	8,430	9.95	16,113	629	14.12
1926	14,781	7,089	9.47	9,354	955	11.61	62,585	7,966	12.34	16,444	639	14.26
1925	14,704	6,878	10.16	9,936	989	10.87	65,508	8,128	11.81	15,430	603	15.66
1924	14,750	6,877	9.24	9,804	972	9.86	76,809	9,149	8.11	15,578	597	14.57
1923	14,283	6,721	9.40	9,327	916	9.66	77,508	9,483	7.55	15,146	588	13.89
1922	13,706	6,588	8.65	8,832	852	9.15	66,201	8,145	9.22	14,373	553	13.68
1921	12,428	6,022	8.20	8,394	820	9.36	61,818	7,697	8.51	16,742	639	9.86
1920	13,470	6,306	13.30	8,481	842	14.58	61,502	7,648	13.91	13,984	538	14.60
1919	15,027	6,756	15.50	8,201	819	16.83	65,795	8,477	17.85	15,784	590	16.00
1918	17,093	7,726	14.65	7,485	760	15.75	65,100	8,349	17.45	13,220	506	16.60
1917	15,741	7,239	11.60	7,372	744	13.78	56,500	7,055	15.10	12,128	463	15.60
1916	13,793	6,460	9.50	6,628	655	10.98	67,000	8,207	9.60	15,160	585	10.75
1915	12,901	6,075	8.40	6,054	590	10.08	62,000	7,616	7.10	15,576	605	9.00
1914	12,676	6,017	8.65	5,927	569	10.10	55,000	6,824	8.30	18,035	693	8.00
1913	12,939	6,182	8.25	6,305	608	10.20	57,000	6,979	8.35	18,375	706	7.70
1912	13,386	6,234	7.75	6,828	662	8.94	55,500	6,822	7.55	19,131	735	7.20
1911	13,817	6,549	6.40	6,855	666	7.91	57,000	6,961	6.70	18,177	693	5.95
1910	14,140	6,647	6.80	6,917	667	8.25	48,215	6,087	8.90	15,332	597	7.55
1909	14,135	6,915	6.35	6,864	660	7.10	54,986	6,567	7.35	15,464	608	7.40
1908	13,569	6,662	6.10	6,546	637	6.50	63,463	7,595	5.70	14,200	559	6.35
1907	13,886	6,544	5.80	6,395	626	6.40	56,527	7,059	6.10	13,799	553	7.05
1906	13,456	6,537	5.30	6,187	598	6.25	54,698	6,793	6.25	13,800	543	6.85
1905	13,096	6,504	5.05	5,731	556	5.75	54,433	6,629	5.25	13,100	530	6.80
1904	12,257	6,176	4.95	5,076	491	5.60	52,072	6,387	5.15	13,100	538	5.60
1903	12,266	6,240	4.80	5,044	492	6.20	48,548	6,067	6.00	13,800	563	5.45
1902	11,751	5,649	6.20	4,854	476	6.35	48,306	5,936	6.85	13,700	564	5.50
1901	11,526	5,814	5.25	4,318	422	5.61	53,898	6,357	5.85	13,200	548	4.80
1900	10,792	5,628	5.15	4,105	397	-----	51,885	6,329	5.05	12,000	493	-----
1899	-----	5,522	5.30	-----	387	-----	-----	6,310	4.05	-----	487	-----

¹ Includes inspected, noninspected, retail, and farm slaughter.² Excludes processing tax of \$0.50 per 100 pounds from Nov. 5-30, 1933; \$1.00 from Dec. 1, 1933-Jan. 31, 1934; \$1.50 from Feb. 1-23, 1934; and \$2.25 from Mar. 1, 1934-Jan. 6, 1936.³ Excludes cattle and calves purchased for slaughter for Federal Surplus Relief

Corporation from June 1934-Feb. 1935 and for Aug. 1936; excludes also cattle thus purchased for Sept. 1936.

⁴ Includes slaughter under the Emergency Government Relief Purchase Program in 1934-1935.⁵ Excludes purchases on Government account for the Emergency Hog Production Control Program from Aug. 22-Oct. 7, 1933.

Series K 595-608. Cows Kept for Milk on Farms, Milk Produced, Manufactured Dairy Products, Prices Received by Farmers, and Wholesale Prices of Cheese and Butter: 1830 to 1970

[Census figures in italics]

Year	Cows and heifers 2 years old and over kept for milk, Jan. 1		Milk produced on farms during year	Production of dairy products				Milk equivalent of manufactured dairy products ⁴	Prices received by farmers				Wholesale prices	
	Number	Value per head		Butter ¹	Cheese ²	Evaporated and condensed milk ³	Ice cream		Butter, per pound	Milkfat in cream, per pound	Whole milk		Cheese, American twins, per pound ⁵	Butter at New York, per pound ⁶
											Wholesale, per 100 pounds	Retail, per quart		
595	596	597	598	599	600	601	602	603	604	605	606	607	608	
	<i>1,000 head</i>	<i>Dollars</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million gallons</i>	<i>Million pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	
1970	13,838	300.00	117,149	1,143	2,204	1,517	763	60,330	69.6	5.71	27.1	54.6	70.4	
1969	11,175	270.00	116,345	1,129	1,990	1,776	766	58,499	68.9	5.49	25.9	51.5	68.5	
1968	14,644	251.00	117,234	1,175	1,938	1,800	773	59,664	68.4	5.24	24.8	47.3	67.8	
1967	15,198	247.00	118,769	1,238	1,919	1,886	745	60,062	68.2	5.02	24.0	45.1	67.5	
1966	15,987	208.00	119,892	1,128	1,854	2,196	751	58,234	67.2	4.81	23.2	45.9	67.2	
1965	16,981	188.00	124,173	1,346	1,755	2,178	757	62,240	61.1	4.23	22.3	38.3	61.0	
1964	17,647	194.00	126,967	1,469	1,724	2,395	739	65,133	60.2	4.15	22.3	37.6	59.9	
1963	18,379	206.00	125,202	1,454	1,632	2,369	718	63,410	59.5	4.10	22.2	36.6	59.0	
1962	18,963	212.00	126,251	1,579	1,592	2,409	704	65,056	59.4	4.09	21.9	(NA)	59.4	
1961	*19,271	*208.00	125,707	1,536	1,635	2,632	699	64,695	61.5	4.22	21.7	37.2	61.2	
1960	19,527	210.00	*123,109	*1,436	*1,478	*2,666	*700	61,088	60.5	*4.21	*21.7	36.4	59.9	
1959	16,522	221.00	121,989	1,411	1,383	2,743	699	60,010	60.1	4.16	21.5	33.2	60.6	
1958	20,132	221.00	121,989	1,411	1,383	2,743	699	60,010	60.1	4.16	21.5	33.2	60.6	
1957	21,265	177.00	123,220	1,486	1,399	2,752	658	60,847	59.3	4.18	21.3	33.7	59.7	
1956	22,325	147.00	124,628	1,533	1,407	2,872	651	61,640	60.6	4.21	21.3	34.8	60.7	
1955	22,912	139.00	124,860	1,553	1,388	2,953	641	62,220	59.4	4.14	21.0	34.3	59.9	
1954	23,462	134.00	122,945	1,545	1,367	2,922	629	61,272	57.8	4.01	20.8	33.1	58.2	
1953	23,896	147.00	122,094	1,628	1,383	2,845	597	62,266	58.7	3.97	20.6	33.9	60.5	
1952	23,549	203.00	120,221	1,607	1,344	2,875	605	61,492	66.5	4.32	20.6	37.2	66.6	
1951	23,060	252.00	114,671	1,402	1,170	3,165	593	55,783	75.0	4.85	20.8	40.3	73.0	
1950	23,568	219.00	114,681	1,443	1,161	3,228	569	56,349	60.8	71.2	19.9	38.9	69.9	
1949	21,233	177.00	116,602	1,648	1,191	3,205	554	60,330	56.8	62.0	3.89	18.5	31.9	
1948	23,853	193.00	116,103	1,688	1,199	3,106	558	60,764	58.0	61.6	3.95	18.6	30.4	
1947	24,615	184.00	112,671	1,504	1,098	3,755	576	57,669	66.7	79.9	4.88	18.8	40.7	
1946	25,842	145.00	116,814	1,640	1,183	3,630	631	61,716	63.3	71.8	4.27	17.5	36.0	
1945	26,521	112.00	117,697	1,502	1,106	3,333	714	58,325	58.3	64.3	3.99	15.2	34.8	
1944	22,803	99.40	119,828	1,699	1,117	4,126	477	61,859	45.3	50.3	3.19	13.4	23.2	
1943	27,770	102.00	117,023	1,818	1,017	3,750	445	61,566	43.8	50.3	3.21	13.2	23.2	
1942	27,704	99.50	117,017	2,015	993	3,344	412	63,724	43.7	49.9	3.12	12.7	23.2	
1941	26,313	77.90	118,533	2,130	1,112	3,782	464	67,996	35.2	39.6	2.58	11.8	21.6	
1940	25,453	60.90	115,088	2,268	956	3,555	390	67,832	30.4	34.2	2.19	10.8	19.4	
1939	21,937	57.30	109,412	2,240	785	2,731	318	62,845	26.6	28.0	(NA)	10.3	14.3	
1938	24,940	56.78	106,782	2,310	710	2,907	300	60,455	23.0	23.9	1.69	10.3	12.5	
1937	24,666	54.52	105,897	2,252	726	2,322	286	60,989	26.6	26.3	1.73	10.3	12.6	
1936	24,649	50.45	101,908	2,135	653	2,131	291	57,548	29.6	33.3	1.99	10.5	15.9	
1935	25,196	49.32	102,410	2,168	650	2,270	259	58,250	28.8	32.2	1.88	10.1	15.3	
1934	21,582	30.17	101,205	2,211	628	2,032	219	57,881	26.7	28.1	1.72	9.8	14.3	
1933	26,082	27.00	101,621	2,286	587	1,908	192	58,479	22.7	22.7	1.55	9.4	11.8	
1932	25,936	29.18	104,762	2,375	548	1,899	162	59,557	20.1	18.8	1.39	8.6	10.2	
1931	24,896	39.51	103,810	2,307	491	1,780	168	57,433	20.8	17.9	1.23	8.9	10.0	
1930	23,820	57.03	103,029	2,239	499	1,682	226	56,686	27.2	24.8	1.69	10.1	12.5	
1929	21,124	82.70	100,158	2,149	510	1,761	255	55,581	36.3	34.5	2.21	11.3	16.4	
1928	22,440	83.89	98,988	2,184	499	1,849	277	56,625	42.2	45.2	2.53	11.5	20.2	
1927	22,231	73.38	95,843	2,120	479	1,604	254	54,261	42.6	46.1	2.52	11.5	22.1	
1926	22,251	59.15	95,172	2,188	462	1,576	251	55,409	41.5	44.5	2.51	11.3	22.7	
1925	22,410	54.65	93,325	2,132	468	1,456	238	53,902	40.9	41.6	2.38	11.3	20.1	
1924	20,900	48.94	90,699	2,082	503	1,548	240	53,434	40.5	42.4	2.38	11.2	21.5	
1923	22,331	49.91	89,240	2,066	474	1,507	213	52,417	39.5	40.4	2.22	11.1	18.2	
1922	22,138	48.65	88,240	1,993	471	1,555	214	52,204	40.4	42.2	2.49	10.9	22.1	
1921	21,851	48.68	87,240	1,970	432	1,281	191	48,629	35.3	35.9	2.11	10.4	19.3	
1920	21,456	61.19	86,240	1,748	434	1,324	175	45,759	37.0	37.0	2.30	11.2	18.3	
1919	19,675	81.51	85,240	1,574	423	1,416	171	42,446	54.3	55.5	3.22	12.8	24.9	
1918	21,545	78.37	84,240	1,647	486	1,883	153	45,388	50.3	53.3	3.29	11.9	29.0	
1917	21,536	70.63	83,240	1,503	415	1,619	143	40,077	42.7	45.4	2.96	10.6	25.9	
1916	21,212	59.51	82,240	1,644	472	1,391	106	44,010	35.9	38.0	2.38	8.9	22.5	
1915	20,752	53.81	81,240	1,798	422	1,196	94	45,927	28.0	29.4	1.73	7.4	17.5	
1914	20,270	55.30	80,240	1,751	440	1,028	72	44,677	25.7	25.9	1.58	7.1	14.2	
1913	19,821	53.91	79,240	1,685	367	883	72	42,101	25.1	25.5	1.60	7.2	14.6	
1912	19,580	45.04	78,240	1,603	359	787	72	40,010	26.7	27.4	1.61	7.1	14.3	
1911	19,517	39.42	77,240	1,592	323	701	72	38,963	25.7	26.7	1.59	6.9	15.6	
1910	19,422	40.07	76,240	1,762	345	624	72	42,464	22.9	23.2	1.52	6.7	12.7	

See footnotes at end of table.

Series K 595-608. Cows Kept for Milk on Farms, Milk Produced, Manufactured Dairy Products, Prices Received by Farmers, and Wholesale Prices of Cheese and Butter: 1830 to 1970—Con.

[Census figures in italics]

Year	Cows and heifers 2 years old and over kept for milk, Jan. 1		Milk produced on farms during year	Production of dairy products				Milk equivalent of manu- factured dairy products ⁴	Prices received by farmers				Wholesale prices	
	Number	Value per head		Butter ¹	Cheese ²	Eva- porated and condensed milk ³	Ice cream		Butter, per pound	Milkfat in cream, per pound	Whole milk		Cheese, American twins, per pound ⁵	Butter at New York, per pound ⁶
											Whole- sale, per 100 pounds	Retail, per quart		
	595	596		597	598	599	600		601	602	603	604	605	606
<i>1,000 head</i>	<i>Dollars</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million gallons</i>	<i>Million pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	
1910	20,685													
1910	19,450	35.40		1,706	355			41,132	25.5	25.4	1.58	6.6	14.7	31.1
1909	19,201	32.09	64,211	1,622	313	556		38,715	24.0	25.5		6.4	14.6	29.9
1908	18,992	30.48		1,763	313	450	30	41,439					12.2	27.6
1907	18,629	30.63		1,537	286	410		36,290					13.4	28.1
1906	18,230	29.34		1,545	292	373		36,403					11.8	24.6
1905	17,823	27.19		1,667	327	339		39,210					11.7	24.6
1904	17,485	29.00		1,540	331	308	12	36,468					9.3	21.7
1903	17,217	30.06		1,485	323	279		35,159					11.1	23.4
1902	16,992	29.08		1,401	318	252		33,248					11.2	24.7
1901	16,708	29.88		1,575	362	228		37,280					9.8	21.4
1900	17,196													
1900	16,544	31.30		1,540	324	207		36,106					10.0	22.2
1899	16,094	29.46	62,486	1,493	299	187		34,806					10.6	21.3
1898	15,641	27.34		1,473	281		5	34,145					7.6	19.6
1897	15,382	23.80		1,533	311			35,640					8.5	19.0
1896	15,266	22.53		1,604	240			36,385					7.7	18.5
1895	15,230	22.11		1,297	234			29,828					7.4	21.2
1894	15,237	21.86		1,063	257			25,113					10.2	23.0
1893	15,164	21.90		1,047	254			24,718					9.6	27.1
1892	15,177	21.53		1,053	318			25,561					9.3	26.3
1891	15,133	21.73		1,091	293			25,990					8.9	26.2
1890	16,512													
1890	15,000	22.30		1,171	313			27,906					9.0	23.7
1889	14,706	24.03	44,807	1,292	301	45	1	30,260					8.7	24.4
1888	14,350	24.82		973	286			23,494					8.1	27.5
1887	13,888	25.23		973	263			23,301					10.8	26.7
1886	13,478	27.52		989	244			23,283					9.6	26.8
1885	13,213	29.88		933	260			22,258					8.7	26.6
1884	12,883	31.58		869	275			21,061					11.1	30.3
1883	12,571	30.47		844	281			20,584					11.0	31.2
1882	12,234	26.12		743	261			18,248					11.9	35.6
1881	11,977	23.82		803	304			19,934					12.4	31.8
1880	12,443													
1880	11,754	23.31		816	270			19,861					12.5	30.5
1879	11,486	21.55		807	243	13	(Z)	19,402					8.0	24.2
1878	11,222	25.70		726	303			18,307						27.3
1877	11,004	25.14		696	235			16,995						28.5
1876	10,821	25.20		677	214			16,390						31.3
1875	10,714	25.29		556	233			14,029						32.8
1874	10,562	25.20		585	206			14,347						36.2
1873	10,348	26.32		566	212			14,029						35.4
1872	10,191	29.18		434	187			10,997						32.0
1871	9,941	33.62		470	164			11,527						33.6
1870	8,985													
1870	9,672	31.89		412	181			10,472						38.1
1869	9,205	23.86		514	163	4	(Z)	12,434						43.3
1868	8,705	26.96												44.7
1867	8,263	29.40												34.8
1866														42.7
1865														39.8
1864														43.7
1863														28.2
1862														20.9
1861														19.4
1860	8,560													
1860														21.9
1859				460	104		(Z)	10,690						23.9
1858														23.8
1857														25.7
1856														25.8
1855														26.4
1854														23.0
1853														23.0
1852														23.6
1851														18.4

See footnotes at end of table.

Series K 595-608. Cows Kept for Milk on Farms, Milk Produced, Manufactured Dairy Products, Prices Received by Farmers, and Wholesale Prices of Cheese and Butter: 1830 to 1970—Con.

[Census figures in italics]

Year	Cows and heifers 2 years old and over kept for milk, Jan. 1, number	Production of dairy products		Milk equivalent of manufactured dairy products ⁴	Wholesale price, butter at New York, per pound ⁶	Year	Wholesale price, butter at New York, per pound ⁶	Year	Wholesale price, butter at New York, per pound ⁶	Year	Wholesale price, butter at New York, per pound ⁶
		Butter ¹	Cheese ²								
		595	598								
	1,000 head	Million pounds	Million pounds	Million pounds	Cents		Cents		Cents		Cents
1850	6,385					1845	17.7	1840	17.4	1835	19.2
1850					19.6	1844	15.2	1839	22.9	1834	14.4
1849		313	106	7,636	18.9	1843	13.3	1838	23.4	1833	15.8
1848					20.1	1842	16.5	1837	21.6	1832	15.2
1847					20.7	1841	18.6	1836	23.9	1831	14.9
1846					16.7					1830	13.9

* Denotes first year for which figures include Alaska and Hawaii.
 NA Not available. Z Less than 500,000 gallons.
¹ Farm and factory production combined.
² Includes all types of cheese except cottage, pot, and bakers' cheese; full-skim American cheese excluded since 1908. Farm output not estimated since 1926.
³ For 1919-1970 includes all evaporated and condensed whole milk as compiled by the former Bureau of Agricultural Economics and Agricultural Marketing Service. Prior to 1919, includes total production of all condensed and evaporated milk as interpolated from census enumerations.
⁴ For 1849-1923, computed from data on estimated production of manufactured dairy products, using average milk equivalent factors; 1924-1970, as published by Agricultural Marketing Service. Data include farm butter.
⁵ On Wisconsin cheese exchange, based on weekly prices established on Friday each week. Beginning 1950, data for cheddar cheese only.
⁶ Annual averages of monthly figures from sources and for grades as follows: 1830-1879, average of high and low for 2 days each week, high grade, New York shipping and commercial list; 1880-1895 average of monthly range, creamery extras, annual reports of New York Chamber of Commerce; 1896-1920, average of daily quotations for extra fresh, specials, extras and firsts, or fresh extras, *New York Produce Review and American Creamery*, published by Urner-Barry Company; 1921-1970, 92 score creamery, daily market reports of U.S. Department of Agriculture.
⁷ Beginning 1959, census figures include Alaska and Hawaii.
⁸ September figure shown because annual averages were not available.

Series K 609-623. Poultry and Eggs—Number, Production, and Price: 1909 to 1970

[Census figures in italics and as of April 15, 1910; April 1, 1930, 1940, 1950, and 1954; January 1, 1920, 1925, 1935, and 1945; October-November, 1959; November-December, 1964; and December 31, 1969]

Year	Chickens					Broilers			Eggs		Turkeys				
	Number, Jan. 1	Value per head, Jan. 1	Number produced	Pounds produced	Price per pound ¹	Number produced	Pounds produced	Price per pound ¹	Number produced	Price per dozen ¹	Number, Jan. 1	Value per head, Jan. 1	Number produced	Pounds produced	Price per pound ¹
	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623
	Millions	Dollars	Millions	Millions	Cents	Millions	Millions	Cents	Millions	Cents	Millions	Dollars	Millions	Millions	Cents
1970	494	1.95	207	1,107	8.8	2,967	10,810	18.6	70,312	37.6	6,760	5.50	116	2,124	22.7
1969	371	1.31													
1969	420	1.21	253	1,146	9.7	2,789	10,048	15.2	69,086	40.0	6,604	4.95	106	2,020	22.4
1968	425	1.14	248	1,158	8.2	2,620	9,326	14.2	69,270	34.0	7,301	4.65	106	2,010	20.5
1967	429	1.20	265	1,246	7.9	2,592	9,183	13.3	70,081	31.2	7,817	5.13	126	2,343	19.7
1966	398	1.21	282	1,278	9.7	2,571	8,989	15.3	66,434	39.1	6,905	5.26	116	2,123	23.1
1965	394	1.17	240	1,135	8.9	2,334	8,111	15.0	65,692	33.7	6,105	4.40	106	1,915	22.2
1964	343	1.17													
1964	382	1.16	255	1,170	9.2	2,161	7,521	14.2	65,215	33.8	5,996	4.28	101	1,826	21.0
1963	376	1.16	254	1,147	10.0	2,102	7,276	14.6	63,500	34.5	6,374	4.40	94	1,686	22.3
1962	377	1.15	257	1,157	10.2	2,023	6,907	15.2	63,569	33.8	6,423	3.79	92	1,626	21.6
1961	366	1.25	275	1,224	10.1	1,991	6,832	13.9	62,423	35.6	7,003	4.91	107	1,871	18.9
1960	369	1.06	260	1,142	12.2	1,795	6,017	16.9	61,602	36.1	5,633	4.89	84	1,489	25.4
1959	357	1.06													
1959	387	1.28	311	1,346	11.0	1,787	5,763	16.1	63,335	31.4	6,105	4.65	84	1,433	23.9
1958	374	1.26	344	1,490	14.0	1,660	5,431	18.5	61,607	38.5	5,612	4.67	79	1,356	23.9
1957	391	1.17	310	1,339	13.7	1,448	4,633	18.9	61,026	35.9	5,828	5.05	81	1,356	23.4
1956	384	1.26	386	1,639	16.0	1,844	4,270	19.6	61,113	39.3	4,937	5.50	77	1,274	27.2
1955	391	1.05	375	1,623	18.6	1,092	3,350	25.2	59,526	39.5	4,917	5.33	65	1,091	30.2
1954	376	1.04													
1954	397	1.43	455	1,943	16.8	1,048	3,236	23.1	58,933	36.6	4,956	6.32	68	1,161	28.8
1953	398	1.41	464	2,046	22.1	947	2,904	27.1	57,891	47.7	5,086	6.15	60	1,008	33.7
1952	427	1.53	473	2,025	22.1	861	2,624	28.8	58,068	41.6	5,725	6.99	62	1,049	33.6
1951	431	1.46	540	2,312	25.0	789	2,415	28.5	58,063	47.7	5,037	6.48	53	950	37.5

See footnotes at end of table.

CROPS AND LIVESTOCK

K 609-623

Series K 609-623. Poultry and Eggs—Number, Production, and Price: 1909 to 1970—Con.

[Census figures in *italics* and as of April 15, 1910; April 1, 1930, 1940, 1950, and 1954; January 1, 1920, 1925, 1935, and 1945; October-November, 1959; November-December, 1964; and December 31, 1969]

Year	Chickens					Broilers			Eggs		Turkeys				
	Number, Jan. 1	Value per head, Jan. 1	Number produced	Pounds produced	Price per pound ¹	Number produced	Pounds produced	Price per pound ¹	Number produced	Price per dozen ¹	Number, Jan. 1	Value per head, Jan. 1	Number produced	Pounds produced	Price per pound ¹
	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623
	<i>Millions</i>	<i>Dollars</i>	<i>Millions</i>	<i>Millions</i>	<i>Cents</i>	<i>Millions</i>	<i>Millions</i>	<i>Cents</i>	<i>Millions</i>	<i>Cents</i>	<i>Millions</i>	<i>Dollars</i>	<i>Millions</i>	<i>Millions</i>	<i>Cents</i>
1950	348	1.09									2,849	4.51			
1950	457	1.36	535	2,310	22.2	631	1,945	27.4	58,954	36.3	5,124	6.34		817	32.9
1949	431	1.66	623	2,643	25.4	513	1,570	28.2	56,154	45.2	4,622	8.80	44	769	35.2
1948	500	1.44	536	2,289	30.1	371	1,127	36.0	54,899	47.2	3,959	6.97	31	574	46.8
1947	467	1.44	636	2,668	26.6	310	936	32.3	55,364	45.3	5,879	6.54	34	611	36.5
1946	523	1.27	646	2,715	27.6	293	884	32.7	55,962	37.6	7,862	5.75	40	714	36.3
1945	433	1.23													
1945	516	1.21	799	3,315	25.9	866	1,107	29.5	56,221	37.7	7,082	5.79	42	740	33.7
1944	582	1.18	725	3,009	23.7	274	818	28.8	58,537	32.5	7,294	5.35	35	584	33.9
1943	542	1.04	914	3,679	24.3	285	833	28.6	54,547	37.1	6,584	4.47	31	509	32.7
1942	477	.83	752	3,005	18.3	228	674	22.9	48,610	30.0	7,447	3.08	32	522	27.5
1941	423	.65	664	2,586	15.6	192	559	18.4	41,894	23.5	7,150	2.27	32	512	19.9
1940	338	.56									4,362	1.71			
1940	438	.60	556	2,158	13.0	143	413	17.3	39,707	18.0	8,569	2.14	33	502	15.2
1939	419	.70	621	2,338	13.2	106	306	17.0	38,843	17.4	6,489	2.66	33	494	15.7
1938	390	.76	588	2,185	14.8	82	239	19.0	37,356	20.3	6,096	2.49	27	395	17.5
1937	424	.68	533	2,032	16.0	68	196	21.4	37,564	21.3	6,358	2.06	25	376	18.1
1936	403	.75	651	2,410	15.0	53	152	20.6	34,534	21.8	5,731	2.32	28	405	15.6
1935	372	.52									5,322	2.17			
1935	390	.54	598	2,210	14.9	43	123	20.0	33,609	23.4	5,499	2.18	20	298	20.1
1934	434	.42	578	2,105	11.1	34	97	19.3	34,429	17.0	6,309	1.43	21	300	15.1
1933	445	.45	685	2,524	9.5				35,514	13.8	6,852	1.41	23	319	11.6
1932	437	.62	673	2,489	11.7				36,298	14.2	5,945	2.43	22	303	12.8
1931	450	.70	647	2,368	15.8				38,532	17.6	5,318	2.60	18	244	19.3
1930	379	.85													
1930	468	.93	714	2,553	18.4				39,067	23.7	5,969	3.00	17	228	20.2
1929	449	.91	692	2,506	22.8				37,921	29.8	5,541	3.55	18	239	24.5
1928	475	.86	640	2,316	21.4				38,659	28.1					
1927	461	.91	694	2,507	20.2				38,627	25.1					
1926	438	.89	665	2,409	22.1				37,248	28.9					
1925	409	.93													
1925	435	.79	626	2,275	20.5				34,969	30.4					
1924	435	.76	605	2,197	19.4				34,592	26.7					
1923	415	.75	610						35,000	26.3					
1922	395	.81	585						33,000	25.0					
1921	370	.89	556						30,800	28.3					
1920	360	1.04									3,627				
1920	381	.97	514						29,700	43.5					
1919	391	.96	527						30,500	41.3					
1918	363	.77	543						28,000	36.0					
1917	359	.59	509						27,700	31.8					
1916	369	.49	501						28,800	22.1					
1915	379	.46	514						29,900	19.4					
1914	307	.40	391						27,000	30.5					
1913	365	.47	514						28,100	19.4					
1912	367	.42	513						28,300	20.2					
1911	382	.46	517						29,400	17.5					
1910	280	.50									3,639				
1910	356	.47	543						27,000	20.9					
1909	340	.44	498						25,300	20.0					

¹ Average annual price received by farmers.

² Beginning 1961, Department of Agriculture data include Alaska and Hawaii.

³ Beginning 1959, census data include Alaska and Hawaii.

⁴ Data for October-November 1954.