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COSTS AND RETURNS

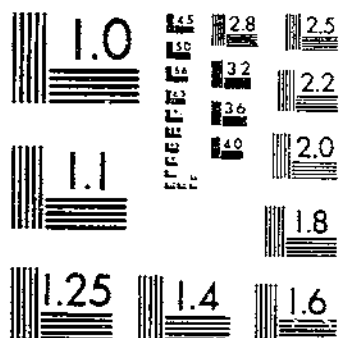
COMMERCIAL FAMILY-OPERATED FARMS BY TYPE

1930-1951

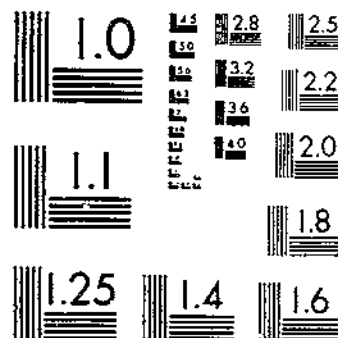
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# COSTS and RETURNS

Commercial Family-Operated  
Farms by Type and Size  
1930 - 1951

UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL RESEARCH SERVICE, WASHINGTON, D. C.

## CONTENTS

	PAGE
INTRODUCTION.....	1
Source and adequacy of data, and procedure.....	3
TERMS USED.....	5
Commercial family-operated farms.....	5
Total land in farm or ranch.....	5
Cropland harvested.....	6
Total labor used.....	6
Total farm capital.....	6
Cash receipts.....	6
Cash expenditures.....	6
Net cash farm income.....	6
Value of perquisites.....	6
Change in inventory.....	6
Crops and livestock.....	6
Machinery and buildings.....	7
Net farm income.....	7
Charge for capital.....	7
Return to operator and family labor.....	7
Purchasing power in 1937-41 dollars.....	7
Return per hour in current dollars.....	7
INDEX NUMBERS.....	7
Gross farm income.....	8
Net farm income.....	8
Net farm production.....	8
Production per hour of man labor.....	12
Operating expense per unit of production.....	12
Total cost per unit of production.....	12
Production per unit of input.....	12
Power and machinery, January 1.....	13
Crop yields per acre.....	14
Prices received for products sold.....	14
Prices paid, including wages paid to hired labor.....	14

## GUIDE TO TABLES

	PAGE		PAGE
<b>DAIRY FARMS:</b>			
Central Northeast.....	16	Delta:	
Eastern Wisconsin.....	18	Small.....	45
Western Wisconsin.....	20	Large-scale.....	47
<b>CORN BELT FARMS:</b>		<b>SPRING WHEAT FARMS (Northern Plains):</b>	
Hog-dairy.....	22	Wheat-small grain-livestock.....	48
Hog-beef raising.....	24	Wheat-corn-livestock.....	50
Hog-beef fattening.....	26	Wheat-roughage-livestock.....	52
Cash grain.....	28	 	
<b>TOBACCO FARMS:</b>		<b>WINTER WHEAT FARMS:</b>	
Tobacco-livestock (Kentucky).....	30	Southern Plains.....	54
Tobacco-cotton (North Carolina).....	32	Wheat-pea (Washington and Idaho).....	56
Tobacco farms (small).....	35	 	
Tobacco-cotton farms (large).....	36	<b>SHEEP RANCHES:</b>	
<b>COTTON FARMS:</b>		<b>CATTLE RANCHES:</b>	
Southern Piedmont.....	38	Northern Plains.....	62
Black Prairie, Texas.....	40	Intermountain region.....	64
High Plains, Texas (nonirrigated)....	42	Southwest.....	66
High Plains, Texas (irrigated).....	44		

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W. Herbert Brown, Herbert C. Fowler, James R. Gray, Harold R. Hochmuth, Erling Hole, Edgar B. Hurd, Emil Rauchenstein, and James Vermeer analyzed data for specific types of farms. Isabel Jenkins assisted greatly in the summarizing of the data.

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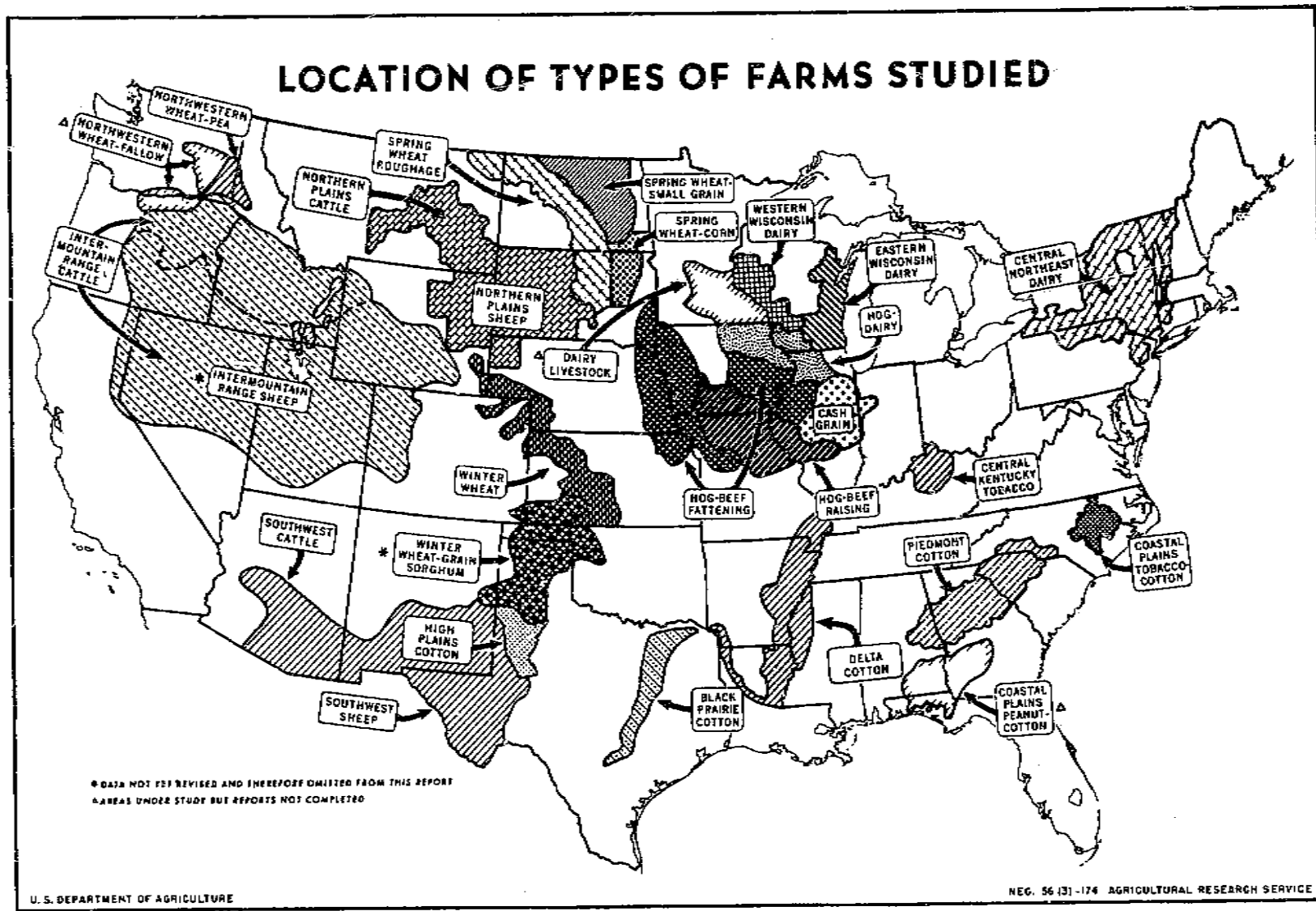


FIGURE 1

# COSTS AND RETURNS, COMMERCIAL FAMILY-OPERATED FARMS, BY TYPE AND SIZE, 1930-1951

By Wylie D. Goodsell, Agricultural Economist  
Production Economics Research Branch  
Agricultural Research Service

## INTRODUCTION

This report gives summary statistics on 27 important types and sizes of farms in 15 major farming areas in the United States. Twenty-three of the series represent average commercial family-operated farms of a particular type located within comparatively homogeneous farming areas. Four series pertain to "size-type" commercial family-operated farms. These are farms that are smaller or larger than average commercial family-operated farms and on the basis of size represent only part of the range of commercial family-operated farms. These so called "size-type" farms include the large-scale and small cotton farms in the Mississippi Delta area and the small tobacco and large tobacco-cotton farms in the Coastal Plains of North Carolina. The location of each type of farm studied and reported here is shown in figure 1.

The series on some types of farms begin with 1930. Others begin with 1935, 1937, 1940, 1943, or 1944, depending on the time the study was undertaken, the accessibility of data, whether or not estimates for earlier years would be worth the extra cost, and whether or not at the beginning date farmers and ranchers were experiencing unusual weather or economic conditions. The series on irrigated cotton farms in the High Plains area of Texas goes back only to 1944 because irrigation was not important in this area before that date.

<sup>1</sup>Goodsell, W. D., Brown, W. H., Fowler, H. C., Hole, Erling, Hurd, E. B., Vermeer, James, and Jenkins, Isabel. *Farm Costs and Returns, 1955 (With Comparisons) Commercial Family-Operated Farms, by Type and Location*. U. S. Dept. Agr. Inform. Bul. 168, 82 pp., illus. June 1956.

In this publication, none of the series is continued beyond 1951. Agriculture Information Bulletin 158<sup>1</sup> gives similar information for the years 1952 through 1955 for each of the types and sizes of farms reported here. These two publications contain revised data for all years through 1955 for which analyses have been made for each type and size of farm.

It is planned that the respective series for each type and size of farm will be continued and reported on annually in the future as in the past. Additional reports to be prepared from time to time are expected to include more comprehensive and detailed analyses than are available in this publication or in other reports made on these farm situations thus far.

Although each type of farm differs from others in location, organization, size, productivity, and many other characteristics, essentially the same general procedures and methods were used in sampling, collecting, assembling, processing, and analyzing the data for all. Consequently, the information for the various types of farms is generally comparable. For example, investment per farm, receipts, expenditures and net returns, and indexes of many items such as net farm production, operating expense per unit of production, total cost per unit of product, production per unit of input, and prices received and prices paid on cotton farms may be compared with those on tobacco, dairy, Corn Belt, or wheat farms. Furthermore, costs, returns, and related data for one year or for groups of years may be compared with those for other years on the same types of farms. Thus it is



easy to see how operators of a particular type of farm have fared in relation to operators of other types of farms and how well they have progressed and have adjusted to changing conditions over the years.

In the analyses thus far, and in the data presented here, all farms are treated as owner-operated units. This was done so that summary statistics on income, expenses, and related items would not be affected by differences in the farm ownership pattern or in the landlord-tenant relationships among areas or types of farms. The data in these analyses are organized in such a way that costs and returns and related data may be obtained for landlords and for tenants who operate under given tenure arrangements. It is expected that future analyses will include such allocations and breakdowns plus more detailed and comprehensive analyses.

Good times and bad times have affected the incomes and well-being of all farmers, but their influences have differed greatly from type of farm to type of farm and from area to area.

Farm operators' net farm income per farm for the country as a whole was about \$650 in 1930. It declined during the next 2 years, and in 1932, it was the lowest on record, averaging only a little more than \$300 per farm. Throughout the United States, farm operators' net incomes began to rise after 1932 because of the generally improved economic conditions. During the midforties and early fifties, they averaged between \$2,000 and \$3,000 per farm.

Experiences of operators of different types of farms varied considerably from averages of those for the country as a whole. During the depression of the early thirties, farmers in general had low incomes. But, in some areas, in addition to the low prices they received for the products they sold, farmers had to cope with severe droughts which further reduced returns. Droughts were particularly acute and prolonged in the Northern Plains area. From 1930 through 1939, yields of wheat

on wheat-roughage-livestock farms in the Northern Plains spring wheat area averaged only 5.4 bushels per acre. During this period, the crop-yield index on these farms averaged only 44 percent of the 1947-49 average. For 8 consecutive years, 1931-38, operators of these farms operated at a loss; they and their families received nothing for their labor and management and no return on capital invested in the business. On these farms, net farm income ranged from a loss of about \$900 in 1936 to a return of nearly \$7,000 per farm in 1947.

In contrast, operators of wheat-pea farms have not encountered severe droughts, and, in general, their yields have been relatively high. Data on these farms are not available prior to 1935. But from 1935 to 1940, crop yields on wheat-pea farms averaged about 4 percent above the 1947-49 average. Net farm incomes on these farms ranged from a low of about \$950 per farm in 1938 to a high of nearly \$15,500 in 1947.

In general, Corn Belt farmers also have done relatively well. Operators of three types of farms in the Corn Belt failed to meet operating expenses only in 1934. Cash-grain farmers were able to meet operating expenses in all years. Net farm incomes on these farms ranged from a low of about \$85 per farm in 1933 to a high of more than \$11,500 in 1948.

Operators of cotton farms in the Southern Piedmont had less year-to-year variation in net returns, but their incomes have never been as large as the incomes received by operators of many other types of farms. Net farm incomes on these farms ranged from a low of about \$100 per farm in 1932 to a high of nearly \$2,500 in 1951. From 1930 through 1951, net farm incomes averaged slightly less than \$900 per farm.

Changes in technology have affected certain types of farms more than others during the last 25 years. Operators of cotton, tobacco, and many livestock farms and ranches have had available neither the mechanical devices nor the technological improvements that have

permitted operators of wheat and corn farms to increase the size of their operating units, their total output, and their labor efficiency. In recent years, important technological developments have been made available to cotton, tobacco, and livestock farmers. The effects of these developments are showing up in increased physical efficiency and in relatively improved economic well-being.

As farmers continue to adopt new and improved technological developments and to adjust their operations and practices accordingly, wide differences will be revealed in their costs and returns and general economic well-being.

#### SOURCE AND ADEQUACY OF DATA, AND PROCEDURE

Costs and returns series are developed largely from data obtained from (1) the U. S. Census of Agriculture, (2) rural carrier and mailed questionnaires sent to farmers by the Agricultural Estimates Division, Agricultural Marketing Service, and (3) enumerative field surveys. In the main, data for individual farms by type and size are used, but information from other sources may be drawn upon for certain purposes in particular areas. These include farm- or ranch-management records which provide production rates, and related studies and surveys made by experiment stations, State agricultural censuses, county assessor's censuses, livestock trend sheets of the Production Credit Associations of the Farm Credit Administration, licensed and permitted use records and commensurate property records of the Bureau of Land Management and the Forest Service, and special farm-production and financial schedules from private agencies.

Published census data supplemented by special tabulations of census schedules provide general background and descriptive information on the agriculture of the area and on the characteristics of the type of farming studied. The census data are analyzed in considerable detail to determine the distribution of farms by type and size; acres of cropland harvested; acreages in various crops;

numbers of livestock by type and class; workers in the labor force; number, age, and value of important machines; gross value of product; expenditures for certain items; and investment, farm facilities, and related information.

The basic organization of the farm is determined by detailed tabulation of a special sample of about 400 representative census schedules for each census year. Only commercial farms of a given type within the family-size range are included in these tabulations.

The special tabulation of census schedules and other available information is supplemented by data obtained from enumerative surveys. However, because the census data and other information are available and are analyzed in detail, extensive surveys are not necessary. These enumerative surveys usually cover such items as production methods and practices, man labor, power, machinery, and materials used, contract work hired, inventories of machinery and related items, and cash expenditures for certain items not obtainable elsewhere. Field schedules have been obtained only once in some areas in the last few years, whereas in other areas surveys have been repeated. The goal has been to obtain this type of information in each area about once in every 3 to 5 years, in order to keep abreast of changes in practices and resource inputs.

The basic organization is established for particular years by the census and field-survey data. The respective farm organization for interim years is obtained largely through the use of rural carrier and mailed questionnaires sent to farmers by the Agricultural Estimates Division, Agricultural Marketing Service, as a part of its regular crop- and livestock-reporting work. A number of States have assessors' censuses that throw considerable light on changes in farm organization, land use, and trends in livestock numbers. Data from other special surveys also are used if they meet the requirements or can be adjusted to fit the particular size and type of farm.

Data from some sources contain biases. In many instances, however, compensations can be made, at least in part, for these biases. For example, ordinarily, the numbers of livestock of specified types as reported by assessors in certain areas on a given date are less than the number reported by some other sources on approximately the same date. However, the difference is generally consistent by type of livestock and area. The important requirements are: (1) Do the data apply as to type of farm? and (2) Do they apply as to size of farm and size of enterprise considered?

Usually, a sample of 80 to 150 rural carrier or mailed schedules are tabulated each year for each type and size of farm. Frequently, most of these are identical or matched schedules; that is, the same farmer reports on the same farm in at least 2 consecutive years. For each size of farm, the percentage of the total farm acreage devoted to each crop in each year is calculated, as well as the percentage change from year to year in acres in each crop and in numbers of each type and class of livestock. These ratios for each size group or type of farm are compared with changes obtained from other sources. They are then applied to the basic organization to establish year-to-year changes in physical organization of the farm or ranch.

In areas in which a high proportion of the farms are of the type studied, rural carrier data by crop-reporting districts give general measures of change. These data are sometimes used instead of data compiled for groups of individual farms by type. For example, in one of the spring wheat areas of North Dakota, more than 80 percent of the farms are of the size and type studied. In this instance, district data are as satisfactory as those that could be obtained by using data for individual farms and they permit considerable saving in time and funds.

Trends and movements in price data by county, crop-reporting districts, groups of crop-reporting districts, and States have been compared and tested statistically. Prices

differ by location but they differ little, if any, by type or size of farm. Prices of farm products on specific types of farms can be expected to go up and down with prices received for farm products in the area. In most instances, either State prices adjusted for local differences or prices for groups of crop-reporting districts are used.

Crop yields are obtained for individual farms in the census and in the acreage and production surveys of the Division of Agricultural Estimates, Agricultural Marketing Service. Yields are available also by counties and crop-reporting districts in the respective type-of-farming areas. These yields are checked against census data for the specific type and size of farm. If county yields differ consistently or logically from census data for the specified type of farm in the respective years, these differences are maintained in the series. Frequently, however, the county or district data are used to estimate year-to-year changes in crop yields.

After the physical organization and production have been established as described above, the disposition of output is determined. Many farm-management and similar surveys made by the U. S. Department of Agriculture, the land grant colleges, and other agencies include information on the disposition of crops, livestock, and livestock products. Physical quantities of crops used for feed and seed, and consumed by the farm family are available. The way in which data in the various censuses are cross tabulated and summarized by small acreage or livestock groups makes it relatively easy to sample other sources of data and to weight results appropriately for use in these studies.

In some instances, input-output data are obtained from previous surveys, farm-management studies of land grant colleges, farm-account records, data from crops, soils, and livestock experiments in the various experiment stations, and from well-informed persons in the area. Data from these sources are supplemented by current field surveys. Many government and private agencies have

contributed valuable data. For example, each year the Production Credit Division of the Farm Credit Administration, and many private lending agencies obtain information from borrowers relating to size of farm; number of livestock raised, kept, and sold; weights at which livestock are sold; quantities of feeds grown, purchased, and fed; and expenditures and cost rates for many important items. Many of these rates are on a per unit of output basis, and they apply to a wide range in size of operating units. Information on other rates can be applied only within a given size range. When data from these sources are drawn from farms and ranches of approximately the same size and type as represented in the series, they aid greatly in supplying information on inputs and outputs.

Field surveys are resorted to when information is not available elsewhere, particularly information on items such as expenditures for new buildings and building repairs, purchase and repair of machinery, and fertilizers, insecticides, fungicides, weedkillers, and other farm production supplies. Periodic enumerative surveys are made to keep abreast of new and improved practices and also to make general checks on estimates. Information concerning some items is obtained by various agencies in their normal operations. During the last few years, the Production Economics Research Branch, Agricultural Research Service, has obtained several thousand schedules on various crops from farms in different areas. These schedules give detailed information on cropping practices, man labor, power, machinery and materials requirements, and custom work hired. In addition, special surveys have been made in some areas to obtain data on farm machinery, including farm inventories--age, model, purchases, sales, repairs, and depreciation; and details on expenditures for certain other items.

#### TERMS USED

Although the analyses of commercial family-operated farms are made in considerable detail, accepted farm-management terms are used insofar as they are consistent and are practical for these purposes.

A commercial family-operated farm is one that is managed and operated largely with the family labor force and that provides the family with its main form of employment and source of income. At 1944 levels of prices and values, these farm units and ranches produced farm products that ranged in value from \$1,200 to \$20,000. The total investment per farm or ranch did not exceed \$70,000, and the operator did not work off the farm more than 100 days during the calendar year. For other years, the dollar value limits were adjusted for higher or lower prices of agricultural products.

Sharecroppers and other tenants under the close supervision of farm operators are not considered as separate farmers but as parts of multiple units. In these analyses, these croppers and tenants are treated as hired laborers who receive payment in kind. Commercial family-operated units are described in more detail in *The Journal of Farm Economics* for November 1948.<sup>2</sup>

The information presented here by type of farm, therefore, is representative of an average operator's performance, use of land, and choice of crop and livestock organization, and of his costs, returns, and related items. Information for size of farm within the type of farm considered likewise is representative of the average performance of operators on farms of the specified size.

#### TOTAL LAND IN FARM OR RANCH

This is the total acreage in crops plus the acres of failure or abandoned farm land, fallow, idle, pasture, woodland, wasteland, house yards, barnyards, feed lots, roads, lanes and fences, operated under one unit from a given farmstead or ranch headquarters

<sup>2</sup> Bachman, Kenneth L., Ellickson, John C., Goodsell, Wylie D., and Hurley, Ray. *Appraisal of Economic Classification of Farms*. *Jour. Farm Econ.* 30(4):660-702, Nov. 1948.

and with a given herd in the ranch areas, and a set of machinery and equipment. Land rented from others and operated in this unit is included, but it is treated as though it were owned by the operator. Pasture or grazing land rented on the basis of units of livestock grazed is not included here; it is included in farm expenditures as feed bought or pasture rented. Land on which more than one crop is grown during the year is included only once. Land operated by croppers in multiple units is included as part of the management unit or farm operating unit.

#### CROPLAND HARVESTED

Cropland harvested includes land from which cultivated crops were harvested; land from which grains and hay (including wild hay) were harvested; and land in fruits, vegetables, and truck crops.

#### TOTAL LABOR USED

Total labor used includes total hours of operator and unpaid family labor and management plus hired labor used under average rates of performance with methods and types of power and equipment used in production of crops and livestock, in repair and maintenance of machinery, equipment, buildings, fences and other improvements, and in general management of the operating unit. It represents *labor used*, not *labor available*. Labor performed by the cropper and his family is included.

#### TOTAL FARM CAPITAL

This is the estimated current value on January 1 of land, service buildings, dwelling, improvements, machinery, equipment, livestock, and crops. More specifically, for crops, it is bushels or tons in inventory on January 1 multiplied by respective prices on December 15 of the previous year. Feed grains are usually combined on a per pound basis and converted to the most common feed grain to avoid detail in calculating inventories. Acres in farm, numbers of respective machines, livestock numbers, and similar items are multiplied by the respective average value per unit January 1.

#### CASH RECEIPTS

This is the total amount of cash received during the *calendar year* from the sale of crops, livestock, and livestock products and from government payments. All current marketings are included whether they were produced during the calendar year or from inventories.

#### CASH EXPENDITURES

Cash expenditures include the total amount of cash paid during the *calendar year* for goods and services used in production. Rent and interest payments and purchases of additional land are not included. Only the farm share of the depreciation and operating costs of the automobile is included. This share may differ among areas.

#### NET CASH FARM INCOME

This is the difference between cash receipts and cash expenditures.

#### VALUE OF PERQUISITES

This is the quantity of crops, livestock, livestock products, and fuel and wood consumed during the calendar year in households on farms where produced, valued at current prices, plus a nominal rental on farm dwelling. Net house rental is estimated at 8 percent of the current value of the dwelling.

#### CHANGE IN INVENTORY

Crops and livestock.--This is the change in physical quantity from beginning inventory to closing inventory of specified crops, livestock, machinery, and equipment, and service buildings, each valued at the respective year-end price. For livestock, it is number in closing inventory minus the number in the beginning inventory multiplied by year-end value per head of the respective livestock. For crops it is bushels, hundredweight, or tons of the given crop in the closing inventory minus physical quantity in the beginning inventory multiplied by the closing

inventory price (December 15 price received) of the respective crop. Changes in inventory of crops and livestock are carried on the income summary. Increases are carried as credits and thus increase gross farm income.

**Machinery and buildings.**--This includes changes in inventory of motor vehicles, excluding automobiles, other farm machinery, and service buildings, which are obtained by subtracting annual depreciation from current purchases of the respective items. The change in inventory of these items is entered in the expense summary. An increase is carried as a debit. That is, an increase in inventory of depreciable items reduces TOTAL FARM EXPENSE by that amount.

Net change in inventory is the difference between the change in inventory of livestock and crops carried in the income summary and the change in the inventory of machinery and service buildings carried in the expense summary. Gains or losses of income because of changes in prices of inventory items are avoided by valuing at year-end prices differences in physical quantities between closing and beginning inventories.

#### NET FARM INCOME

This is the annual return to the operator for his labor and management, to unpaid members of the operator's household for services rendered on the farm during the calendar year, and to total investment in the farm regardless of ownership. In terms previously defined, it is net cash farm income plus value of perquisites and change in inventory of crops and livestock and machinery and buildings.

#### CHARGE FOR CAPITAL

This charge is the current value of land and buildings times the current interest rate on farm mortgages on this kind of property in the area plus estimated current value of working assets (machinery and equipment, livestock, and crops on hand January 1) times the interest rate on intermediate and short-term farm loans. Other methods of estimating

charges for real estate may be equally or more realistic in a few areas, but this method provides comparable data for all areas. Also, it is the rate at which farmers may obtain capital on real estate.

#### RETURN TO OPERATOR AND FAMILY LABOR

This is the estimated return to the operator and unpaid members of the family for labor and management used (not necessarily labor available) on the farm during the calendar year after all production expenses have been met and appropriate charges have been made for the use of capital employed in the farm or ranch business.

**Purchasing power in 1937-41 dollars.**--This is the current return to operator and family labor divided by the U. S. index of prices paid for all commodities used in family living, 1937-41 = 100.

**Return per hour in current dollars.**--Return per hour is the annual return to operator and family labor divided by the number of hours worked during the year. It represents the amount of money earned per hour of unpaid labor used on the farm over and above the imputed charge for capital.

#### INDEX NUMBERS

Index series are computed for 11 important summary measures for each type of farm. All series are based on 1947-49=100. In addition, a prewar average, 1937-41, is given also when the series extends that far back. The following index series are calculated: (1) Gross farm income; (2) net farm income; (3) net farm production; (4) crop yield per acre; (5) production per hour of man labor; (6) production per unit of input; (7) operating expense per unit of production; (8) total cost per unit of production; (9) power and machinery, January 1; (10) prices received for products sold; (11) prices paid, including wages to hired labor.

## GROSS FARM INCOME

Gross farm income includes quantities of crops, livestock, and livestock products sold during the calendar year at average prices received; quantities of farm-produced food and fuel used in households on farms where grown at the prices that would have been received for such items if sold; plus Government payments for participation in farm programs, value of net rental of operator's dwelling, and net change in physical quantities of crops and livestock from beginning to closing inventory valued at year-end prices (line 30, table 1). Income, therefore, is not affected by changes in prices or in values of inventory items. An exception is made in the case of feeder cattle purchased. On the farms studied, feeder cattle are usually bought in October and sold the next autumn. They are carried in the January inventory at the purchase price. Land is considered as a capital asset and purchases or sales of land are not considered as a part of income or expense.

The index is obtained by dividing current values or estimates of gross farm income ( $\sum q_1 p_1$ , line 30, table 1), as described above by average values or gross farm income for the base period 1947-49.

The formula for the index of gross farm income is:

$$(1) \quad \frac{\sum q_1 p_1}{(\sum q_1 p_1)_0}, \text{ where } q_1 \text{ and } p_1 \text{ are quantities and prices respectively in the current year and } (\sum q_1 p_1)_0 \text{ represents the summation of the respective products in the years 1947, 1948, and 1949, divided by 3.}$$

## NET FARM INCOME

Net farm income is the annual return to the operator for his labor and management, to unpaid members of the household for services

rendered on the farm during the calendar year, and to total investment in the farm business, regardless of ownership. It is obtained by subtracting total farm expense from gross farm income. The index is obtained by dividing yearly estimates of net farm income ( $\sum q_1 p_1$ ) by average estimates for the base period 1947-49.

Gross farm income is described above. Total farm expense is made up of the quantities of feed, livestock, seed, fertilizers, pesticides, livestock medicines, and other supplies bought at average prices during the calendar year, plus amounts of contract work and labor hired at current rates; quantities of machinery purchased at average prices; costs of operating and repairing machinery; upkeep of machinery, buildings, fences, and improvements; expenditures for taxes, insurance, electricity, telephone, and miscellaneous farm items; with adjustments for net change in inventory of tractors, motortrucks, automobiles, other farm machinery, and buildings and equipment (table 2).

## NET FARM PRODUCTION

Net farm production is the net physical quantity of items produced on the respective type of farm each year. It is obtained by multiplying the respective quantities of crops, livestock, and livestock products sold and used in the household by weighted average prices of the respective items in the 1947-49 period, and subtracting the value at 1947-49 prices of purchased feed, seed, and livestock. Adjustments are made for net change in inventory of crops and livestock (line 29, table 1). The annual product thus obtained is divided by the average of such values for the base period 1947-49.

(2) The formula is  $\frac{\sum q_1 p_0}{(\sum q_1 p_0)_0}$ , in which  $q_1$  is the quantity sold or the change in inventory in the current year and  $p_0$  is weighted average price in the base period 1947-49.  $(\sum q_1 p_0)_0$  represents the summation of the respective products for the 1947-49 period divided by 3.

TABLE 1.--Gross farm income and gross production,  
hog-beef fattening farms, Corn Belt, 1951

	ITEM	QUANTITY		PRICE PER UNIT		VALUE	
		UNIT	$q_1$	$P_1$	$P_0$	$q_1P_1$	$q_1P_0$
				Dollars	Dollars	Dollars	Dollars
	Cash receipts						
	Sales						
1	Corn.....	Bu.	135	1.58	1.32	213.30	178.20
2	All crops.....					213.30	178.20
3	Cattle.....	Cwt.	392.8	36.67	31.92	14,403.98	12,538.18
4	Hogs.....	Cwt.	336.6	19.70	21.30	6,631.02	7,169.58
5	Chickens.....	Lb.	600	.210	.238	126.00	142.80
6	All livestock.....					21,161.00	19,850.56
7	Butterfat.....	Lb.	520	.75	.757	390.00	393.64
8	Eggs.....	Doz.	1,446	.397	.39	574.06	563.94
9	All livestock products....					964.06	957.58
10	Government payments.....					72.00	x
11	Total cash receipts.....					22,410.36	20,986.34
	Farm products used in home						
12	Beef.....	Cwt.	1.99	36.67	31.92	72.97	63.52
13	Pork.....	Cwt.	3.8	19.70	21.30	74.86	80.94
14	Chickens.....	Lb.	125	.210	.238	26.25	29.75
15	Butterfat.....	Lb.	101	.75	.757	75.75	76.46
16	Eggs.....	Doz.	108	.397	.39	42.88	42.12
17	Garden.....	Dol.	30	<sup>1</sup> 2.49	2.37	74.70	71.10
18	Net house rent.....	No.	1	x	295.00	393.00	295.00
19	Total perquisites.....					760.41	658.89
	Change in inventory						
20	Feeder cattle.....	Cwt.	14.7	x	21.27	1,578.00	312.67
21	Workstock.....	No.	-.2	47.00	46.43	-9.40	-9.29
22	Beef cows.....	No.	.4	287.73	185.07	115.09	74.03
23	Other cattle, except feeders	No.	.2	165.00	106.15	33.00	21.23
24	Hogs and pigs.....	Cwt.	-11.4	17.30	20.97	-197.22	-239.06
25	Chickens.....	No.	2	1.50	1.47	3.00	2.94
26	Corn.....	Bu.	-226	1.63	1.35	-368.38	-305.10
27	Oats.....	Bu.	-275	1.00	.83	-275.00	-228.25
28	Hay.....	Ton	.4	17.30	16.73	6.92	6.69
29	Total.....					886.01	-364.14
30	GROSS FARM INCOME.....					24,056.78	
31	GROSS FARM PRODUCTION.....						21,281.09

<sup>1</sup>The figure for garden under  $p_1$  is an index number (1939 = 100).  $q_1$  is computed by dividing  $q_1P_1$  by  $P_1$ .



TABLE 2.--Production expenses and inputs,  
hog-beef fattening farms, Corn Belt, 1951

ITEM	QUANTITY		PRICE PER UNIT		VALUE		
	UNIT	Q <sub>1</sub>	P <sub>1</sub>	P <sub>0</sub>	Q <sub>1</sub> P <sub>1</sub>	Q <sub>1</sub> P <sub>0</sub>	
			Dollars	Dollars	Dollars	Dollars	
<b>Cash expenditures</b>							
Feed bought:							
1	Grain (corn equivalent).....	Bu.	0	1.58	1.93	0	0
2	Protein and minerals.....	Cwt.	269.3	5.75	5.60	1,548.48	1,508.08
3	Total.....					1,548.48	1,508.08
Livestock expense:							
4	Feeder cattle.....	Cwt.	206.6	33.25	22.73	6,869.45	4,696.02
5	Baby chicks.....	100 chix	2.30	24.10	18.90	55.43	43.47
6	Veterinary & medicine & misc. supplies	A.U.	73.2	2.09	1.84	152.99	134.69
7	Feed grinding.....	Cwt.	636	.13	.11	82.68	69.96
8	Total.....					7,160.55	4,944.14
Seeds and supplies:							
Seeds:							
9	Garden (including plants).....	Acre	.1	100.00	90.00	10.00	9.00
10	Timothy.....	Cwt.	.19	16.00	14.30	3.04	2.72
11	Sweet clover.....	Cwt.	.36	21.20	21.98	7.63	7.91
12	Red clover.....	Cwt.	.66	43.00	61.60	28.38	40.66
13	Alfalfa.....	Cwt.	.49	75.50	59.50	37.00	29.16
14	Hybrid corn.....	Bu.	9.79	10.80	10.60	105.73	103.77
15	Oats.....	Bu.	14.7	1.83	1.74	26.90	25.58
16	Ladino clover.....	Lb.	---	---	---	---	---
17	Brome.....	Cwt.	.19	29.90	32.88	5.68	6.25
18	Seed cleaning and treating.....	Bu.	35	.10	.09	3.50	3.13
19	Twine.....	Lb.	193	.29	.232	55.97	44.78
20	Fertilizer.....	Cwt.	46.20	2.46	2.32	113.65	107.18
21	Limestone.....	Ton	13.97	3.25	3.13	45.40	43.73
22	DOT.....	Qt.	5	1.50	1.50	7.50	7.50
23	2, 4-D.....	Gal.	4.5	5.80	5.80	26.10	26.10
24	Total seed and supplies.....					476.48	457.47
Power and machinery:							
Tractors:							
25	Operating costs.....	Hour	648	.618	.581	400.46	376.49
26	Purchased <sup>2</sup> .....	No.	.176	2,200.00	1,844.18	388.00	324.58
Trucks:							
27	Operating costs.....	Mile	2,250	.07	.064	157.50	144.00
28	Purchased <sup>2</sup> .....	No.	.049	1,942.00	1,717.39	96.00	84.15

--Continued

TABLE 2.--Production expenses and inputs, hog-beef fattening farms, Corn Belt, 1951--Continued

ITEM	QUANTITY		PRICE PER UNIT		VALUE		
	UNIT	q <sub>1</sub>	P <sub>1</sub>	P <sub>0</sub>	q <sub>1</sub> P <sub>1</sub>	q <sub>1</sub> P <sub>0</sub>	
			Dollars	Dollars	Dollars	Dollars	
Automobiles, farm share:							
29	Operating costs.....	Mile	3,300	.036	.032	118.80	105.60
30	Depreciation.....	No.	.05	1,783.00	1,493.33	89.00	74.67
Other machinery:							
31	Repairs.....	Dol.	178	<sup>1</sup> 1.96	1.55	349.20	275.90
32	Purchased.....	Dol.	383	1.96	1.58	750.00	605.14
33	Gas for auxiliary engines.....	Gal.	34	.229	.219	7.79	7.45
34	Threshing oats.....	Bu.	91	.04	.03	3.64	2.73
35	Shelling corn.....	Bu.	3,140	.026	.024	81.64	75.36
Hauling:							
36	Butterfat.....	Lb.	390	.024	.023	9.36	8.97
37	Livestock - hogs.....	Cwt.	252	.29	.251	73.08	63.25
38	Total power and machinery.....					2,524.47	2,148.29
39	Farm building expense.....	Dol.	164	<sup>1</sup> 2.23	1.91	365.00	313.24
40	Fencing and land improvement.....	Dol.	63	<sup>1</sup> 2.23	1.91	140.00	120.33
41	Hired labor.....	Hour	628	.886	.768	556.41	482.30
Taxes:							
42	Real estate.....	Acre	195	2.05	1.68	399.75	327.60
Personal property:							
43	Current value.....	\$100 value	235.45	.68	x	160.11	x
44	Base value.....	\$100 value	213.66	x	.569	x	121.57
45	Telephone, farm share.....	No.	.92	29.00	23.02	26.68	21.18
46	Electricity.....	Kwh.	640	.031	.0333	19.84	21.31
47	Insurance.....					28.00	24.00
48	Miscellaneous expenses.....					32.00	29.00
49	Total cash expenditures.....					13,437.77	10,518.51
Change in inventory:							
50	Tractors <sup>2</sup> .....	No.	-.037	2,200.00	1,844.18	-82.00	-68.23
51	Truck <sup>2</sup> .....	No.	-.004	1,942.00	1,717.39	-7.00	-6.87
52	Other farm machinery.....	Dol.	-.58	<sup>1</sup> 1.96	1.58	-114.00	-91.64
53	Farm buildings.....	Dol.	-12.6	<sup>1</sup> 2.23	1.91	-28.00	-24.07
54	Fences and other improvements.....	Dol.	-10	<sup>1</sup> 2.23	1.91	-22.00	-19.10
55	Total.....					-253.00	-209.91
56	TOTAL FARM EXPENSE.....					13,184.77	
57	TOTAL INPUTS.....						10,308.60

<sup>1</sup>An index number (1930 = 100). q<sub>1</sub> is computed by dividing q<sub>1</sub> p<sub>1</sub> by p<sub>1</sub>.

<sup>2</sup>q<sub>1</sub> is computed by dividing q<sub>1</sub> p<sub>1</sub> by p<sub>1</sub>.

## PRODUCTION PER HOUR OF MAN LABOR

Production per hour of man labor is obtained by dividing the index of net farm production on a 1947-49 base by the total hours of man labor (operator, family, and hired) used in production, expressed as relatives of the 1947-49 average. This index measures the changes over time in volume of physical output per hour of man labor.

This measure of labor productivity reflects changes in output resulting from such things as higher yields obtained from favorable weather, increased use of fertilizer, higher yielding varieties of crops, improved cropping practices, improved sanitation, better breeding and livestock-management practices, and use of labor-saving equipment. Production per man-hour of labor has been high in recent years on most types of farms included in these series because crop and livestock yields have been high and labor-saving equipment has been used.

## OPERATING EXPENSE PER UNIT OF PRODUCTION

Operating expense per unit of production is "current cash expenditures" plus net depreciation on service buildings (excluding operator's dwelling), machinery, and equipment divided by current gross farm production. The index is obtained by dividing operating expense ( $\sum q_{1p_1}$ , line 56, table 2) expressed as relatives by index of gross farm production ( $\sum q_{1p_0}$ , line 31, table 1, expressed as relatives). Ordinarily, operating expenses include all expenses or costs that vary with output. Here as in practical farm accounting, they include all expenses except charges for capital and for operator and family labor and management. They include purchases of feed, livestock, livestock medicines and supplies; seeds, fertilizer, lime, pesticides; outlays for gasoline, oil, lubricants, and other operating costs of power and machinery; purchases of machinery, repairs to machinery and buildings; hired labor and contract work; real estate and farm personal property taxes; farm telephone, electricity, insurance, and

miscellaneous costs; plus change in inventory of motor vehicles and other machinery, farm service buildings, fences, and other improvements and equipment (lines 49 and 55, table 2).

Thus operating expenses differ slightly from variable costs. Interest charges on investment in land and buildings, and working capital and charges for operator and family labor and management, in general, constitute returns rather than charges. In determining the total cost of production, however, they are charges.

## TOTAL COST PER UNIT OF PRODUCTION

This is a summary measure of the total aggregate cost of producing a unit of product. Total cost includes total operating expense, as described above, plus total charge for capital (estimated current investment in land and buildings at prevailing mortgage interest rates on similar farm assets and estimated current investment in machinery, livestock, feeds, and supplies at prevailing intermediate credit rates) and value of operator and family labor at wage rates paid to hired workers.

The index of total cost per unit of production is obtained by dividing total production costs (line 56, table 2, plus charges for capital and operator and family labor) expressed as relatives of the 1947-49 average by the index of gross farm production at 1947-49 prices. Thus this index measures the relative change from year to year in estimated total costs per unit of production. In the series on costs and returns then, the more highly specialized the farm business the more nearly this index reflects changes in the cost of producing a given product. The index approximates a commodity cost index on a few specialized farm types, such as dairy, tobacco, and cotton farms, and cattle and sheep ranches.

## PRODUCTION PER UNIT OF INPUT

This is a measure of physical efficiency (average output divided by average input) in

production. The index is obtained by dividing the index of gross farm production ( $\sum q_1 p_o$ , line 31, table 1) by the index of total inputs, ( $\frac{\sum q_1 p_o}{(\sum q_1 p_o)_o}$ , line 57, table 2) plus

charges for operator and family labor and for capital at 1947-49 = 100. Inputs consist of quantities ( $q_1$ ) of items purchased for production purposes plus hired labor ( $\sum q_1 p_o$ , line 49, table 2) at respective weighted average prices and wage rates ( $p_o$ ) in the base period 1947-49; net change in inventory of power, machinery, and service buildings ( $\sum q_1 p_o$ , line 55, table 2); plus operator and family labor and management valued at wage rates paid to hired labor ( $q_1 p_o$ ), and charges for capital at prevailing interest rates in the 1947-49 period ( $q_1 p_o$ ). The charge for fixed capital or real estate is calculated by multiplying the current acreage in the farm or ranch by the weighted average value of land and buildings per acre in the base period and then multiplying these annual average estimates of investment by the average interest rate on farm mortgages in the base period.

In this instance, the charge for working capital is calculated by multiplying the respective January 1 inventory numbers of livestock in each class, the bushels of grain, tons of hay, and items of machinery by their respective average values in the base period 1947-49. The sum of the values of these items of working capital is then multiplied by the average interest rate on short-term farm credit in the 1947-49 period.

The formula for both the index of total production and the index of total input is

$\frac{\sum q_1 p_o}{(\sum q_1 p_o)_o}$ , in which  $q_1$  is the quantity of the respective items sold or purchased in each year and  $p_o$  represents the weighted average price received or paid for the respective item in the base period 1947-49. The average value of total inputs or outputs in the base period 1947-49 is represented by  $(\sum q_1 p_o)_o$ .

The index of power and machinery on farms is a relative measure of changes in mechanization of farms. It measures the relative quantity of power and machinery on the farm or ranch on January 1 of each year, but not the amount or extent of use that is made of the mechanical equipment on the farm.

A given type of farm may have a tractor, combine, cornpicker, milking machine, and all the complementary equipment in 1955. It may have had the same number of similar items in 1947-49. Another type of farm may have the same number of similar items of power and machinery as the former farm but the machinery and equipment may have twice the use on the latter farm. The difference in amount of use made of the power and machinery is not measured in this index. A change in quantity of machinery and equipment on the farm is measured, however. If a farmer now has a 3-plow tractor, a 2-row cornpicker, and a 12-foot combine, whereas formerly he had a 2-plow tractor, a 1-row cornpicker, and a 6-foot combine, this change in mechanization is indicated through changes in the values and physical quantities of the respective items. Numbers of important power and machinery items are recorded in the inventory. However, these numbers must be combined with each other and with various complementary items such as numbers of plows, cultivators, and mowers.

The index of power and machinery on January 1 is calculated by dividing the annual inventory value of the respective item by price relatives (1947-49 = 100) of a standard unit of the item. The sum of these quotients each year is then divided by the average of the sums in the years 1947-49. For example, for important single items such as tractors and motor trucks, the annual inventory values of trucks are divided by an index of price relatives (1947-49 = 100) of 2-ton trucks and the annual inventory values of tractors are divided by yearly price relatives (1947-49 = 100) of 20 to 29 belt horsepower tractors. The sum of the resulting quotients, together with those for other items, including general machinery and equipment, is divided by the

average of the quotients for the years 1947-49. The index thus reflects the year-to-year changes in value of machinery and equipment at 1947-49 prices.

#### CROP YIELDS PER ACRE

The index of crop yields is designed to give a summary measure of year-to-year changes in combined crop yields for all important crops on a specified type of farm. Miscellaneous crops are not included in the crop-yield index. Acreages and yields per acre of these crops frequently vary considerably from year to year, and to include them in the crop-yield index would distort rather than improve the index series.

Changes in the crop-yield index, together with changes in acreages of important crops, help to explain the year-to-year changes in crop production and farm output. The crop-yield index, together with the index of prices received for products sold, is important in explaining most of the change from year to year in gross and net farm income on many important types of crop farms.

The index of crop yields per acre is obtained by multiplying the average price received in 1947-49 for a unit (bushel, ton, or hundredweight) of the crop and the average net planted or harvested acreage of the crop in 1947-52 by the annual yields per acre of the respective crop. The sum of these products computed for each year is then divided by the sum of the product obtained from each crop by multiplying the average price received for a unit of the crop in 1947-49 and the 1947-52 average net planted or harvested acreage by the average yield per acre of the respective crop in 1947-49. The formula is

$$\frac{\sum y_1 (p_0 a_0)}{\sum y_0 (p_0 a_0)}$$
 in which  $y_1$  represents per acre crop yields in the current year,  $y_0$  average yields per acre in the period 1947-49,  $p_0$  the average price received per unit of each respective crop in 1947-49, and  $a_0$  the average net planted or harvested acreage of the respective crops from 1947 to 1952.

The importance of the crop in the index is thus determined by the total value of the respective crop relative to the total value of other crops in the base period.

#### PRICES RECEIVED FOR PRODUCTS SOLD

The index of prices received is the total quantity of all products sold in the current year, each of which is valued at its respective current price divided by the same quantities of products valued at base period (1947-49) prices.

#### PRICES PAID, INCLUDING WAGES PAID TO HIRED LABOR

The index of prices paid is the total quantity of all commodities used in farm production in the current year, including hired labor, each of which is valued at its respective current price or wage rate paid, divided by the total value of the same quantities of items valued at 1947-49 prices and wage rates. The formula for both prices received and

prices and wage rates paid is  $\frac{\sum q_1 p_1}{\sum q_1 p_0}$ , in which  $q_1$  and  $p_1$  represent current-year quantities and prices respectively, and  $p_0$  represents weighted average prices in the base period (1947-49).

Because a new set of weights (current-year quantities) are used each year, the series thus obtained is divided by the average values of the series for the 1947-49 period. These price series differ in concept from the series on prices constructed for the United States. The latter reflect changes in value of a fixed quantity of goods.

The objective of these price series constructed here for different types of farms is to obtain acceptable estimates of the measure of change in prices received and prices paid on given types of farms in given locations over time. In price-index calculations on farms of a given type and size over time, there is the problem of adequately measuring

the influence of new products that have recently come into production and of products that are waning in importance. There is also the problem of handling intermittent sales and purchases. Operators on some types of farms maintain well-balanced enterprises from which they produce the feed grains and roughages necessary to carry their livestock systems. Normally, they neither buy nor sell feed grains or roughages. Droughts occur occasionally and when they do they reduce crop yields or destroy new seedings. As a result, the farm operator is forced to buy feed grains or hay, or both, in order to continue his livestock operations. This occasional or intermittent buying or selling requires a different formula than the usual

"fixed basket of goods"  $\frac{(\sum q_0 p_1)}{(\sum q_0 p_0)}$ , if changes in prices are to be measured adequately.

There is also the problem of adequately weighting a new commodity that is gaining in importance. Soybeans, for example, were relatively unimportant in the early thirties; they accounted for less than 10 percent of the sales of crops on some types of Corn Belt farms. Production and sales of soybeans on these farms increased steadily over the years and in recent years, sales of soybeans have accounted for about a third of the crop sales. The price-index formula whereby current-year and base-year prices are weighted by current quantities, as used here in the construction of index numbers of prices received and prices paid, simplifies the problem of new commodities and intermittent sales or purchases of various items and gives representative measures of changes in prices received and prices paid.

TABLE 3.--Dairy farms, central Northeast:

	ITEM	UNIT	1930	1931	1932	1933	1934	1935	1936	1937
1	Land in farm.....	Acres	170	171	170	171	171	172	173	174
2	Cropland harvested.....	do.	63	63	60	62	63	63	64	64
3	Open pasture.....	do.	59	60	61	62	63	63	64	64
4	Other land.....	do.	48	48	49	47	46	46	45	46
	Crops harvested:									
5	Corn.....	do.	5.0	5.5	5.5	5.6	6.1	6.4	6.5	6.6
6	Small grains.....	do.	16.7	14.4	13.0	13.3	13.9	13.9	13.8	13.8
7	Hay.....	do.	40.2	41.4	40.5	41.4	41.0	41.5	42.2	42.3
	Crop yields per harvested acre:									
8	Corn for silage.....	Tons	8.3	10.5	9.5	9.0	9.5	9.5	8.5	9.5
9	Oats.....	Bushels	38.0	27.0	31.0	20.5	27.5	30.0	22.0	25.0
10	Hay.....	Tons	1.2	1.3	1.2	1.1	1.0	1.4	1.1	1.4
	Livestock on farm, January 1:									
11	All cattle.....	Number	25.9	25.5	25.4	25.7	25.3	23.5	24.0	25.3
12	Cows and heifers, 2 years old and over..	do.	17.7	18.0	18.1	18.2	17.8	16.2	16.4	17.0
13	Chickens.....	do.	71	69	70	72	73	69	69	75
14	Horses and mules.....	do.	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7
15	Pigs raised.....	do.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
16	Tractors on farm.....	do.	.21	.22	.23	.23	.23	.24	.27	.31
17	Total labor used.....	Hours	5,490	5,480	5,280	5,280	5,100	5,030	5,020	5,240
18	Operator and family.....	do.	4,050	3,990	3,700	3,610	3,390	3,270	3,220	3,480
19	Hired.....	do.	1,440	1,490	1,580	1,670	1,710	1,760	1,800	1,760
20	Total farm capital, January 1.....	Dollars	11,100	10,000	7,900	7,600	8,000	8,400	8,800	9,000
21	Land and buildings.....	do.	6,300	5,780	4,600	4,800	5,000	5,200	5,200	5,200
22	Machinery and equipment.....	do.	1,300	1,300	1,100	1,000	1,000	1,000	1,000	1,000
23	Livestock.....	do.	2,900	2,200	1,600	1,400	1,400	1,400	2,000	2,100
24	Crops for sale, feed and seed.....	do.	600	800	600	400	600	800	600	700
25	Total cash receipts.....	do.	2,886	2,192	1,559	1,659	1,905	2,024	2,173	2,327
26	Crops.....	do.	57	38	27	44	41	34	37	26
27	Cattle and calves.....	do.	276	183	121	129	185	163	143	145
28	Dairy products.....	do.	2,253	1,751	1,219	1,310	1,468	1,527	1,719	1,847
29	Poultry and eggs.....	do.	244	191	163	154	183	260	232	238
30	Forest products.....	do.	56	29	29	22	25	37	27	30
31	Other, including Government payments.....	do.	---	---	---	---	3	3	15	41
32	Total cash expenditures.....	do.	2,184	1,704	1,340	1,346	1,539	1,661	1,798	2,149
33	Feed purchased.....	do.	178	505	403	434	525	519	567	698
34	Livestock purchased.....	do.	72	58	49	41	36	54	56	60
35	Other livestock expense.....	do.	57	53	47	46	48	51	53	58
36	Fertilizer and lime.....	do.	85	63	41	40	51	59	69	82
37	Other crop expense.....	do.	113	97	66	58	84	103	81	110
38	Machinery.....	do.	412	367	281	304	338	355	405	513
39	Farm buildings and fences.....	do.	119	71	37	51	64	108	115	142
40	Labor hired.....	do.	322	267	214	185	205	217	244	269
41	Taxes.....	do.	177	179	165	154	155	163	171	181
42	Other.....	do.	49	44	37	33	33	32	37	36
43	Net cash farm income.....	do.	702	488	219	313	366	363	375	178
44	Value of perquisites.....	do.	464	384	317	332	349	387	414	414
45	Change in inventory:									
46	Crops and livestock.....	do.	114	40	-3	-80	-163	146	-60	220
46	Machinery and buildings.....	do.	-51	-91	-152	-101	-81	-19	14	99
47	Net farm income.....	do.	1,229	821	387	464	471	877	743	911
48	Charge for capital.....	do.	659	591	471	456	466	478	487	497
49	Return to operator and family labor.....	do.	570	230	-90	8	5	399	256	414
50	Purchasing power in 1937-41 dollars.....	do.	491	230	-106	9	5	399	256	402
51	Return per hour in current dollars.....	do.	.14	.06	-.02	0	0	.12	.08	.12
	Index numbers (1947-49=100):									
52	Gross farm income.....	Percent	39	30	21	22	24	29	29	34
53	Net farm income.....	do.	32	21	10	12	12	23	19	23
54	Net farm production.....	do.	82	83	78	75	71	79	71	84
55	Crop yields per acre.....	do.	80	89	83	74	72	88	72	91
56	Production per hour of man labor.....	do.	79	79	78	74	73	83	74	84
57	Production per unit of input.....	do.	97	94	93	90	88	96	88	97
58	Operating expense per unit of production	do.	57	47	41	41	47	45	52	52
59	Total cost per unit of production.....	do.	61	51	42	41	46	44	50	49
60	Power and machinery, January 1.....	do.	86	83	79	74	71	67	66	68
61	Prices received for products sold.....	do.	50	38	28	29	34	39	41	42
62	Prices paid, incl. wages to hired labor.	do.	57	48	39	38	43	45	46	51

Organization, production, costs and returns, 1930-51

1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	
175	176	177	178	179	182	183	185	186	188	190	190	191	193	1
64	64	65	65	66	66	67	70	70	66	71	70	71	72	2
65	65	66	66	66	66	67	67	68	69	70	70	70	72	3
46	47	46	47	47	50	49	48	48	53	49	50	50	49	4
6.7	6.8	6.7	6.8	6.8	6.8	7.4	6.9	7.2	7.1	8.0	8.5	8.7	8.8	5
14.1	14.0	14.5	14.3	14.2	11.7	10.8	14.0	14.3	12.3	15.6	15.6	16.3	16.6	6
42.1	41.5	42.3	42.3	43.4	46.5	47.5	48.2	47.6	46.0	46.5	45.5	45.5	46.0	7
10.0	8.9	8.0	10.0	10.0	9.2	8.5	8.4	9.3	9.0	10.0	10.3	10.0	9.9	8
33.0	31.5	36.5	30.0	38.0	17.0	31.0	29.0	40.0	27.5	40.0	29.0	43.0	48.0	9
1.4	1.2	1.5	1.1	1.5	1.6	1.4	1.6	1.6	1.6	1.6	1.3	1.6	1.7	10
27.2	28.3	29.4	29.7	29.6	29.9	31.5	32.8	32.2	32.4	32.8	33.4	34.0	34.4	11
16.3	18.7	19.4	19.8	19.9	20.1	20.8	21.9	21.9	22.0	21.8	22.0	22.4	22.5	12
66	70	73	69	73	83	85	76	88	78	85	81	91	90	13
2.7	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.1	1.9	1.7	1.6	1.5	1.4	14
1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	15
.35	.37	.39	.43	.48	.53	.57	.62	.67	.80	.89	.97	1.06	1.14	16
5,340	5,310	5,440	5,350	5,420	5,480	5,500	5,530	5,330	5,300	5,230	5,200	5,040	4,860	17
3,540	3,470	3,640	3,590	3,760	3,960	4,020	4,130	3,980	4,040	4,060	4,020	3,890	3,730	18
1,800	1,840	1,800	1,760	1,660	1,580	1,480	1,400	1,350	1,260	1,170	1,180	1,150	1,130	19
9,100	9,400	9,600	10,100	11,200	13,000	14,000	15,400	16,900	19,400	21,000	24,000	23,200	25,700	20
5,200	5,300	5,300	5,700	5,900	6,400	7,100	8,000	9,100	10,200	11,000	11,800	11,500	12,200	21
1,100	1,200	1,200	1,300	1,500	1,600	1,600	1,700	1,800	2,000	2,300	2,900	3,500	3,000	22
2,300	2,300	2,200	2,400	2,800	4,000	4,200	4,300	4,500	5,800	6,100	7,300	6,200	7,400	23
500	600	900	700	1,000	1,000	1,100	1,400	1,400	1,400	1,600	2,000	2,000	2,300	24
2,261	2,311	2,715	3,324	4,144	4,874	5,670	6,305	7,095	7,593	8,622	7,379	7,463	8,718	25
20	27	27	24	36	63	81	81	45	62	72	80	42	41	26
217	212	268	320	405	413	345	557	646	799	1,007	880	1,065	1,291	27
1,737	1,764	2,127	2,634	3,236	3,671	4,002	4,291	5,311	5,953	6,758	5,705	5,635	6,510	28
223	217	218	269	359	518	444	493	547	624	694	632	621	770	29
34	32	33	28	51	60	62	25	35	81	53	49	63	60	30
30	39	42	49	57	149	736	858	511	74	38	33	37	46	31
2,016	2,078	2,241	2,534	2,874	3,219	3,873	3,954	4,309	4,830	5,556	5,175	5,409	5,804	32
571	580	660	767	970	1,276	1,716	1,688	1,822	2,079	2,394	1,867	1,982	2,071	33
55	53	49	36	98	86	84	66	75	92	126	115	121	172	34
62	70	76	83	89	93	98	107	120	137	139	154	163	172	35
83	90	112	142	139	146	172	180	193	209	225	241	232	246	36
99	82	93	87	113	137	155	186	191	214	288	269	251	271	37
516	544	575	619	645	555	694	776	804	826	1,078	1,211	1,349	1,456	38
129	150	164	214	192	175	163	149	271	345	389	350	314	332	39
274	271	274	341	420	501	535	533	541	588	552	536	538	577	40
187	195	193	194	192	185	186	191	204	239	260	298	323	342	41
40	43	45	51	56	65	70	78	87	101	107	114	144	165	42
245	233	474	790	1,270	1,655	1,797	2,351	2,787	2,763	3,064	2,204	2,054	2,914	43
391	387	402	464	565	695	674	746	803	935	980	935	931	1,025	44
115	-58	111	124	228	-9	109	86	131	-211	470	-240	353	322	45
70	102	122	164	113	-19	70	78	167	155	315	305	201	214	46
821	664	1,109	1,294	2,176	2,322	2,650	3,261	3,868	3,642	4,829	3,204	3,539	4,475	47
493	489	498	531	576	665	704	735	833	976	1,071	1,225	1,216	1,378	48
328	175	611	763	1,600	1,657	1,946	2,526	3,055	2,666	3,758	1,979	2,323	3,097	49
335	180	630	727	1,333	1,237	1,380	1,718	1,874	1,396	1,660	1,010	1,173	1,434	50
.09	.05	.17	.21	.43	.42	.48	.61	.77	.66	.93	.49	.60	.83	51
31	30	37	42	56	63	73	81	91	94	114	92	99	114	52
21	17	28	33	56	60	68	84	100	94	124	82	91	115	53
85	81	92	86	98	87	87	94	97	98	164	98	113	113	54
94	83	95	83	99	92	93	99	106	98	109	93	110	116	55
83	80	88	85	94	83	83	89	96	97	104	99	117	122	56
96	92	99	93	101	92	92	96	99	100	103	97	105	106	57
49	51	50	57	60	75	84	81	86	97	103	100	96	103	58
47	49	47	55	58	74	81	80	85	98	100	102	96	102	59
72	74	78	84	87	91	88	93	99	96	96	108	126	126	60
38	38	42	49	59	70	71	73	89	96	112	92	88	103	61
48	47	49	53	60	68	75	77	85	97	105	98	98	106	62



TABLE 4.--Dairy farms, eastern Wisconsin:

	ITEM	UNIT	1930	1931	1932	1933	1934	1935	1936	1937
1	Land in farm.....	Acres	114	114	114	114	115	115	115	115
2	Cropland harvested.....	do.	58	58	57	57	57	63	63	65
	Crops harvested:									
3	Corn for grain.....	do.	2.9	3.7	4.1	4.5	4.4	5.4	2.4	4.7
4	Corn for silage.....	do.	9.1	8.9	8.4	8.1	8.8	8.4	9.9	9.8
5	Small grains.....	do.	32.6	22.8	26.8	24.8	24.4	26.9	25.9	27.6
6	Hay.....	do.	20.8	19.7	17.0	17.2	17.2	19.8	22.3	20.4
	Crop yields per harvested acre:									
7	Corn for grain.....	Bushels	38.3	32.6	39.2	38.8	33.4	37.0	27.2	34.0
8	Corn for silage.....	Tons	7.8	6.7	7.9	8.5	7.4	8.3	4.6	6.8
9	Oats.....	Bushels	42.7	28.5	39.4	32.1	32.1	37.8	30.1	34.4
10	Hay.....	Tons	1.5	1.3	1.3	1.6	1.1	2.0	1.5	1.4
	Livestock on farm, January 1:									
11	All cattle.....	Number	19.4	19.9	20.1	20.1	20.7	20.7	20.9	21.4
12	Cows and heifers, 2 years old and over.....	do.	14.0	14.4	14.5	14.7	15.2	15.1	15.1	15.2
13	Chickens.....	do.	87	90	90	89	93	93	98	103
14	Horses and mules.....	do.	3.5	3.4	3.3	3.2	3.2	3.4	3.4	3.4
15	Pigs raised.....	do.	13.3	15.3	14.1	15.8	15.1	11.7	15.8	13.9
16	Tractors on farm.....	do.	.44	.45	.45	.47	.49	.49	.51	.53
17	Total labor used.....	Hours	5,340	5,410	5,400	5,460	5,570	5,740	5,680	5,010
18	Operator and family.....	do.	4,710	4,810	4,830	4,880	4,930	5,010	4,870	5,080
19	Hired.....	do.	630	600	570	580	640	730	810	730
20	Total farm capital, January 1.....	Dollars	15,820	13,870	11,860	10,330	10,430	11,070	11,890	12,510
21	Land and buildings.....	do.	11,740	10,440	9,200	8,090	8,090	8,300	8,540	9,010
22	Machinery and equipment.....	do.	1,280	1,210	1,110	1,000	960	990	1,050	1,150
23	Livestock.....	do.	2,150	1,570	1,090	840	860	1,020	1,790	1,750
24	Crops for sale, feed and seed.....	do.	650	650	460	400	520	760	510	600
25	Total cash receipts.....	do.	2,262	1,680	1,131	1,207	1,454	1,867	2,146	2,293
26	Crops.....	do.	233	117	65	81	140	155	144	178
27	Cattle and calves.....	do.	285	201	142	124	155	232	242	296
28	Hogs.....	do.	225	167	87	93	109	169	255	242
29	Dairy products.....	do.	1,304	938	716	777	863	1,040	1,276	1,329
30	Poultry and eggs.....	do.	215	177	121	108	156	224	199	191
31	Other, including Government payments.....	do.	---	---	---	24	31	47	26	57
32	Total cash expenditures.....	do.	1,339	1,044	760	712	851	944	1,180	1,468
33	Feed purchased.....	do.	271	218	141	141	205	125	227	389
34	Livestock purchased.....	do.	10	8	6	7	7	10	8	11
35	Other livestock expense.....	do.	11	10	7	3	8	10	10	12
36	Fertilizer and lime.....	do.	13	11	6	3	6	10	18	35
37	Other crop expense.....	do.	12	25	16	11	12	15	18	543
38	Machinery.....	do.	518	400	324	294	337	404	474	187
39	Farm buildings and fences.....	do.	165	103	54	71	85	143	169	127
40	Labor hired.....	do.	146	106	69	62	72	86	125	127
41	Taxes.....	do.	158	135	114	97	95	107	107	122
42	Other.....	do.	35	28	23	20	24	26	29	33
43	Net cash farm income.....	do.	923	556	371	495	603	923	966	825
44	Value of perquisites.....	do.	443	356	292	293	324	388	407	409
45	Change in inventory:									
45	Crops and livestock.....	do.	61	-113	21	39	-149	197	-291	56
46	Machinery and buildings.....	do.	-47	-137	-181	-139	-117	-4	51	113
47	Net farm income.....	do.	1,380	662	503	688	661	1,504	1,133	1,403
48	Charge for capital.....	do.	939	818	696	593	582	595	604	616
49	Return to operator and family labor.....	do.	441	-156	-193	95	79	909	529	787
50	Purchasing power in 1937-41 dollars.....	do.	380	-156	-227	109	81	909	529	764
51	Return per hour in current dollars.....	do.	.09	-.03	-.04	.02	.02	.18	.11	.15
	Index numbers (1947-49=100):									
52	Gross farm income.....	Percent	35	23	18	19	20	31	28	35
53	Net farm income.....	do.	32	15	12	16	15	34	26	32
54	Net farm production.....	do.	77	68	72	73	72	86	73	78
55	Crop yields per acre.....	do.	81	65	77	77	77	86	65	71
56	Production per hour of man labor.....	do.	77	67	71	71	69	80	69	71
57	Production per unit of input.....	do.	87	78	82	84	83	97	82	87
58	Operating expense per unit of production.....	do.	52	48	37	37	38	34	45	49
59	Total cost per unit of production.....	do.	64	57	45	40	42	39	50	51
60	Power and machinery, January 1.....	do.	67	63	61	55	51	51	53	57
61	Prices received for products sold.....	do.	47	34	25	26	29	39	42	44
62	Prices paid, incl. wages to hired labor.....	do.	57	47	41	39	44	47	48	53

Organization, production, costs and returns, 1930-51

1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	
115 63	115 62	115 62	115 61	116 62	117 63	117 66	118 66	119 66	119 66	120 66	121 67	122 67	123 66	1
5.7 8.2 26.5 20.6	5.1 7.9 24.5 22.3	5.1 8.0 23.7 23.2	5.2 7.6 22.3 23.7	5.7 8.1 22.4 23.3	6.2 8.3 22.5 23.4	7.1 9.0 23.3 24.1	8.5 9.5 23.3 24.3	6.2 9.4 23.2 25.0	6.6 9.2 23.5 24.8	6.6 9.3 24.5 23.6	7.5 8.5 24.7 23.6	6.5 9.6 24.7 23.8	6.4 8.6 24.5 24.4	2 3 4 5
41.5 8.8 37.9 2.0	40.4 8.2 34.0 1.6	43.3 9.0 47.9 2.1	42.4 8.5 38.5 1.8	46.9 8.7 49.4 2.1	47.2 8.7 44.1 1.9	48.1 8.6 49.0 1.8	44.2 8.1 60.9 2.0	48.3 8.1 52.9 1.7	47.2 8.5 51.4 1.8	48.3 8.4 50.7 1.7	55.0 10.1 47.1 2.8	48.3 8.6 55.7 2.1	48.8 8.5 57.3 2.8	7 8 9 10
21.4 15.2 93 3.4	21.4 15.1 90 3.3	22.4 15.6 91 3.2	23.2 15.8 90 3.1	24.2 16.5 99 3.0	24.6 16.9 108 2.9	25.5 17.4 114 2.8	26.1 17.8 107 2.5	26.2 18.0 112 2.3	26.1 18.1 108 2.0	25.6 18.0 106 1.8	25.1 17.5 104 1.6	25.3 17.5 107 1.4	25.8 17.5 104 1.2	11 12 13 14
14.7 .56	16.3 .59	19.1 .62	18.7 .65	21.9 .69	24.3 .74	23.1 .79	18.5 .88	19.9 .92	18.4 .97	18.8 1.06	20.2 1.14	20.8 1.22	24.5 1.32	15 16
5,810 5,050 760	5,670 4,930 740	5,870 5,090 780	5,760 5,060 760	5,970 5,210 760	5,960 5,200 760	5,910 5,130 780	5,830 4,900 930	5,690 4,780 910	5,560 4,670 890	5,360 4,500 860	5,090 4,280 810	4,990 4,190 800	4,880 4,160 780	17 18 19
12,600 8,920 1,290 1,880 510	12,370 8,700 1,330 1,800 540	12,220 8,550 1,330 1,830 510	12,400 8,340 1,470 1,940 650	14,000 8,980 1,740 2,610 670	15,280 9,390 1,880 3,170 840	17,070 10,410 2,020 3,460 1,180	18,320 11,290 2,220 3,360 1,580	20,410 12,870 2,220 3,730 1,590	24,480 15,360 2,640 4,700 1,780	27,660 16,940 3,370 5,090 2,260	29,960 17,950 4,270 5,640 2,120	28,530 16,940 4,530 5,070 1,990	33,700 20,320 5,010 6,160 2,210	20 21 22 23 24
2,112 202 266 223 1,147 202 72	2,042 164 294 206 1,109 167 102	2,250 186 308 202 1,291 172 91	3,037 197 349 355 1,791 243 102	3,976 266 490 612 2,112 391 105	4,803 292 474 750 2,641 511 135	5,319 318 527 666 2,780 471 557	5,783 473 609 603 2,953 517 628	6,878 479 693 759 3,956 505 486	7,280 563 974 991 4,014 625 113	7,899 416 1,177 975 4,610 628 93	6,393 265 1,035 782 3,593 600 118	6,510 263 1,254 809 3,669 494 121	8,068 286 1,410 1,056 4,548 635 133	25 26 27 28 29 30 31
1,290 236 11 9 14 33 522 179 128 127 31	1,220 210 11 7 12 18 505 184 119 124 30	1,528 340 9 21 21 23 672 190 122 108 34	1,670 298 14 21 28 15 790 213 158 108 37	2,207 705 11 12 58 33 782 238 200 114 45	2,371 879 24 27 49 32 931 237 246 115 49	2,817 1,020 22 13 10 21 931 217 286 132 55	2,567 835 27 13 89 40 927 206 296 152 80	3,029 807 40 99 109 64 1,015 320 331 168 91	3,718 915 46 119 132 64 1,334 415 368 212 113	4,587 1,112 40 142 157 82 1,812 502 371 235 144	4,084 774 52 160 138 71 1,701 410 371 250 146	4,362 830 46 191 154 71 1,902 426 342 268 152	4,935 996 45 191 158 75 2,109 524 381 275 180	32 33 34 35 36 37 38 39 40 41 42
822 371 137 47 1,377 604 773 789 .15 33 32 87 71 80 95 41 45 61 39 50	822 357 -39 74 1,214 588 626 645 .13 30 28 83 80 92 40 45 62 36 49	722 356 175 102 1,355 563 792 816 .16 35 31 90 99 82 94 44 45 64 38 48	1,367 430 9 245 2,051 573 1,478 1,408 .30 44 47 89 87 83 94 61 51 68 50 54	1,769 490 186 84 2,529 638 1,891 1,576 .36 58 58 93 102 83 93 61 72 80 60 60	2,432 546 114 -23 3,059 697 2,372 1,770 .46 68 70 92 95 82 89 61 82 79 71 67	2,502 529 82 4 3,117 773 2,344 1,662 .46 74 71 100 105 91 102 81 67 82 70 73	4,080 861 177 121 4,080 861 3,219 2,190 .66 82 93 97 97 91 99 75 85 89 74 74	4,576 968 -235 299 4,576 968 3,608 2,213 .75 92 105 97 102 98 96 102 90 89 90 82	4,722 1,141 -51 458 4,722 1,141 3,581 1,875 .77 100 108 102 97 98 96 102 90 89 100 96	4,717 1,305 -199 748 4,717 1,305 2,203 1,124 .51 93 84 101 105 106 101 101 100 113 89 99	3,660 1,457 228 337 3,660 1,457 2,165 1,093 .52 94 82 102 107 109 101 106 100 118 91 103	4,929 1,676 369 562 4,929 1,676 3,253 1,506 .79 117 113 108 120 118 105 112 100 121 108 112	43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62	

TABLE 5.--Dairy farms, western Wisconsin:

	ITEM	UNIT	1930	1931	1932	1933	1934	1935	1936	1937
1	Land in farm.....	Acres	130	127	127	127	127	127	128	129
2	Cropland harvested.....	do.	55	54	53	53	49	56	58	58
	Crops harvested:									
3	Corn for grain.....	do.	2.9	3.3	4.0	3.8	4.3	5.1	2.4	4.3
4	Corn for silage.....	do.	6.4	6.4	5.6	6.2	7.4	6.0	7.8	6.5
5	Small grains.....	do.	21.6	21.5	22.2	21.0	18.6	24.4	21.3	21.3
6	Hay.....	do.	22.2	21.1	19.9	21.0	17.4	18.5	25.6	24.0
	Crop yields per harvested acre:									
7	Corn for grain.....	Bushels	33.5	26.3	36.8	34.3	31.0	33.2	22.1	32.8
8	Corn for silage.....	Tons	6.4	5.0	6.5	6.9	6.3	7.1	3.7	6.7
9	Oats.....	Bushels	38.1	27.2	31.2	21.8	22.0	29.9	20.1	31.7
10	Hay.....	Tons	1.4	1.1	1.3	1.1	.8	1.8	1.3	1.5
	Livestock on farm, January 1:									
11	All cattle.....	Number	19.3	20.2	20.2	20.0	20.2	18.5	18.8	19.3
12	Cows and heifers, 2 years old and over.....	do.	13.1	13.8	13.8	13.8	14.0	13.1	13.0	13.0
13	Chickens.....	do.	76	79	78	78	83	80	85	92
14	Horses and mules.....	do.	3.6	3.4	3.4	3.4	3.4	3.4	3.4	3.5
15	Pigs raised.....	do.	10.8	11.6	18.4	12.0	11.1	7.7	10.7	9.5
16	Tractors on farm.....	do.	.20	.20	.21	.21	.22	.22	.23	.24
17	Total labor used.....	Hours	4,940	5,060	5,040	5,020	5,060	4,980	4,930	5,000
18	Operator and family.....	do.	4,460	4,600	4,580	4,560	4,580	4,430	4,350	4,460
19	Hired.....	do.	480	460	460	460	480	550	580	540
20	Total farm capital, January 1.....	Dollars	12,820	10,770	8,840	7,420	7,360	7,740	8,460	8,910
21	Land and buildings.....	do.	9,300	7,980	6,670	5,580	5,510	5,640	5,800	6,120
22	Machinery and equipment.....	do.	890	800	750	680	640	640	660	700
23	Livestock.....	do.	2,070	1,520	1,060	820	840	920	1,600	1,580
24	Crops for sale, feed and seed.....	do.	560	550	360	340	370	540	400	510
25	Total cash receipts.....	do.	1,751	1,217	838	858	1,009	1,315	1,489	1,602
26	Crops.....	do.	96	47	25	29	43	50	35	51
27	Cattle and calves.....	do.	250	177	116	102	135	191	193	240
28	Hogs.....	do.	174	126	65	63	71	93	155	145
29	Dairy products.....	do.	1,051	724	538	561	612	766	926	963
30	Poultry and eggs.....	do.	180	143	94	85	126	181	162	163
31	Other, including Government payments.....	do.	---	---	---	18	22	34	18	40
32	Total cash expenditures.....	do.	872	751	565	528	638	649	750	1,004
33	Feed purchased.....	do.	131	144	103	121	199	88	105	255
34	Livestock purchased.....	do.	9	7	5	6	6	9	11	8
35	Other livestock expense.....	do.	10	9	5	5	6	7	6	8
36	Fertilizer and lime.....	do.	10	8	5	3	6	10	10	11
37	Other crop expense.....	do.	11	27	18	12	11	13	22	41
38	Machinery.....	do.	334	288	244	205	221	266	308	358
39	Farm buildings and fences.....	do.	108	68	34	45	53	90	105	122
40	Labor hired.....	do.	99	68	45	41	47	65	61	84
41	Taxes.....	do.	136	112	92	74	72	81	61	93
42	Other.....	do.	24	20	15	16	17	20	20	22
43	Net cash farm income.....	do.	879	466	272	330	371	666	739	598
44	Value of perquisites.....	do.	433	334	263	266	298	372	396	401
45	Change in inventory:									
45	Crops and livestock.....	do.	59	-129	48	-36	-167	180	-188	124
46	Machinery and buildings.....	do.	-19	-73	111	-86	-77	-7	29	70
47	Net farm income.....	do.	1,352	598	694	474	425	1,211	976	1,193
48	Charge for capital.....	do.	764	639	921	428	413	417	433	442
49	Return to operator and family labor.....	do.	588	-41	173	46	12	794	543	751
50	Purchasing power in 1937-41 dollars.....	do.	507	-41	204	53	12	794	543	729
51	Return per hour in current dollars.....	do.	.13	-.01	.04	.01	1/	.18	.12	.17
	Index numbers (1947-49 = 100):									
52	Gross farm income.....	Percent	36	23	18	18	18	30	27	34
53	Net farm income.....	do.	41	18	21	14	13	37	30	36
54	Net farm production.....	do.	87	74	78	71	66	88	75	83
55	Crop yields per acre.....	do.	91	70	87	73	62	96	67	89
56	Production per hour of man labor.....	do.	84	69	74	67	62	84	72	78
57	Production per unit of input.....	do.	100	85	101	85	79	104	88	96
58	Operating expense per unit of production.....	do.	39	40	21	31	38	29	36	41
59	Total cost per unit of production.....	do.	57	53	36	38	43	35	45	45
60	Power and machinery, January 1.....	do.	62	55	54	50	45	44	45	46
61	Prices received for products sold.....	do.	46	31	23	24	27	37	40	42
62	Prices paid, incl. wages to hired labor.....	do.	57	47	40	37	42	45	46	52

Less than one cent.

Organization, production, costs and returns, 1930-51

1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	
129 57	130 56	131 57	131 57	132 56	132 58	132 59	133 61	134 60	135 59	136 60	137 60	138 60	139 60	1 2
5.4 5.5 21.3 23.9	5.8 5.6 18.0 25.7	5.6 6.0 17.3 26.7	6.0 5.7 16.9 27.1	6.6 6.0 16.8 25.5	6.7 6.2 17.3 25.8	7.0 7.3 17.1 26.1	6.3 7.7 18.8 26.2	5.9 7.4 18.1 26.8	6.3 6.9 17.8 26.9	6.8 6.9 18.4 26.1	7.7 6.3 18.6 25.8	6.7 7.1 18.6 26.4	6.6 6.4 18.4 26.9	3 4 5 6
36.9 8.2 24.9 1.6	39.0 8.0 30.5 1.4	41.1 8.3 40.9 1.7	40.0 8.1 27.8 1.7	42.9 7.8 40.0 1.9	43.4 8.2 36.0 1.8	42.3 7.9 36.6 1.5	40.0 7.6 42.6 1.8	41.3 7.5 34.1 1.5	42.0 8.0 37.3 1.6	43.5 8.6 37.8 1.2	49.6 10.3 35.2 1.4	43.5 8.8 41.6 1.5	43.9 8.7 42.7 1.9	7 8 9 10
19.8 13.3 83 3.4	20.7 13.8 82 3.4	21.5 14.3 87 3.4	22.2 14.5 87 3.3	23.2 15.3 99 3.2	23.8 15.8 109 3.2	24.8 16.3 116 3.1	25.0 16.8 112 2.9	25.0 16.6 111 2.7	24.7 16.4 108 2.5	24.3 16.2 105 2.2	23.8 15.7 103 2.0	24.0 15.7 106 1.6	24.5 16.5 103 1.5	11 12 13 14
10.2 .26	11.4 .29	13.8 .32	13.9 .35	15.7 .39	17.6 .44	16.5 .50	11.0 .56	11.8 .59	11.0 .63	11.1 .71	11.9 .78	12.2 .85	14.4 .90	15 16
5,050 4,510 540	5,100 4,620 560	5,350 4,750 580	5,310 4,730 580	5,470 4,870 600	5,490 4,890 600	5,440 4,850 590	5,390 4,850 540	5,150 4,630 520	4,980 4,460 500	4,710 4,240 470	4,550 4,090 460	4,440 4,000 440	4,320 3,890 430	17 18 19
8,890 5,890 790 1,710 500	8,470 5,540 810 1,700 420	8,260 5,240 810 1,740 470	8,300 5,000 900 1,840 560	9,420 5,270 1,080 2,470 600	10,530 5,520 1,270 3,000 740	11,700 5,990 1,400 3,290 1,020	12,500 6,650 1,480 3,160 1,210	13,860 7,520 1,680 3,440 1,220	15,460 8,850 2,000 4,270 1,340	18,590 9,710 2,570 4,590 1,720	20,250 10,310 3,280 5,090 1,570	19,320 9,710 3,500 4,590 1,570	22,610 11,510 3,860 5,580 1,660	20 21 22 23 24
1,461 59 215 141 827 168 51	1,445 50 253 133 793 143 73	1,663 61 266 138 973 155 70	2,360 71 305 249 1,423 231 81	3,158 98 460 421 1,736 357 86	3,916 116 436 518 2,182 550 114	4,266 124 481 456 2,278 463 464	4,462 186 556 318 2,374 516 512	5,215 183 624 435 3,100 489 384	5,483 182 889 554 3,170 604 84	6,165 130 1,060 540 3,758 605 72	5,129 118 928 432 2,966 592 93	5,334 117 1,133 447 3,054 487 96	6,534 139 1,279 584 3,800 626 166	25 26 27 28 29 30 31
851 137 10 7 11 39 334 116 83 94 20	857 171 6 7 11 39 334 121 79 91 20	1,083 238 9 20 23 447 123 81 111 24	1,247 274 13 7 28 13 537 141 105 102 27	1,634 554 21 8 56 33 523 158 133 115 33	1,801 720 24 9 48 24 503 142 163 119 36	2,190 829 22 11 69 49 654 145 200 151 41	2,189 857 28 0 80 31 697 145 224 171 60	2,673 880 46 78 95 115 64 1,045 291 239 219 66	3,146 948 46 95 115 57 1,431 359 258 239 84	3,734 1,009 40 109 130 57 1,344 296 250 257 102	3,254 626 50 123 118 94 1,450 296 250 257 106	3,502 737 46 146 126 74 1,654 309 231 273 110	3,912 815 46 146 127 75 1,654 383 256 281 129	32 33 34 35 36 37 38 39 40 41 42
610	588	580	1,113	1,524	2,115	2,068	2,273	2,542	2,337	2,431	1,865	1,832	2,622	43
354	333	346	431	455	504	472	489	567	632	696	625	575	658	44
97 29	51 11	130 79	51 186	179 80	84 6	-93 24	130 126	-325 157	-7 392	-295 644	204 328	85 361	240 509	45 46
1,090	983	1,135	1,781	2,238	2,709	2,471	3,008	2,941	3,354	3,476	3,022	2,873	4,029	47
430	408	385	392	437	491	542	601	671	789	904	1,020	984	1,171	48
661 674 .15	575 593 .12	750 773 .16	1,389 1,323 .29	1,801 1,501 .37	2,218 1,655 .45	1,929 1,368 .46	2,407 1,637 .50	2,270 1,393 .49	2,565 1,343 .57	2,572 1,273 .61	2,002 1,021 .49	1,889 954 .47	2,858 1,323 .73	49 50 51
31 33 87 91 82 99 35 42 50 36 48	29 30 86 91 79 96 36 42 51 34 46	34 35 93 107 83 100 38 41 51 36 49	46 54 93 98 84 100 40 47 55 49 52	61 68 99 113 85 100 53 56 66 59 59	73 82 97 109 84 99 61 67 69 71 67	75 75 90 100 84 91 77 80 74 69 72	82 92 96 110 84 98 70 78 85 72 73	88 90 98 98 83 89 92 95 87 89 82	96 102 99 103 94 99 95 107 88 99 97	106 106 95 104 95 105 110 107 98 111 104	96 92 107 103 111 105 95 95 114 90 99	97 87 106 104 113 104 101 96 120 91 102	120 123 111 116 122 109 107 104 122 110 112	52 53 54 55 56 57 58 59 60 61 62

TABLE 6.--Hog-dairy farms, Corn Belt:

	ITEM	UNIT	1930	1931	1932	1933	1934	1935	1936	1937
1	Land in farm.....	Acres	155	155	155	155	155	155	155	155
2	Cropland harvested.....	do.	96	95	96	93	79	92	90	92
	Crops harvested:									
3	Corn for grain.....	do.	31.9	31.7	32.9	30.9	25.5	31.6	31.2	31.9
4	Corn for silage.....	do.	4.3	4.6	4.0	4.3	5.4	4.4	6.9	4.7
5	Small grains.....	do.	33.2	32.1	34.1	31.6	27.7	30.4	29.7	33.2
6	Hay.....	do.	26.6	26.6	25.0	26.2	20.4	25.6	29.2	22.2
	Crop yields per harvested acre:									
7	Corn for grain.....	Bushels	36.0	40.0	47.0	41.0	37.0	45.7	30.1	47.0
8	Corn for silage.....	Tons	7.5	8.2	9.0	8.5	8.0	9.8	6.3	9.2
9	Oats.....	Bushels	39.0	35.0	38.0	27.0	14.0	37.0	32.8	45.5
10	Hay.....	Tons	1.6	1.6	1.7	1.6	1.2	2.1	1.5	1.8
	Livestock on farm, January 1:									
11	All cattle.....	Number	22.5	22.1	21.8	21.7	21.2	21.3	22.1	22.8
12	Cows and heifers, 2 years old and over.....	do.	13.6	13.5	13.4	13.4	13.2	13.0	13.2	13.6
13	Chickens.....	do.	158	149	140	136	141	124	129	134
14	Horses and mules.....	do.	4.0	4.0	3.9	3.9	3.9	3.7	3.5	3.3
15	Pigs raised.....	do.	65	74	70	71	50	52	58	59
16	Tractors on farm.....	do.	.26	.32	.33	.33	.33	.34	.39	.44
17	Total labor used.....	Hours	5,650	5,650	5,520	5,400	5,010	5,120	5,130	5,130
18	Operator and family.....	do.	4,470	4,580	4,450	4,360	4,040	4,010	4,170	3,998
19	Hired.....	do.	1,190	1,070	1,060	1,040	970	1,110	1,020	1,140
20	Total farm capital, January 1.....	Dollars	20,200	17,300	13,570	10,370	11,490	12,850	14,580	14,970
21	Land and buildings.....	do.	14,720	12,710	10,230	7,750	8,680	9,460	10,390	10,380
22	Machinery and equipment.....	do.	1,360	1,370	1,290	1,150	1,060	1,070	1,150	1,260
23	Livestock.....	do.	2,730	2,090	1,300	1,040	1,050	1,070	2,160	2,050
24	Crops for sale, feed and seed.....	do.	1,390	1,130	750	430	700	1,250	880	1,270
25	Total cash receipts.....	do.	2,945	2,108	1,435	1,479	1,752	2,121	3,001	2,970
26	Crops.....	do.	31	0	0	52	0	0	142	0
27	Cattle and calves.....	do.	389	250	177	167	175	212	227	279
28	Hogs.....	do.	1,128	828	494	527	613	681	1,347	1,337
29	Dairy products.....	do.	1,081	801	606	592	631	786	973	1,008
30	Poultry and eggs.....	do.	316	229	158	141	175	217	214	234
31	Other, including Government payments.....	do.	---	---	---	---	158	225	98	172
32	Total cash expenditures.....	do.	1,801	1,496	1,178	1,065	1,321	1,428	1,535	1,960
33	Feed purchased.....	do.	170	192	128	107	315	160	161	385
34	Livestock purchased.....	do.	41	28	20	21	20	22	24	21
35	Other livestock expense.....	do.	83	74	61	59	59	53	63	67
36	Fertilizer and lime.....	do.	21	14	7	4	8	14	19	18
37	Other crop expense.....	do.	70	68	48	48	42	80	62	91
38	Machinery.....	do.	597	500	450	410	430	532	604	685
39	Farm buildings and fences.....	do.	213	142	85	83	114	170	191	220
40	Labor hired.....	do.	323	224	156	133	138	187	193	250
41	Taxes.....	do.	232	206	179	156	150	163	168	170
42	Other.....	do.	51	48	44	44	45	47	50	52
43	Net cash farm income.....	do.	1,144	612	257	414	431	693	1,466	1,010
44	Value of perquisites.....	do.	432	366	286	251	274	344	357	366
	Change in inventory:									
45	Crops and livestock.....	do.	-73	-59	37	-165	-676	558	-655	280
46	Machinery and buildings.....	do.	-11	-149	-202	-146	-80	41	78	138
47	Net farm income.....	do.	1,492	770	378	354	-51	1,636	1,246	1,794
48	Charge for capital.....	do.	1,232	1,053	824	607	643	702	750	754
49	Return to operator and family labor.....	do.	260	-283	-446	-253	-694	934	496	1,040
50	Purchasing power in 1937-41 dollars.....	do.	224	-283	-525	-291	-708	934	496	1,010
51	Return per hour in current dollars.....	do.	.06	-.06	-.10	-.06	.07	.23	.12	.26
	Index numbers (1947-49=100):									
52	Gross farm income.....	Percent	32	24	17	15	13	30	27	35
53	Net farm income.....	do.	26	14	7	6	-1	29	22	32
54	Net farm production.....	do.	71	71	76	69	53	71	64	77
55	Crop yields per acre.....	do.	74	74	84	72	57	86	62	88
56	Production per hour of man labor.....	do.	57	57	63	58	48	63	57	69
57	Production per unit of input.....	do.	75	75	82	77	65	83	81	88
58	Operating expense per unit of production.....	do.	59	52	41	41	55	45	52	51
59	Total cost per unit of production.....	do.	72	60	44	41	54	46	55	50
60	Power and machinery, January 1.....	do.	66	67	66	61	55	53	56	60
61	Prices received for products sold.....	do.	45	32	22	22	25	40	44	44
62	Prices paid, incl. wages to hired labor.....	do.	55	46	38	39	42	46	61	50

Organization, production, costs and returns, 1930-51

1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	
155 90	155 88	155 89	155 88	156 91	156 93	156 99	157 96	157 96	157 93	158 96	158 98	159 99	159 97	1 2
29.4 3.8 32.5 24.3	28.4 3.6 29.3 26.7	25.4 3.7 29.3 30.6	26.3 3.5 29.1 29.1	29.8 3.5 29.4 28.3	32.7 3.7 27.4 29.2	36.7 4.1 28.2 30.0	36.0 4.2 26.7 29.1	34.1 4.0 29.9 28.0	31.9 4.3 28.4 28.4	33.9 4.0 30.7 27.4	34.1 3.8 31.3 28.6	32.6 4.0 32.1 30.3	33.6 3.5 28.7 31.2	3 4 5 6
54.9 10.7 33.5 2.0	60.1 12.0 34.0 1.7	58.7 10.4 44.2 1.9	54.6 10.5 35.0 2.0	62.2 11.4 42.2 2.1	65.7 12.1 39.2 2.0	60.2 10.1 37.9 2.0	53.2 9.8 49.2 2.2	64.6 12.0 43.9 2.0	40.4 7.8 40.8 2.1	64.2 10.3 56.0 1.9	59.3 11.6 49.9 2.1	55.3 10.7 50.0 2.1	58.5 9.7 44.4 2.4	7 8 9 10
24.0 14.0 126 3.2	25.1 14.4 142 3.2	25.5 14.7 150 3.1	25.8 14.9 148 3.0	26.1 15.1 170 2.9	26.8 15.4 190 2.7	27.4 15.8 202 2.5	26.8 15.7 182 2.2	26.6 15.5 178 1.9	26.8 15.3 166 1.6	27.1 15.4 159 1.4	26.8 15.5 148 1.1	27.2 15.6 156 1.0	28.5 15.8 151 .9	11 12 13 14
66	74	74	81	89	97	81	85	78	82	84	101	106	111	15
.52	.54	.60	.66	.75	.82	.83	.90	.96	1.02	1.09	1.17	1.26	1.35	16
5.090 3.950 1.140	5.090 3.940 1.150	5.070 3.920 1.150	4.990 3.900 1.090	5.030 3.990 1.040	5.030 4.030 1.000	5.060 4.110 950	4.960 4.080 880	4.750 3.850 900	4.620 3.740 880	4.540 3.670 870	4.500 3.630 870	4.450 3.600 850	4.430 3.630 800	17 18 19
14.920 10.540 1.410 1.940 1.030	15.060 10.540 1.530 2.060 930	15.440 10.540 1.590 2.100 1,210	15.610 10.540 1.670 2.160 1,240	17.810 11,230 1.880 3.100 1,600	20.000 11,860 2,110 4,080 1,950	22.650 13,260 2,220 4,460 2,710	22.340 13,660 2,420 3,670 2,590	24.830 15,540 2,550 4,310 2,430	28,990 17,560 2,780 5,590 3,040	33,570 19,910 3,370 6,140 4,150	34,740 20,540 4,080 6,530 3,590	35,310 21,300 4,720 5,750 3,540	40,180 23,530 4,960 7,720 3,970	20 21 22 23 24
2.669 0 281 1,130 923 214 121	2.574 0 355 840 848 205 326	2.928 29 400 1,022 1,024 224 229	3.758 0 471 1,465 1,303 314 205	5.685 0 575 2,761 1,545 528 276	6.304 170 635 2,530 1,894 763 312	7.324 292 722 3,337 1,961 718 294	6.954 509 746 2,397 2,045 811 446	8.768 414 818 3,673 2,633 891 358	10.445 552 1,078 4,969 2,853 891 82	9.783 0 1,333 4,172 3,278 924 76	8.831 252 1,190 3,885 2,625 841 38	9.049 497 1,224 3,848 2,677 730 73	11,121 0 1,746 5,049 3,293 955 78	25 26 27 28 29 30 31
1.786 186 25 68 18 95 676 248 248 169 53	1.887 203 25 67 20 77 747 273 247 174 54	2.005 194 24 81 35 87 798 303 255 169 59	2.294 303 30 84 30 82 900 291 339 171 64	2.802 604 44 101 54 119 961 262 410 176 71	2.979 598 58 109 90 150 1,028 226 490 185 78	3.402 674 59 124 90 192 1,207 241 535 196 84	3.469 660 64 110 109 193 1,247 254 526 216 90	3.837 757 57 123 131 194 1,331 369 587 192 96	4.417 898 89 140 144 239 1,526 412 622 275 102	4.951 1,069 56 140 173 272 1,694 470 647 317 113	5.061 845 65 151 162 283 1,908 513 663 350 121	5.293 913 59 158 175 293 2,027 535 668 372 130	5.904 1,195 61 185 193 301 2,169 560 668 411 141	32 33 34 35 36 37 38 39 40 41 42
883	687	923	1,464	2,883	3,325	3,922	3,485	4,931	6,028	4,832	3,770	3,756	5,217	43
194	325	322	368	443	523	517	545	618	682	727	675	665	757	44
207 111	223 144	-97 184	114 214	246 139	383 4	-766 89	107 91	-100 165	-2,085 226	1,145 271	369 277	135 232	232 271	45 46
1,395	1,379	1,332	2,160	3,711	4,235	3,762	4,228	5,614	4,851	6,975	5,091	4,788	6,477	47
732	724	727	721	829	950	1,037	1,017	1,117	1,321	1,554	1,652	1,714	1,981	48
663 677 .17	655 675 .17	605 624 .15	1,439 1,370 .37	2,882 2,402 .72	3,285 2,451 .82	2,725 1,933 .66	3,211 2,184 .79	4,497 2,759 1.17	3,530 1,848 .94	5,421 2,684 1.48	3,439 1,755 .95	3,074 1,553 .85	4,496 2,081 1.24	49 50 51
30 25 81 94 72 90 47 48 65 37 49	31 24 83 96 74 90 48 47 70 33 48	31 24 86 101 77 92 48 47 74 32 50	42 38 84 93 76 104 55 55 76 46 73	63 66 95 106 86 99 60 58 80 60 60	71 75 98 107 88 98 69 69 86 68 69	69 67 98 101 88 97 74 77 87 65 74	75 75 99 101 90 98 76 79 92 69 77	91 100 101 108 97 101 80 83 95 85 81	89 86 89 83 87 88 103 104 94 105 94	114 124 103 111 104 106 99 99 107 86 103	97 90 108 106 109 106 98 97 107 86 104	97 85 105 102 108 103 105 102 119 87 104	119 115 110 107 113 106 112 109 119 102 112	52 53 54 55 56 57 58 59 60 61 62

TABLE 7.--Hog-beef raising farms, Corn Belt:

	ITEM	UNIT	1930	1931	1932	1933	1934	1935	1936	1937
1	Land in farm.....	Acres	180	180	178	177	176	175	176	177
2	Cropland harvested.....	do.	90	90	83	79	64	79	74	80
	Crops harvested:									
3	Corn.....	do.	40.4	37.7	34.4	30.9	23.3	26.2	28.0	30.8
4	Small grains.....	do.	21.9	21.7	21.3	19.1	16.1	23.5	18.5	23.8
5	Soybeans.....	do.	2.3	3.3	2.9	3.0	5.3	5.8	3.1	3.3
6	Hay.....	do.	25.4	27.3	24.4	26.0	19.3	23.5	24.4	22.1
	Crop yields per harvested acre:									
7	Corn for grain.....	Bushels	22.8	30.0	38.0	25.0	6.4	30.4	10.0	41.4
8	Oats.....	do.	25.0	32.0	30.0	20.0	10.0	29.2	22.1	45.1
9	Soybeans.....	do.	15.5	14.0	16.5	15.0	12.0	13.8	10.8	18.0
10	Hay.....	Tons	1.2	1.2	1.2	1.2	.8	1.4	.9	1.3
	Livestock on farm, January 1:									
11	All cattle.....	Number	17.7	18.9	19.5	20.6	20.7	18.3	18.0	16.7
12	Cows and heifers, 2 years old and over..	do.	10.1	11.0	11.5	11.8	12.0	11.0	10.7	10.0
13	Chickens.....	do.	94	89	84	82	85	74	77	80
14	Horses and mules.....	do.	4.1	4.0	3.9	3.8	3.8	3.8	3.7	3.7
15	Pigs raised.....	do.	39.3	44.5	49.5	50.9	27.9	26.8	27.8	24.1
16	Tractors on farm.....	do.	.20	.24	.25	.25	.25	.26	.29	.33
17	Total labor used.....	Hours	3,660	3,690	3,600	3,520	3,190	3,260	3,130	3,180
18	Operator and family.....	do.	3,110	3,170	3,139	3,030	2,740	2,770	2,690	2,700
19	Hired.....	do.	550	520	470	490	450	490	440	480
20	Total farm capital, January 1.....	Dollars	16,280	13,850	11,540	10,060	8,720	9,130	10,130	10,180
21	Land and buildings.....	do.	12,420	10,440	8,900	7,960	6,510	6,650	7,040	7,080
22	Machinery and equipment.....	do.	950	960	910	820	760	760	820	990
23	Livestock.....	do.	2,100	1,720	1,130	920	960	1,110	1,700	1,580
24	Crops for sale, feed and seed.....	do.	810	730	600	360	490	610	570	630
25	Total cash receipts.....	do.	1,261	1,020	751	793	1,010	1,228	1,338	1,151
26	Crops.....	do.	67	59	34	63	58	64	109	53
27	Cattle and calves.....	do.	326	307	236	251	336	366	377	360
28	Hogs.....	do.	664	500	341	341	301	394	541	429
29	Dairy products.....	do.	43	43	66	72	92	101	114	107
30	Poultry and eggs.....	do.	156	111	74	65	84	103	109	110
31	Other, including Government payments.....	do.	---	---	---	---	139	200	88	92
32	Total cash expenditures.....	do.	1,013	826	674	645	917	1,067	864	1,000
33	Feed purchased.....	do.	76	52	42	58	307	327	73	96
34	Livestock purchased.....	do.	24	15	12	12	11	13	14	12
35	Other livestock expense.....	do.	30	28	25	25	23	21	22	21
36	Fertilizer and lime.....	do.	17	10	5	3	5	6	15	14
37	Other crop expense.....	do.	36	33	23	21	22	36	26	42
38	Machinery.....	do.	379	329	301	275	287	355	396	451
39	Farm buildings and fences.....	do.	197	82	50	57	65	94	98	121
40	Labor hired.....	do.	136	100	63	58	59	75	74	95
41	Taxes.....	do.	131	146	126	109	110	111	115	115
42	Other.....	do.	32	30	27	27	28	29	31	33
43	Net cash farm income.....	do.	248	194	77	148	93	161	474	151
44	Value of perquisites.....	do.	352	291	235	324	223	283	287	299
45	Change in inventory:									
46	Crops and livestock.....	do.	74	101	45	-169	-713	301	-287	459
46	Machinery and buildings.....	do.	-8	-91	-134	-107	-53	28	51	92
47	Net farm income.....	do.	666	495	223	96	-450	773	525	1,001
48	Charge for capital.....	do.	981	836	696	581	488	500	524	513
49	Return to operator and family labor.....	do.	-315	-341	-473	-485	-938	273	1	486
50	Purchasing power in 1937-41 dollars.....	do.	-272	-341	-556	-557	-957	273	1	474
51	Return per hour in current dollars.....	do.	-.10	-.11	-.15	-.16	-.34	.10	0	.18
	Index numbers (1947-49 = 100):									
52	Gross farm income.....	Percent	27	23	17	14	8	29	22	31
53	Net farm income.....	do.	20	15	7	3	-13	23	16	30
54	Net farm production.....	do.	61	73	81	67	39	60	44	73
55	Crop yields per acre.....	do.	64	76	87	65	30	79	40	98
56	Production per hour of man labor.....	do.	56	66	76	65	41	62	48	78
57	Production per unit of input.....	do.	71	81	92	80	56	80	58	93
58	Operating expense per unit of production	do.	63	48	38	42	73	56	68	47
59	Total cost per unit of production.....	do.	79	57	41	43	63	48	69	46
60	Power and machinery, January 1.....	do.	68	68	67	63	57	55	58	62
61	Prices received for products sold.....	do.	43	29	19	19	23	37	39	42
62	Prices paid, incl. wages to hired labor..	do.	57	47	45	42	44	47	51	54

Organisation, production, costs and returns, 1930-51

1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	
178	180	183	186	189	192	195	198	200	202	204	206	208	210	1
76	73	74	76	79	81	82	80	84	84	85	90	91	68	2
29.0	26.9	23.4	25.2	25.6	30.6	31.2	26.5	31.5	28.0	31.9	33.2	28.3	28.6	3
22.6	19.6	18.2	19.4	18.6	18.6	17.6	19.3	20.3	20.5	21.4	22.9	23.6	19.8	4
3.6	3.8	4.0	4.8	5.3	6.4	6.1	7.4	5.6	6.9	5.0	5.5	8.1	7.3	5
20.8	22.7	28.4	26.6	29.5	25.4	27.1	26.8	26.6	28.6	26.7	28.4	31.0	32.3	6
36.8	42.4	43.3	38.5	48.7	45.3	42.3	36.9	51.9	23.6	56.7	48.6	51.6	43.8	7
35.5	25.2	32.7	33.4	32.8	29.8	22.2	30.6	33.4	22.3	37.2	34.3	36.0	28.9	8
18.3	19.7	19.7	17.2	18.2	18.9	20.3	17.8	24.4	12.9	23.8	25.9	25.6	22.9	9
1.3	1.3	1.5	1.3	1.5	1.4	1.4	1.6	1.6	1.4	1.4	1.6	1.6	1.6	10
16.5	18.0	20.2	21.2	22.8	24.9	26.8	26.7	24.7	24.5	23.8	23.8	25.4	28.1	11
10.0	10.3	11.1	11.9	12.7	13.8	14.8	15.6	14.4	14.2	13.9	13.6	14.6	15.6	12
76	86	90	88	102	114	122	110	106	100	95	88	94	91	13
3.7	3.7	3.6	3.5	3.5	3.5	3.3	3.0	2.6	2.2	2.1	2.0	1.9	1.8	14
38.3	47.9	49.5	52.1	66.1	73.5	52.8	54.1	53.3	54.2	59.2	70.4	74.3	78.5	15
.39	.40	.45	.50	.57	.62	.63	.69	.75	.81	.86	.94	1.02	1.11	16
3,210	3,280	3,340	3,380	3,510	3,670	3,650	3,500	3,450	3,420	3,330	3,370	3,380	3,380	17
2,730	2,750	2,840	2,910	3,050	3,230	3,210	3,080	3,000	2,980	2,900	2,930	2,940	2,970	18
480	490	500	470	460	440	440	420	450	440	430	440	440	410	19
10,450	10,610	11,070	11,540	13,710	16,330	18,410	19,000	19,970	24,290	25,890	27,980	28,610	34,030	20
7,120	7,200	7,320	7,440	8,500	9,600	10,920	11,880	13,400	14,950	15,710	16,690	17,260	19,950	21
1,000	1,080	1,120	1,170	1,330	1,490	1,560	1,700	1,780	1,950	2,360	2,870	3,310	3,510	22
1,480	1,650	1,760	1,970	2,630	3,710	3,940	3,590	3,210	4,990	5,260	5,380	5,040	7,120	23
850	680	870	960	1,250	1,530	1,990	1,830	1,580	2,400	2,560	3,040	3,000	3,450	24
1,248	1,373	1,519	2,043	2,959	4,087	4,075	4,067	4,341	6,465	5,396	5,513	5,920	7,387	25
244	63	64	100	92	233	259	290	336	529	254	583	620	651	26
300	329	444	559	685	749	958	1,287	1,269	1,723	1,829	1,452	1,659	2,280	27
430	532	583	905	1,459	2,141	2,017	1,613	1,768	3,256	2,326	2,659	2,647	3,423	28
84	82	110	148	191	267	289	308	368	398	428	326	356	435	29
99	97	109	158	279	416	393	443	447	480	498	454	357	520	30
91	270	209	173	253	281	159	126	151	79	61	39	71	78	31
1,055	1,078	1,170	1,366	1,673	1,949	2,033	2,031	2,334	2,663	3,268	3,061	3,262	3,548	32
137	83	106	182	387	542	430	349	452	508	976	482	522	616	33
14	14	13	16	23	32	31	34	31	31	30	35	32	33	34
22	25	31	33	40	50	52	48	49	56	56	64	69	81	35
15	16	28	23	36	41	57	70	96	104	111	128	145	169	36
38	35	41	44	63	75	92	95	104	127	147	160	159	171	37
450	488	511	602	629	684	803	838	895	1,037	1,163	1,318	1,402	1,484	38
134	167	180	171	159	142	150	172	227	258	267	280	302	310	39
95	97	102	133	163	198	229	234	273	293	303	300	309	312	40
117	119	122	125	133	143	146	145	159	198	219	236	258	299	41
33	34	36	37	40	42	43	46	48	51	56	58	64	67	42
193	295	349	677	1,286	2,138	2,042	2,036	2,007	3,802	2,128	2,452	2,658	3,839	43
274	257	255	301	380	465	446	480	513	561	567	511	497	560	44
178	194	102	129	659	20	-387	-543	733	-2,350	1,436	451	549	-206	45
68	104	116	154	88	-9	60	65	112	162	198	193	177	181	46
713	850	822	1,261	2,423	2,614	2,161	2,038	3,365	2,175	4,329	3,607	3,881	4,374	47
516	515	524	538	640	777	841	862	892	1,104	1,194	1,327	1,389	1,677	48
197	335	298	723	1,783	1,837	1,320	1,176	2,473	1,071	3,135	2,280	2,492	2,697	49
201	345	307	689	1,486	1,371	936	800	1,517	561	1,652	1,163	1,259	1,249	50
.07	.12	.10	.25	.58	.57	.41	.38	.83	.36	1.08	.78	.85	.91	51
27	30	30	40	65	74	67	65	90	76	119	105	113	125	52
21	25	24	37	72	78	64	60	100	65	128	107	115	130	53
69	77	81	78	94	96	97	89	102	81	106	113	116	111	54
90	93	100	90	107	99	94	91	115	68	120	112	117	102	55
73	79	82	78	90	89	90	86	100	80	107	113	115	111	56
86	90	92	88	100	96	94	90	102	83	108	109	109	103	57
52	48	49	56	59	70	73	79	78	108	100	92	96	108	58
49	46	45	55	56	69	76	85	81	112	96	92	95	111	59
67	71	75	77	81	86	87	92	95	95	98	107	119	120	60
35	32	31	45	59	65	62	66	81	105	108	87	91	106	61
52	52	53	56	61	68	74	76	81	93	105	102	104	113	62



TABLE 8.--Hog-beef fattening farms, Corn Belt:

	ITEM	UNIT	1930	1931	1932	1933	1934	1935	1936	1937
1	Land in farm.....	Acres	175	175	174	172	171	171	172	174
2	Cropland harvested.....	do.	120	119	119	115	95	111	104	116
3	Crops harvested:									
4	Corn.....	do.	62.6	65.1	65.3	61.4	48.9	54.4	51.6	62.3
5	Small grains.....	do.	39.2	37.5	37.0	36.3	30.2	41.1	34.7	41.3
6	Hay.....	do.	18.2	16.4	16.7	17.3	15.9	15.5	17.7	12.4
7	Crop yields per harvested acre:									
8	Corn for grain.....	Bushels	41.5	40.8	52.6	44.6	23.7	41.9	20.2	50.1
9	Oats.....	do.	40.7	34.5	40.5	23.0	10.6	36.3	28.2	49.1
10	Hay.....	Tons	1.2	1.5	1.8	1.5	1.0	2.0	1.4	1.7
11	Livestock on farm, January 1:									
12	All cattle.....	Number	26.9	26.9	25.9	27.0	25.4	21.1	28.6	25.2
13	Cows and heifers, 2 years old and over.....	do.	4.6	4.5	4.5	4.7	5.0	4.8	5.3	5.0
14	Purchased feeder cattle.....	do.	17.7	17.8	16.9	17.8	15.6	11.2	18.4	15.0
15	Chickens.....	do.	125	119	112	109	113	99	103	107
16	Horses and mules.....	do.	5.5	5.3	5.2	5.1	5.0	4.8	4.7	4.5
17	Pigs raised.....	do.	133	120	121	134	88	66	67	51
18	Tractors on farm.....	do.	.44	.51	.52	.52	.52	.53	.58	.65
19	Total labor used.....	Hours	4,880	4,760	4,670	4,630	4,060	4,110	4,660	4,060
20	Operator and family.....	do.	3,810	3,810	3,740	3,700	3,250	3,210	3,250	3,170
21	Hired.....	do.	1,070	950	930	930	810	900	810	890
22	Total farm capital, January 1.....	Dollars	30,490	25,780	19,900	15,140	16,180	16,880	18,870	18,890
23	Land and buildings.....	do.	23,278	19,780	15,660	11,700	12,480	12,830	13,590	13,750
24	Machinery and equipment.....	do.	1,670	1,680	1,580	1,400	1,280	1,290	1,390	1,540
25	Livestock.....	do.	3,750	2,860	1,810	1,530	1,460	1,480	2,750	2,310
26	Crops for sale, feed and seed.....	do.	1,800	1,460	850	510	960	1,280	1,140	1,290
27	Total cash receipts.....	do.	5,144	3,516	2,418	2,245	2,717	3,281	3,778	4,204
28	Crops.....	do.	0	0	0	89	0	0	41	0
29	Cattle and calves.....	do.	2,506	1,964	1,494	1,146	1,493	1,618	2,177	2,912
30	Hogs.....	do.	2,346	1,345	786	880	505	1,229	1,230	945
31	Dairy products.....	do.	70	44	28	32	36	44	74	69
32	Poultry and eggs.....	do.	222	163	110	98	124	156	151	168
33	Other, including Government payments.....	do.	---	---	---	---	159	234	105	110
34	Total cash expenditures.....	do.	2,962	2,125	1,755	1,506	1,764	2,544	2,089	2,661
35	Feed purchased.....	do.	506	262	169	135	461	443	181	326
36	Livestock purchased.....	do.	771	520	505	375	286	846	537	776
37	Other livestock expense.....	do.	107	89	73	63	57	66	59	59
38	Fertilizer and lime.....	do.	18	11	5	5	6	8	18	16
39	Other crop expense.....	do.	51	44	32	27	31	53	41	61
40	Machinery.....	do.	701	574	513	469	482	611	695	800
41	Farm buildings and fences.....	do.	189	135	73	80	101	140	146	175
42	Labor hired.....	do.	301	203	135	118	118	152	154	188
43	Taxes.....	do.	268	240	210	183	175	190	205	210
44	Other.....	do.	50	47	40	41	41	44	46	50
45	Net cash farm income.....	do.	2,182	1,391	663	739	953	737	1,689	1,543
46	Value of perquisites.....	do.	413	352	282	243	264	331	333	353
47	Change in inventory:									
48	Crops and livestock.....	do.	-563	-327	107	-474	-1,501	1,226	-1,581	1,226
49	Machinery and buildings.....	do.	-3	-158	-230	-156	-80	58	107	168
50	Net farm income.....	do.	2,029	1,258	822	352	-364	2,352	548	3,290
51	Charge for capital.....	do.	1,835	1,550	1,192	880	902	918	969	944
52	Return to operator and family labor.....	do.	194	-292	-370	-528	-1,266	1,434	-421	2,346
53	Purchasing power in 1937-41 dollars.....	do.	167	-292	-435	-607	-1,292	1,434	-421	2,278
54	Return per hour in current dollars.....	do.	.05	-.08	-.10	-.14	-.39	.45	-.13	.74
55	Index numbers (1947-49=100):									
56	Gross farm income.....	Percent	25	18	14	10	7	24	13	29
57	Net farm income.....	do.	19	12	8	3	-3	22	5	31
58	Net farm production.....	do.	69	69	76	68	41	54	47	67
59	Crop yields per acre.....	do.	80	78	99	79	42	83	47	98
60	Production per hour of man labor.....	do.	63	64	71	65	45	58	47	72
61	Operating expense per unit of production.....	do.	87	88	95	91	68	82	74	94
62	Total cost per unit of production.....	do.	47	38	30	29	44	45	46	42
63	Power and machinery, January 1.....	do.	61	50	37	34	51	47	54	45
64	Prices received for products sold.....	do.	67	69	67	61	55	53	56	61
65	Prices paid, incl. wages to hired labor.....	do.	39	28	20	17	22	38	33	47
66		do.	46	38	31	31	35	39	41	44

Organization, production, costs and returns, 1930-51

1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	
176 114	178 108	180 112	182 113	184 120	186 124	188 124	189 129	190 131	191 132	192 132	193 136	194 136	195 133	1 2
57.3 40.5 16.2	54.8 35.6 17.6	53.1 36.2 22.7	54.5 37.2 21.3	61.4 36.6 22.0	69.9 34.1 20.0	72.7 31.2 20.1	71.2 38.2 19.6	72.4 39.3 19.3	71.9 39.8 20.3	70.6 43.2 18.2	72.1 44.3 19.6	65.1 46.7 24.2	68.5 39.2 25.3	3 4 5
50.1 37.8 2.0	57.5 32.7 1.6	53.7 42.6 1.7	54.7 36.6 1.7	65.5 39.1 2.1	59.1 41.5 1.8	58.4 32.4 2.0	51.3 43.7 2.1	62.4 43.6 1.9	36.0 35.2 1.9	67.1 51.7 1.7	55.0 42.7 1.8	56.3 44.5 1.9	53.5 38.8 2.0	6 7 8
28.8 4.8 18.5 101 4.3	29.5 5.0 19.7 114 4.2	32.0 5.4 21.5 120 4.1	36.2 5.6 25.2 118 4.0	37.5 5.8 26.1 136 3.9	39.8 6.1 28.0 152 3.6	36.7 6.0 24.9 162 3.2	40.0 6.0 26.2 146 3.0	38.3 5.7 27.0 142 2.6	39.0 5.3 28.1 133 2.2	35.5 5.0 25.5 127 1.9	40.7 5.2 30.6 118 1.6	43.1 5.4 32.7 125 1.3	45.2 5.6 34.4 121 1.2	9 10 11 12 13
112	99	119	97	118	160	173	137	149	150	159	160	158	144	14
.76	.80	.87	.95	1.05	1.12	1.12	1.18	1.23	1.29	1.36	1.45	1.53	1.62	15
4,350 3,440 910	4,240 3,390 850	4,320 3,460 860	4,280 3,470 810	4,410 3,620 790	4,740 3,930 810	4,600 3,860 740	4,600 3,910 690	4,470 3,750 720	4,480 3,760 720	4,390 3,690 700	4,390 3,690 700	4,300 3,610 690	4,190 3,560 630	16 17 18
19,700 13,900 1,740 2,560 1,500	20,260 14,060 1,900 2,890 1,410	20,990 14,220 1,960 2,900 1,910	22,050 14,560 2,050 3,400 2,040	24,940 15,640 2,300 4,200 2,800	28,800 16,740 2,580 5,890 3,590	31,120 18,240 2,690 5,660 4,530	32,580 19,280 2,920 5,170 4,210	34,410 21,850 3,060 5,690 3,810	41,460 24,070 3,320 8,350 5,080	48,960 27,840 4,050 10,250 6,820	50,360 28,950 4,910 10,590 5,910	50,180 30,070 5,660 9,160 5,290	58,650 35,100 5,940 11,380 6,230	19 20 21 22 23
3,989 28 2,355 1,274 72 149 111	4,074 0 2,264 1,232 71 141 306	4,957 0 3,106 1,311 100 159 281	6,275 0 3,459 2,265 136 226 189	8,525 86 4,695 2,893 160 397 294	11,279 114 4,982 5,049 224 584 326	10,288 152 4,915 4,307 204 550 160	12,220 39 5,306 5,904 297 613 121	15,226 118 8,502 5,504 319 634 149	20,053 376 10,262 8,330 344 657 84	20,162 0 10,308 8,751 353 685 65	18,675 476 10,718 6,668 295 616 41	19,510 476 11,671 6,427 338 528 70	22,410 213 14,404 6,631 390 700 72	24 25 26 27 28 29 30
2,741 205 908 75 18 68 806 201 195 215 50	3,124 311 1,076 78 20 64 872 243 178 230 52	3,576 284 1,406 93 30 79 929 270 206 226 53	4,007 427 1,506 104 28 82 1,065 261 245 234 55	4,652 522 1,915 116 47 123 1,110 211 315 234 59	4,967 873 1,592 153 53 147 1,225 195 410 255 64	5,355 941 1,645 147 77 181 1,399 202 431 265 67	5,728 999 1,748 165 102 189 1,492 229 436 297 71	6,911 1,112 2,595 159 133 198 1,573 324 487 255 75	8,225 1,383 3,097 178 144 233 1,844 351 533 381 81	11,102 2,745 4,342 193 161 280 2,046 405 555 441 88	10,122 1,302 4,342 209 161 287 2,271 432 541 485 92	11,590 1,368 5,543 217 160 303 2,397 460 541 503 98	13,438 1,549 6,925 236 159 317 2,524 505 556 560 107	31 32 33 34 35 36 37 38 39 40 41
1,248	950	1,381	2,268	3,873	6,312	4,933	6,492	8,315	11,828	9,060	8,553	7,920	8,972	42
327	307	310	355	435	515	511	539	619	675	718	668	654	760	43
572 133	475 161	425 205	-44 243	1,482 130	-644 -18	396 95	-1,107 107	2,207 181	-3,431 269	3,216 306	-144 276	789 236	886 253	44 45
2,280	1,893	2,321	2,822	5,920	6,165	5,935	6,031	11,322	9,341	13,300	9,353	9,599	10,871	46
968	977	989	1,024	1,162	1,373	1,425	1,489	1,546	1,898	2,281	2,407	2,440	2,875	47
1,312 1,339 .38	916 944 .27	1,332 1,373 .38	1,798 1,712 .52	4,758 3,965 1.31	4,792 3,576 1.22	4,510 3,199 1.17	4,542 3,090 1.16	9,776 5,996 2.61	7,443 3,697 1.98	11,019 5,455 2.99	6,946 3,544 1.88	7,159 3,616 1.98	7,996 3,702 2.25	48 49 50
24 21 72 95 73 93 41 44 67 34 44	24 18 73 101 76 90 43 44 72 30 43	28 22 79 101 81 94 46 46 76 33 46	33 26 80 99 82 94 50 51 76 38 50	52 56 93 117 93 104 55 55 82 53 58	55 58 103 108 96 106 55 60 88 56 62	55 56 98 104 94 103 59 66 88 58 65	53 57 99 100 95 102 63 70 92 58 69	89 106 104 114 103 106 71 75 95 85 78	86 87 88 88 86 93 96 100 94 95 93	119 125 107 123 108 104 105 101 99 106 101	95 88 105 103 106 103 99 99 107 91 101	104 90 106 106 109 103 114 108 118 90 113	119 102 102 108 107 100 134 127 118 106 128	51 52 53 54 55 56 57 58 59 60 61

TABLE 9.--Cash grain farms, Corn Belt:

	ITEM	UNIT	1930	1931	1932	1933	1934	1935	1936	1937
1	Land in farm.....	Acres	204	204	204	204	204	205	205	206
2	Cropland harvested.....	do.	166	168	167	161	144	168	164	169
	Crops harvested:									
3	Corn.....	do.	85.3	90.0	89.1	82.6	66.3	72.8	79.7	84.7
4	Small grains.....	do.	61.4	58.8	59.8	60.2	47.5	58.4	43.9	47.0
5	Soybeans.....	do.	10.3	12.1	9.5	10.7	20.6	37.6	30.4	31.5
6	Hay.....	do.	9.0	7.1	8.6	7.5	9.6	7.2	10.0	5.8
	Crop yields per harvested acre:									
7	Corn for grain.....	Bushels	31.2	41.5	47.8	27.2	22.8	49.0	28.4	56.2
8	Oats.....	do.	32.0	40.5	43.3	19.2	11.8	32.2	29.7	51.6
9	Soybeans.....	do.	17.6	23.4	26.9	18.4	24.5	23.2	19.9	22.6
10	Hay.....	Tons	1.2	1.7	1.8	1.4	1.2	2.0	1.4	1.9
	Livestock on farm, January 1:									
11	All cattle.....	Number	9.0	9.0	9.0	10.0	11.0	10.0	11.0	10.0
12	Cows and heifers, 2 years old and over..	do.	4.2	4.2	4.2	4.8	5.1	4.8	5.1	4.8
13	Chickens.....	do.	120	115	110	105	105	102	102	102
14	Horses and mules.....	do.	5.6	5.3	5.0	4.7	4.4	3.0	2.6	2.2
15	Pigs raised.....	do.	23	23	23	21	21	18	19	24
16	Tractors on farm.....	do.	.44	.51	.52	.52	.52	.53	.58	.65
17	Total labor used.....	Hours	4,490	4,490	4,460	4,360	4,020	4,320	4,100	4,040
18	Operator and family.....	do.	3,500	3,500	3,480	3,400	3,220	3,390	3,280	3,230
19	Hired.....	do.	990	990	980	960	800	930	820	810
20	Total farm capital, January 1.....	Dollars	35,700	30,880	25,320	20,750	22,810	23,780	25,900	28,030
21	Land and buildings.....	do.	30,400	26,520	21,830	17,950	19,790	20,290	21,730	23,480
22	Machinery and equipment.....	do.	1,690	1,710	1,610	1,430	1,300	1,310	1,410	1,560
23	Livestock.....	do.	1,336	1,040	730	626	630	650	950	960
24	Crops for sale, feed and seed.....	do.	2,280	1,610	1,150	750	1,090	1,530	1,810	2,090
25	Total cash receipts.....	do.	3,533	2,001	1,451	2,045	2,400	2,780	4,345	3,595
26	Crops.....	do.	2,553	1,309	1,042	1,643	1,596	1,739	3,337	2,577
27	Cattle and calves.....	do.	197	140	58	60	157	94	210	115
28	Hogs.....	do.	387	261	150	137	184	291	303	416
29	Dairy products.....	do.	136	95	65	80	99	117	144	151
30	Poultry and eggs.....	do.	260	196	136	121	156	225	207	227
31	Other, including Government payments....	do.	---	---	---	4	208	314	144	109
32	Total cash expenditures.....	do.	1,876	1,523	1,244	1,134	1,193	1,494	1,671	1,936
33	Feed purchased.....	do.	89	59	41	58	86	86	93	110
34	Livestock purchased.....	do.	26	19	14	14	15	18	19	18
35	Other livestock expense.....	do.	27	27	22	22	22	22	22	27
36	Fertilizer and lime.....	do.	46	24	10	10	15	20	41	46
37	Other crop expense.....	do.	98	79	58	51	66	107	98	164
38	Machinery.....	do.	752	626	574	517	515	655	784	876
39	Farm buildings and fences.....	do.	175	112	63	75	100	143	150	188
40	Labor hired.....	do.	247	198	137	125	113	158	164	186
41	Taxes.....	do.	374	339	294	231	229	249	265	280
42	Other.....	do.	42	40	31	31	32	34	35	41
43	Net cash farm income.....	do.	1,657	478	207	911	1,207	1,286	2,674	1,659
44	Value of perquisites.....	do.	379	300	240	225	239	288	314	317
45	Change in inventory:									
46	Crops and livestock.....	do.	-320	355	107	-887	-909	958	-1,532	1,230
47	Machinery and buildings.....	do.	3	-156	-218	-166	-88	60	107	170
47	Net farm income.....	do.	1,719	977	336	83	449	2,592	1,563	3,376
48	Charge for capital.....	do.	2,098	1,008	1,482	1,208	1,275	1,282	1,307	1,354
49	Return to operator and family labor.....	do.	-379	-831	-1,146	-1,125	-826	1,310	256	2,022
50	Purchasing power in 1937-41 dollars.....	do.	-327	-831	-1,348	-1,293	-843	1,310	256	1,963
51	Return per hour in current dollars.....	do.	-.11	-.24	-.33	-.33	-.26	.39	.08	.63
	Index numbers (1947-49=100):									
52	Gross farm income.....	Percent	26	20	13	10	13	30	23	38
53	Net farm income.....	do.	19	11	4	1	5	29	18	38
54	Net farm production.....	do.	55	72	78	46	41	76	56	91
55	Crop yields per acre.....	do.	62	83	93	56	54	88	62	100
56	Production per hour of man labor.....	do.	42	56	61	36	35	61	47	78
57	Production per unit of input.....	do.	63	82	87	54	52	91	67	108
58	Operating expense per unit of production	do.	73	50	41	60	66	41	59	43
59	Total cost per unit of production.....	do.	92	61	47	67	76	46	65	45
60	Power and machinery, January 1.....	do.	66	67	66	60	54	52	55	59
61	Prices received for products sold.....	do.	46	27	16	23	33	37	43	45
62	Prices paid, incl. wages to hired labor..	do.	57	51	44	40	44	47	51	55

Organization, production, costs and returns, 1930-51

1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	
207	208	210	212	214	216	218	220	221	222	222	223	223	224	1
164	158	161	164	171	176	184	184	185	184	186	187	188	185	2
74.5	70.5	66.6	67.4	68.7	76.0	82.6	83.4	87.1	86.4	89.7	90.5	76.0	84.4	3
47.2	38.3	38.0	43.7	37.0	36.1	34.9	38.3	38.0	41.1	45.7	49.5	48.6	45.9	4
32.4	39.4	37.7	38.5	51.2	49.4	52.1	49.5	46.0	42.5	37.3	35.4	46.0	37.3	5
9.9	9.8	18.7	14.4	14.1	14.5	14.4	12.8	13.9	14.0	13.3	11.6	17.4	17.4	6
52.1	59.0	45.5	62.6	61.7	56.3	51.0	53.6	60.2	42.8	65.7	59.5	53.8	59.9	7
36.9	33.3	53.0	48.4	41.8	32.3	31.6	45.8	42.0	33.8	43.8	45.4	41.5	39.9	8
29.0	28.3	19.1	24.6	24.5	23.7	22.6	22.0	25.5	21.0	25.3	29.7	27.0	29.5	9
2.0	1.7	1.7	1.6	1.6	1.4	1.7	1.9	1.7	1.6	1.6	1.6	1.6	1.7	10
11.0	11.0	12.0	12.0	13.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	15.0	11
5.1	5.1	5.4	5.4	6.0	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	7.0	12
104	104	104	100	142	128	135	120	120	110	110	103	110	107	13
2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.5	1.3	1.1	.9	.8	.7	14
27	25	28	29	31	30	29	29	29	27	28	28	29	31	15
.76	.80	.87	.95	1.05	1.12	1.12	1.18	1.23	1.29	1.36	1.45	1.53	1.62	16
3,900	3,740	3,700	3,650	3,700	3,700	3,700	3,600	3,570	3,500	3,500	3,400	3,300	3,280	17
3,120	2,990	2,960	2,960	3,030	3,070	3,110	3,060	3,000	2,940	2,940	2,860	2,770	2,790	18
780	750	740	690	670	630	590	540	570	560	560	540	530	490	19
29,810	28,420	31,470	32,020	37,510	40,260	46,080	47,920	50,010	57,590	64,500	67,200	67,670	79,100	20
24,840	23,710	26,250	26,920	30,170	31,540	36,840	38,720	40,000	45,730	48,840	51,510	52,630	62,270	21
1,760	1,920	1,980	2,090	2,350	2,640	2,750	3,010	3,160	3,430	4,180	5,070	5,840	6,120	22
950	940	920	950	1,350	1,880	1,810	1,740	1,860	2,500	2,800	3,030	2,610	3,400	23
2,260	1,850	2,320	2,060	3,640	4,200	4,680	4,450	4,990	5,930	8,680	7,590	6,590	7,310	24
3,702	3,550	3,992	4,691	7,206	9,348	8,995	8,943	11,807	14,230	12,847	12,179	12,640	14,269	25
2,562	2,457	2,821	3,209	5,073	6,616	6,585	6,442	8,938	10,823	9,259	9,258	9,820	10,500	26
186	151	247	222	291	479	433	479	558	722	893	775	728	1,248	27
441	299	317	575	809	934	878	930	1,129	1,497	1,432	1,082	1,103	1,327	28
129	119	153	195	245	319	332	353	451	494	520	445	423	484	29
216	191	187	250	495	526	565	552	577	610	663	574	488	629	30
68	333	267	240	293	474	202	187	154	84	80	45	78	81	31
1,971	2,031	2,224	2,426	2,717	2,897	3,359	3,519	3,998	4,511	5,045	5,281	5,518	6,021	32
92	94	103	128	187	220	261	265	307	362	393	327	351	532	33
19	18	16	21	28	32	35	38	37	38	37	36	34	34	34
32	32	32	33	38	44	43	44	49	53	54	53	53	64	35
59	43	83	79	114	125	204	250	297	325	379	353	410	476	36
159	121	138	143	262	235	298	301	315	371	418	395	397	390	37
881	948	1,026	1,150	1,229	1,306	1,522	1,591	1,734	1,990	2,195	2,479	2,588	2,714	38
213	250	293	281	272	238	263	287	363	413	462	500	515	550	39
179	172	170	222	265	308	326	313	354	364	402	381	374	399	40
296	311	321	325	332	338	354	372	479	528	632	681	715	770	41
41	42	42	44	49	51	53	58	63	67	73	76	81	92	42
1,731	1,519	1,768	2,265	4,489	6,451	5,636	5,424	7,809	9,719	7,802	6,898	7,122	8,248	43
304	283	301	343	420	504	521	550	573	665	690	652	637	765	44
-207	177	-404	936	87	-895	-241	472	310	-2,705	2,710	-543	-939	974	45
130	161	210	245	150	-16	106	109	197	275	325	300	242	246	46
1,958	2,140	1,875	3,789	5,146	6,044	6,022	6,555	8,889	7,954	11,527	7,307	7,062	10,233	47
1,391	1,307	1,406	1,412	1,619	1,755	1,992	2,132	2,270	2,585	2,944	3,106	3,127	3,675	48
567	833	469	2,377	3,527	4,289	4,030	4,423	6,619	5,369	8,583	4,201	3,935	6,558	49
579	859	484	2,264	2,939	3,201	2,858	3,009	4,061	2,811	4,249	2,143	1,987	3,036	50
.18	.28	.16	.80	1.16	1.40	1.30	1.45	2.21	1.83	2.92	1.47	1.42	2.35	51
28	30	29	44	57	66	68	73	93	90	120	90	91	118	52
22	24	21	42	58	68	67	73	100	89	129	82	79	115	53
86	88	73	98	94	91	90	95	105	81	110	109	97	103	54
98	103	86	108	104	95	89	96	105	80	111	109	99	107	55
77	81	68	86	88	85	85	92	102	80	109	111	102	109	56
98	100	81	100	100	94	92	97	106	81	112	107	94	100	57
47	46	59	51	58	68	76	76	77	111	91	98	115	118	58
49	47	58	52	60	70	79	79	78	111	92	97	110	117	59
65	71	74	77	81	87	87	92	95	94	99	107	118	118	60
30	29	34	44	55	66	70	71	85	112	110	78	88	106	61
55	54	55	58	64	69	74	76	82	92	102	106	107	114	62

TABLE 10.--Tobacco-livestock farms, Kentucky Bluegrass:

	ITEM	UNIT	1930	1931	1932	1933	1934	1935	1936	1937
1	Land in farm.....	Acres	107	107	107	107	108	108	108	109
2	Crop land harvested.....	do.	27	33	26	32	29	31	22	29
3	Plowable pasture.....	do.	49	46	51	47	51	49	59	53
4	Other land.....	do.	31	28	30	28	28	28	27	27
	Crops harvested:									
5	Tobacco.....	do.	5.7	5.4	5.8	6.1	4.5	4.0	4.5	5.7
6	Corn.....	do.	9.8	11.8	7.8	9.3	9.0	9.4	8.3	8.6
7	Small grains.....	do.	3.4	5.4	5.1	6.1	6.5	7.2	4.8	6.3
8	Hay.....	do.	8.1	10.4	6.8	10.0	9.3	10.3	4.8	8.2
	Crop yields per harvested acre:									
9	Tobacco.....	Pounds	748	894	769	759	896	841	727	973
10	Corn.....	Bushels	11.0	38.1	31.7	35.3	30.0	34.1	19.5	35.7
11	Wheat.....	do.	14.6	23.1	11.0	12.9	14.2	11.1	13.5	19.5
12	Hay.....	Tons	.7	1.1	1.0	1.1	.9	1.1	.6	1.1
	Livestock on farm, January 1:									
13	All cattle.....	Number	6.4	5.5	5.8	6.8	7.1	7.1	8.2	6.2
14	Milk cows.....	do.	3.8	3.8	3.9	4.0	4.2	4.3	4.2	3.8
15	Beef cows.....	do.	.4	.2	.2	.2	.3	.3	.4	.4
16	Sheep and lambs.....	do.	19.8	16.9	17.8	19.2	21.2	25.7	23.8	21.5
17	Chickens.....	do.	53	50	48	52	52	51	51	53
18	Horses and mules.....	do.	2.5	2.7	2.9	2.8	2.9	2.9	2.9	3.0
19	Pigs raised.....	do.	8.0	7.5	8.9	11.7	10.1	10.3	11.0	8.5
20	Tractors on farm.....	do.	.03	.03	.03	.03	.04	.04	.04	.05
	Total labor used.....	Hours	4,220	4,500	4,440	4,620	4,200	4,120	3,890	4,500
22	Operator and family.....	do.	3,650	3,130	3,200	3,250	3,070	2,950	2,920	3,020
23	Hired.....	do.	420	630	460	580	330	380	220	740
24	Cropper.....	do.	750	740	780	790	800	790	750	740
	Total farm capital, January 1.....	Dollars	10,680	9,190	7,780	6,450	6,890	7,750	8,020	8,380
25	Land and buildings.....	do.	9,180	8,110	6,710	5,560	5,840	6,460	6,460	6,940
27	Machinery and equipment.....	do.	380	360	330	320	330	340	360	390
28	Livestock.....	do.	750	500	430	410	460	580	860	780
29	Crops for sale, feed and seed.....	do.	370	220	310	160	260	370	340	270
	Total cash receipts.....	do.	1,207	719	840	768	1,337	1,188	1,858	1,802
31	Tobacco.....	do.	645	418	536	483	688	612	1,114	1,167
32	Livestock.....	do.	388	182	145	168	207	317	433	296
33	Livestock products.....	do.	161	101	85	93	114	152	149	177
34	Other, including Government payments.....	do.	13	18	74	24	328	107	162	162
	Total cash expenditures.....	do.	743	650	480	472	480	554	569	815
35	Feed purchased.....	do.	65	49	31	41	47	66	59	76
36	Livestock expense.....	do.	21	19	14	15	17	19	19	20
37	Crop expense.....	do.	67	76	38	33	41	66	58	98
38	Machinery.....	do.	158	125	93	93	120	140	117	195
39	Farm buildings and fences.....	do.	89	52	27	13	24	26	47	68
40	Labor hired.....	do.	77	95	56	84	40	46	28	112
41	Cropper labor.....	do.	66	44	55	49	74	67	118	124
42	General farm and miscellaneous.....	do.	199	190	166	144	117	124	123	128
43	Net cash farm income.....	do.	464	69	360	296	857	634	1,289	987
44	Perquisites for cropper and hired labor.....	do.	60	46	35	37	42	52	56	50
45	Total value of perquisites.....	do.	360	289	227	227	241	296	322	315
	Change in inventory:									
47	Crops and livestock.....	do.	-239	239	-53	88	-101	80	-369	176
48	Machinery and buildings.....	do.	-4	-32	-40	-36	-18	-9	-14	45
49	Net farm income.....	do.	521	519	459	538	937	949	1,172	1,473
50	Charge for capital.....	do.	642	548	464	383	389	419	403	408
51	Return to operator and family labor.....	do.	-121	-29	-5	155	548	530	769	1,065
52	Purchasing power in 1937-41 dollars.....	do.	-104	-29	-6	178	559	530	769	1,034
53	Return per hour in current dollars.....	do.	-.04	-.01	0	.05	.18	.18	.26	.35
	Index numbers (1947-49=100):									
54	Gross farm income.....	Percent	24	23	19	20	27	29	33	42
55	Net farm income.....	do.	16	16	14	16	28	28	35	44
56	Net farm production.....	do.	65	86	73	81	72	71	57	90
57	Crop yields per acre.....	do.	55	74	63	64	70	69	54	78
58	Production per hour of man labor.....	do.	65	80	69	73	72	73	62	84
59	Production per unit of input.....	do.	73	94	81	88	83	82	68	96
60	Operating expense per unit of production.....	do.	58	40	36	32	35	41	52	43
61	Total cost per unit of production.....	do.	71	47	45	37	42	45	56	43
62	Power and machinery, January 1.....	do.	62	60	56	56	56	58	60	64
63	Prices received for products sold.....	do.	36	23	25	23	42	38	55	46
64	Prices paid, incl. wages to hired labor.....	do.	49	42	37	35	37	40	43	46

Includes cropper labor.

Organization, production, costs and returns, 1930-51

1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	
109	110	110	110	111	112	112	113	113	113	113	113	113	113	1
26	28	28	29	32	33	32	30	30	30	30	31	31	30	2
54	56	55	54	51	51	52	55	55	54	54	53	53	54	3
27	26	27	27	28	28	28	28	28	29	29	29	29	29	4
5.2	5.6	4.6	5.2	4.3	5.8	6.0	6.5	5.9	5.1	5.4	5.5	4.9	5.5	5
7.6	6.9	7.8	7.9	8.8	9.1	9.0	6.2	5.9	6.3	7.0	6.8	6.5	6.3	6
5.9	4.2	4.8	4.3	5.0	4.5	5.6	3.6	3.0	3.4	3.6	3.5	3.1	2.9	7
9.4	11.1	11.0	12.0	13.4	13.4	11.9	13.2	14.8	15.4	14.1	15.4	16.4	15.2	8
887	985	1,099	1,029	994	970	1,252	1,093	1,209	1,176	1,362	1,283	1,245	1,430	9
39.9	35.8	30.1	35.9	43.5	36.5	29.4	43.1	42.6	40.6	48.3	45.3	47.2	41.7	10
17.1	19.9	15.4	19.1	15.2	12.8	18.5	14.6	16.5	17.5	17.5	20.0	17.0	16.0	11
1.4	1.3	1.3	1.2	1.4	1.3	1.3	1.6	1.5	1.6	1.5	1.5	1.5	1.3	12
7.4	7.6	7.7	7.3	8.4	9.1	10.2	9.2	9.5	10.0	10.5	10.2	10.7	11.2	13
4.1	4.1	3.9	3.8	4.2	4.8	5.1	5.1	4.9	5.0	5.0	4.8	4.8	4.9	14
5	5	5	5	9	9	8	1.0	1.2	1.4	1.5	1.7	1.9	2.0	15
21.2	21.7	23.3	20.8	22.2	22.2	20.2	16.9	15.6	14.1	14.1	13.4	13.7	14.4	16
48	50	50	49	51	58	58	57	55	50	50	48	49	48	17
3.1	3.2	3.2	3.2	3.0	3.0	3.0	2.9	2.8	2.6	2.4	2.4	2.2	2.1	18
10.4	13.5	12.1	12.0	14.2	16.6	11.0	10.8	8.9	10.0	11.7	12.6	12.1	12.0	19
.08	.09	.10	.12	.13	.14	.15	.18	.20	.26	.27	.32	.35	.40	20
4,370	4,480	4,200	4,340	4,240	4,730	4,760	4,750	4,510	4,140	4,220	4,230	4,140	4,120	21
3,010	3,020	2,770	2,850	2,840	2,960	2,930	2,900	2,890	2,800	2,820	2,820	2,790	2,800	22
650	780	800	860	740	1,040	1,080	1,080	840	570	640	640	610	550	23
710	680	630	630	660	730	750	770	780	770	760	770	740	770	24
8,860	9,690	10,170	10,130	11,470	13,090	13,840	16,030	15,660	17,510	19,170	20,450	20,820	23,350	25
7,278	8,136	8,570	8,570	9,560	10,540	10,990	11,310	12,900	14,240	15,370	16,500	16,900	18,610	26
410	440	470	480	520	600	670	720	780	860	960	1,070	1,170	1,390	27
830	860	870	780	1,030	1,390	1,430	1,220	1,350	1,740	1,960	2,090	1,950	2,400	28
290	260	260	300	360	560	750	780	630	670	880	790	800	950	29
1,461	1,559	1,413	2,199	2,775	3,707	4,489	3,896	4,076	4,350	5,043	4,666	4,492	5,891	30
896	963	767	1,534	1,773	2,457	3,223	2,788	2,815	2,917	3,285	3,180	2,956	3,819	31
299	338	388	353	633	758	780	616	743	891	1,232	967	1,026	1,353	32
147	145	145	194	265	370	377	388	381	417	438	400	408	574	33
119	112	113	118	104	122	109	104	137	125	88	100	102	75	34
737	812	878	1,011	1,141	1,462	1,800	1,815	1,943	1,961	2,154	2,238	2,221	2,591	35
48	63	109	102	129	151	208	181	261	216	196	154	158	208	36
23	24	28	28	32	43	46	47	46	51	53	53	51	58	37
86	85	90	98	112	147	189	218	239	279	307	368	357	397	38
160	173	190	227	250	295	339	354	374	411	478	522	535	685	39
95	110	116	101	98	80	87	88	120	155	191	200	198	203	40
98	115	121	147	164	293	339	402	339	257	294	296	280	281	41
93	98	79	160	184	266	353	319	322	339	381	373	344	444	42
134	144	145	148	172	177	192	206	242	253	254	272	298	315	43
724	747	535	1,188	1,634	2,245	2,689	2,081	2,133	2,389	2,889	2,428	2,271	3,230	44
42	40	39	50	66	95	94	105	111	132	136	114	92	111	45
281	288	289	347	437	564	562	613	660	757	787	714	676	791	46
66	-26	-54	113	214	-29	-234	-9	33	60	-19	45	132	-215	47
28	53	43	38	37	36	31	23	43	75	121	138	119	188	48
1,057	1,022	774	1,636	2,256	2,721	2,954	2,603	2,758	3,149	3,642	3,211	3,106	3,883	49
416	458	477	466	533	616	665	670	745	835	917	1,009	1,035	1,187	50
641	564	297	1,170	1,723	2,105	2,289	1,933	2,013	2,314	2,725	2,202	2,071	2,696	51
654	581	306	1,114	1,436	1,571	1,623	1,315	1,235	1,212	1,349	1,123	1,046	1,248	52
.21	.19	.11	.41	.61	.71	.78	.67	.70	.83	.97	.78	.74	.96	53
33	33	30	44	63	78	88	82	87	95	106	99	97	117	54
32	31	23	49	68	82	89	78	83	95	109	96	93	116	55
81	86	80	85	83	92	104	100	100	91	106	103	96	108	56
75	78	85	82	82	78	93	89	95	93	106	101	99	107	57
78	80	80	82	83	82	92	89	93	92	106	102	97	110	58
88	99	85	89	88	90	99	94	96	92	106	102	95	105	59
44	44	50	56	65	76	82	88	93	103	96	101	106	110	60
46	46	50	53	63	73	78	83	89	103	95	102	109	110	61
65	70	76	77	78	87	94	101	106	103	99	98	105	116	62
40	37	34	57	76	83	82	80	84	103	106	97	102	109	63
43	43	44	51	60	68	78	79	85	96	101	103	104	115	64

TABLE 11.--Tobacco-cotton farms, Coastal Plain, North Carolina:

	ITEM	UNIT	1940	1941	1942	1943
1	Land in farm.....	Acres	100	100	100	100
2	Cropland harvested.....	do.	40	40	42	41
3	Other land.....	do.	60	60	58	59
	Crops harvested:					
4	Tobacco.....	do.	5.8	5.8	6.3	6.8
5	Cotton.....	do.	7.0	6.5	7.1	7.0
6	Corn.....	do.	17.2	16.7	16.6	16.2
7	Hay.....	do.	8.0	8.2	7.7	7.7
8	Other crops.....	do.	6.0	6.8	7.7	7.0
	Crop yields per harvested acre:					
9	Tobacco.....	Pounds	1,105	967	1,116	957
10	Cotton.....	do.	442	355	427	326
11	Corn.....	Bushels	19.2	22.3	18.9	22.9
12	Hay.....	Tons	1.0	1.0	1.0	.9
	Livestock on farms, January 1:					
13	All cattle.....	Number	2.1	2.1	2.1	2.1
14	Milk cows.....	do.	1.4	1.4	1.4	1.4
15	Chickens.....	do.	54	57	60	60
16	Hiles.....	do.	2.8	2.9	3.0	3.0
17	Pigs raised.....	do.	9.2	9.3	10.5	13.6
18	Tractors on farm.....	do.	0	0	0	.05
	Total labor used.....	Hours	6,530	6,400	6,840	6,870
19	Operator and family.....	do.	2,830	2,790	2,970	2,970
20	Hired.....	do.	870	830	910	920
21	Cropper.....	do.	2,830	2,780	2,960	2,980
	Total farm capital, January 1.....	Dollars	6,770	6,810	7,520	8,220
23	Land and buildings.....	do.	5,500	5,500	6,000	6,400
24	Machinery and equipment.....	do.	450	480	540	540
25	Livestock.....	do.	630	610	720	860
26	Crops for sale, feed and seed.....	do.	198	220	260	320
	Total cash receipts.....	do.	1,660	2,441	3,608	3,401
28	Tobacco.....	do.	1,046	1,625	2,624	2,535
29	Cotton.....	do.	373	512	708	570
30	Other crops.....	do.	22	35	60	37
31	Livestock and livestock products.....	do.	59	89	115	157
32	Other, including Government payments.....	do.	160	180	101	102
	Total cash expenditures.....	do.	1,143	1,369	1,757	1,890
34	Crop purchased & other livestock exp.....	do.	94	98	109	148
35	Crop expense.....	do.	300	296	355	429
36	Machinery.....	do.	201	232	261	312
37	Farm buildings and fences.....	do.	81	81	66	71
38	Labor hired.....	do.	121	133	182	240
39	Cropper labor.....	do.	271	453	705	606
40	General farm and miscellaneous.....	do.	75	76	79	84
	Net cash farm income.....	do.	517	1,072	1,851	1,511
42	Perquisites for cropper and hired labor.....	do.	173	218	283	376
	Total value of perquisites.....	do.	440	540	690	901
	Change in inventory:					
44	Crops and livestock.....	do.	29	49	-12	19
45	Machinery and buildings.....	do.	43	60	31	49
	Net farm income.....	do.	856	1,503	2,277	2,104
47	Charge for capital.....	do.	342	334	364	398
	Return to operator and family labor.....	do.	514	1,169	1,913	1,706
49	Purchasing power in 1937-41 dollars.....	do.	530	1,113	1,594	1,273
50	Return per hour in current dollars.....	do.	.18	.42	.64	.57
	Index numbers (1947-49 = 100):					
52	Gross farm income.....	Percent	30	43	61	61
53	Net farm income.....	do.	27	47	71	66
54	Net farm production.....	do.	77	68	81	74
55	Crop yields per acre.....	do.	90	80	90	78
56	Production per hour of man labor.....	do.	88	80	88	80
57	Production per unit of input.....	do.	96	86	96	86
58	Operating expense per unit of production.....	do.	43	58	64	77
59	Total cost per unit of production.....	do.	43	55	60	74
60	Power and machinery, January 1.....	do.	55	57	59	67
61	Prices received for products sold.....	do.	35	62	76	81
62	Prices paid, incl. wages to hired labor <sup>2</sup> .....	do.	46	55	67	68

<sup>1</sup> Data not available prior to 1940.<sup>2</sup> Includes cropper labor.

Organization, production, costs and returns, 1940-51<sup>1</sup>

1944	1945	1946	1947	1948	1949	1950	1951	
100	100	100	100	100	100	100	100	1
41	41	41	41	41	42	40	42	2
59	59	59	59	59	58	60	56	3
8.1	8.4	9.4	9.2	7.0	7.4	7.5	8.5	4
6.9	6.4	5.1	6.7	7.6	8.4	5.6	7.6	5
16.0	16.2	16.5	16.5	17.4	17.2	17.9	17.4	6
7.0	7.2	6.7	6.7	6.5	6.8	6.0	5.5	7
6.0	5.7	5.2	5.5	5.9	5.7	6.6	6.0	8
1,116	1,122	1,198	1,215	1,300	1,256	1,406	1,422	9
466	293	307	307	468	241	198	377	10
20.7	25.1	27.2	32.1	27.1	36.1	33.7	31.2	11
.9	1.0	1.0	1.0	1.0	1.2	1.0	1.0	12
2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	13
1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	14
62	64	66	70	68	66	64	65	15
3.0	3.0	3.0	2.9	2.9	2.7	2.4	2.3	16
11.1	10.2	11.3	11.6	12.3	13.0	13.0	14.3	17
.07	.10	.13	.18	.21	.26	.35	.42	18
7,580	7,550	8,010	7,970	7,120	7,240	6,940	7,620	19
3,260	3,250	3,430	3,400	3,070	3,110	2,990	3,270	20
1,060	1,060	1,150	1,160	990	1,020	970	1,130	21
3,260	3,250	3,430	3,410	3,060	3,110	2,980	3,270	22
9,910	11,040	13,170	15,240	16,370	16,760	17,320	18,990	23
7,700	8,800	10,700	12,400	13,060	13,500	14,000	15,300	24
730	820	920	1,110	1,370	1,620	1,830	2,000	25
1,010	960	1,050	1,120	1,120	1,110	890	920	26
470	460	500	610	880	530	600	680	27
4,820	4,752	6,626	5,939	6,130	5,586	6,765	8,526	28
3,788	4,018	5,598	4,668	4,355	4,411	5,781	6,481	29
818	515	733	821	1,302	676	294	1,323	30
36	46	61	154	132	169	375	346	31
153	149	203	266	322	293	279	356	32
25	24	31	30	19	37	36	40	33
2,487	2,662	3,423	3,493	3,536	3,486	3,880	4,707	34
163	165	185	215	227	195	184	200	35
545	607	757	901	872	927	910	1,083	36
376	443	518	564	621	679	811	937	37
85	114	158	183	168	175	181	226	38
329	382	472	520	446	469	447	565	39
901	854	1,230	996	1,078	908	1,213	1,548	40
88	97	103	114	124	133	134	148	41
2,333	2,090	3,203	2,446	2,594	2,100	2,885	3,819	42
354	385	401	486	472	418	377	476	43
864	944	1,000	1,206	1,182	1,066	979	1,214	44
-46	52	41	126	-81	75	-50	-54	45
61	107	160	144	73	70	153	175	46
2,858	2,808	4,003	3,436	3,296	2,893	3,590	4,678	47
480	525	655	776	845	861	906	1,027	48
2,378	2,283	3,348	2,660	2,451	2,032	2,684	3,651	49
1,687	1,553	2,054	1,393	1,213	1,037	1,356	1,691	50
.73	.70	.98	.78	.80	.65	.90	1.12	51
80	81	108	103	102	95	109	137	52
89	88	125	107	103	90	112	146	53
94	91	104	106	99	95	96	118	54
92	88	93	96	105	99	101	110	55
93	90	96	99	103	98	103	114	56
101	96	119	102	102	96	98	111	57
76	83	91	93	103	104	110	110	58
74	83	90	94	101	105	108	106	59
72	79	87	92	100	108	121	124	60
86	90	108	95	104	101	118	118	61
80	81	94	95	105	100	110	121	62





TABLE 12.--Tobacco farms (small), Coastal Plain, North Carolina:  
Organization, production, costs and returns, 1943-51<sup>1</sup>

	ITEM	UNIT	1943	1944	1945	1946	1947	1948	1949	1950	1951
1	Land in farm.....	Acres	50	50	50	50	50	50	50	50	50
2	Cropland harvested.....	do.	20	20	20	20	20	20	20	20	20
3	Other.....	do.	30	30	30	30	30	30	30	30	30
Crops harvested:											
4	Tobacco.....	do.	3.9	4.7	4.8	5.4	5.3	4.0	4.2	4.3	4.9
5	Corn.....	do.	9.6	9.3	9.2	9.0	9.0	10.0	10.0	10.4	10.6
6	Hay.....	do.	4.5	4.2	4.5	4.2	4.5	4.5	4.0	4.0	3.5
7	Other.....	do.	4.5	4.5	4.0	3.5	3.5	3.5	3.5	3.8	3.5
Crop yields per harvested acre:											
8	Tobacco.....	Pounds	957	1,116	1,122	1,198	1,215	1,300	1,256	1,406	1,422
9	Corn.....	Bushels	22.0	20.7	25.1	27.2	32.1	27.1	36.1	33.7	31.2
10	Hay.....	Tons	.9	.9	1.0	1.0	1.0	1.0	1.2	1.0	1.0
Livestock on farms, January 1:											
11	All cattle.....	Number	1	1	1	1	1	1	1	1	1
12	Milk cows.....	do.	1	1	1	1	1	1	1	1	1
13	Chickens.....	do.	47	50	53	60	60	60	60	60	60
14	Mules.....	do.	2	2	2	2	2	2	2	2	2
15	Pigs raised.....	do.	3	3	3	4	4	4	4	4	4
16	Tractors on farm.....	do.	0	0	0	0	0	0	0	0	0
17	Total labor used.....	Hours	3,510	3,850	3,950	4,210	4,190	3,600	3,650	3,750	3,990
18	Operator and family.....	do.	3,070	3,340	3,430	3,630	3,610	3,130	3,170	3,250	3,430
19	Hired.....	do.	440	510	520	580	580	470	480	500	560
20	Total farm capital, January 1.....	Dollars	4,670	5,590	6,100	7,170	8,260	8,770	8,920	9,160	9,920
21	Land and buildings.....	do.	3,580	4,050	4,650	5,600	6,580	6,750	7,020	7,250	7,900
22	Machinery and equipment.....	do.	480	540	570	610	720	830	920	950	1,010
23	Livestock.....	do.	520	630	610	670	700	690	680	610	610
24	Crops for sale, feed and seed.....	do.	170	280	270	290	340	500	320	350	400
25	Total cash receipts.....	do.	1,617	2,336	2,452	3,448	2,967	2,748	2,793	3,694	4,147
26	Tobacco.....	do.	1,454	2,198	2,296	3,216	2,689	2,489	2,504	3,314	3,736
27	Other crops.....	do.	31	46	46	56	71	42	79	181	171
28	Livestock and livestock products.....	do.	82	80	99	161	192	208	193	181	221
29	Other, including Government payments.....	do.	50	12	11	15	15	9	17	18	19
30	Total cash expenditures.....	do.	672	812	936	1,212	1,288	1,206	1,241	1,326	1,578
31	Feed purchased & other livestock expense.....	do.	118	129	138	182	205	211	165	185	196
32	Crop expense.....	do.	202	259	260	406	453	426	440	452	599
33	Power and machinery.....	do.	168	193	240	276	243	236	264	323	342
34	Farm buildings and fences.....	do.	27	31	42	58	67	61	63	66	82
35	Labor hired.....	do.	115	157	189	238	262	210	222	230	282
36	General farm and miscellaneous.....	do.	42	43	47	52	57	62	67	70	77
37	Net cash farm income.....	do.	945	1,524	1,516	2,236	1,679	1,542	1,552	2,368	2,569
38	Value of perquisites.....	do.	541	522	569	631	735	754	681	638	766
39	Change in inventory:										
40	Crops and livestock.....	do.	36	-14	50	10	69	-16	70	-18	-29
	Machinery and buildings.....	do.	16	17	58	81	28	-17	-14	28	34
41	Net farm income.....	do.	1,538	2,049	2,193	2,958	2,511	2,263	2,289	3,016	3,340
42	Charge for capital.....	do.	228	268	289	357	422	455	459	481	541
43	Return to operator and family labor.....	do.	1,310	1,781	1,904	2,601	2,089	1,808	1,830	2,535	2,799
44	Purchasing power in 1937-41 dollars.....	do.	978	1,263	1,295	1,596	1,094	895	934	1,280	1,296
45	Return per hour in current dollars.....	do.	.43	.53	.55	.72	.58	.58	.58	.78	.82
Index numbers (1947-49=100):											
46	Gross farm income.....	Percent	61	79	85	114	105	97	98	120	136
47	Net farm income.....	do.	65	87	93	126	107	96	97	128	142
48	Net farm production.....	do.	72	90	94	109	110	92	98	107	118
49	Crop yields per acre.....	do.	75	85	88	94	97	101	102	110	110
50	Production per acre of man labor.....	do.	78	89	91	99	100	98	102	109	113
51	Production per unit of man labor.....	do.	83	97	97	102	103	96	101	106	109
52	Operating expense per unit of production.....	do.	73	71	75	83	82	106	102	97	105
53	Total cost per unit of production.....	do.	74	73	80	86	94	105	101	96	101
54	Power and machinery, January 1.....	do.	81	85	87	95	101	100	99	102	100
55	Prices received for products sold.....	do.	85	91	93	108	93	104	103	117	117
56	Prices paid, incl. wages to hired labor.....	do.	71	78	80	86	96	102	102	102	109

<sup>1</sup>Data not available prior to 1943.

TABLE 13.--Tobacco - cotton farms (large), Coastal Plain, North Carolina:

	ITEM	UNIT	1940	1941	1942	1943
1	Land in farm.....	Acrea	170	170	170	170
2	Cropland harvested.....	do.	70	71	73	72
3	Other.....	do.	100	99	97	98
	Crops harvested:					
4	Tobacco.....	do.	9.0	9.0	10.0	10.7
5	Cotton.....	do.	10.7	10.2	11.1	10.9
6	Corn.....	do.	30.0	28.5	28.0	27.4
7	Hay.....	do.	13.0	14.0	14.5	14.0
8	Other.....	do.	12.3	14.3	16.4	14.0
	Crop yield per harvested acre:					
9	Tobacco.....	Pounds	1,105	967	1,116	957
10	Cotton.....	do.	442	355	427	326
11	Corn.....	Bushels	19.2	22.3	18.9	22.0
12	Hay.....	Tons	1.0	1.0	1.0	.9
	Livestock on farms, January 1:					
13	All cattle.....	Number	5	5	5	5
14	Milk cows.....	do.	3	3	3	3
15	Chickens.....	do.	108	108	108	120
16	Mules.....	do.	5	5	5	5
17	Pigs raised.....	do.	12	12	12	12
18	Tractors on farm.....	do.	0	0	0	0
19	Total labor used.....	Hours	10,700	10,510	11,300	11,300
20	Operator and family.....	do.	3,110	3,070	3,280	3,280
21	Hired.....	do.	1,360	1,310	1,450	1,460
22	Cropper.....	do.	6,230	6,130	6,570	6,560
23	Total farm capital, January 1.....	Dollars	12,730	12,760	14,080	15,700
24	Land and buildings.....	do.	10,540	10,540	11,560	12,750
25	Machinery and equipment.....	do.	720	760	840	930
26	Livestock.....	do.	1,140	1,090	1,240	1,450
27	Crops for sale, feed and seed.....	do.	330	370	440	570
28	Total cash receipts.....	do.	2,625	3,896	5,823	5,412
29	Tobacco.....	do.	1,603	2,522	4,165	3,988
30	Cotton.....	do.	-570	804	1,106	887
31	Other crops.....	do.	51	88	163	96
32	Livestock and livestock products.....	do.	121	162	214	261
33	Other, including Government payments.....	do.	280	320	175	180
34	Total cash expenditures.....	do.	1,980	2,433	3,192	3,308
35	Feed purchased & other livestock expense.....	do.	177	176	198	254
36	Crop expense.....	do.	457	452	552	654
37	Power and machinery.....	do.	308	347	390	447
38	Farm buildings and fences.....	do.	157	157	129	142
39	Labor hired.....	do.	191	210	291	381
40	Cropper labor.....	do.	562	962	1,498	1,291
41	General farm and miscellaneous.....	do.	128	129	134	139
42	Net cash farm income.....	do.	645	1,463	2,631	2,104
43	Perquisites for cropper and hired labor.....	do.	445	566	725	943
44	Total value of perquisites.....	do.	758	937	1,187	1,526
45	Change in inventory:					
45	Crops and livestock.....	do.	18	46	-41	28
46	Machinery and buildings.....	do.	65	85	35	70
47	Net farm income.....	do.	1,041	1,965	3,087	2,785
48	Charge for capital.....	do.	643	626	679	754
49	Return to operator and family labor.....	do.	398	1,339	2,408	2,031
50	Purchasing power in 1937-41 dollars.....	do.	410	1,275	2,007	1,516
51	Return per hour in current dollars.....	do.	.13	.44	.73	.62
	Index numbers (1947-49=100):					
52	Gross farm income.....	Percent	30	42	61	61
53	Net farm income.....	do.	27	50	79	71
54	Net farm production.....	do.	75	68	81	73
55	Crop yields per acre.....	do.	89	80	89	78
56	Production per hour of man labor.....	do.	76	70	78	70
57	Production per unit of input.....	do.	94	85	97	87
58	Operating expense per unit of production.....	do.	41	57	63	75
59	Total cost per unit of production.....	do.	43	57	61	75
60	Power and machinery, January 1.....	do.	32	33	33	35
61	Prices received for products sold.....	do.	35	62	76	81
62	Prices paid, incl. wages to hired labor.....	do.	43	53	66	66

<sup>1</sup>Data not available prior to 1940.

<sup>2</sup>Includes cropper labor.

Organization, production, costs and returns, 1940-51<sup>1</sup>

1944	1945	1946	1947	1948	1949	1950	1951	
170	170	170	170	170	170	170	170	1
71	71	71	71	71	72	71	72	2
99	99	99	99	99	98	99	98	3
12.8	13.2	14.8	14.5	11.0	11.6	11.8	13.6	4
10.8	16.1	9.6	10.5	11.9	13.1	8.9	11.8	5
27.4	27.7	27.6	27.0	28.5	28.8	30.3	29.6	6
13.0	14.0	12.0	12.0	12.0	11.0	11.0	10.0	7
12.0	12.0	12.0	12.0	12.6	12.5	14.0	12.0	8
1,116	1,122	1,198	1,215	1,300	1,256	1,406	1,422	9
466	293	307	307	468	241	108	377	10
20.7	25.1	27.2	32.1	27.1	36.1	33.7	31.2	11
.9	1.0	1.0	1.0	1.0	1.2	1.0	1.0	12
5	5	5	5	5	5	5	5	13
3	3	3	3	3	3	3	3	14
120	120	125	135	135	135	135	135	15
5	5	5	4	4	3	3	3	16
12	12	18	18	18	18	18	18	17
0	0	0	1.0	1.0	1.0	1.0	1.0	18
12,340	12,340	13,030	11,700	10,310	10,530	10,250	11,440	19
3,550	3,550	3,730	3,360	2,980	3,030	2,850	3,270	20
7,100	7,100	7,460	6,710	5,970	6,070	5,910	6,530	21
1,690	1,690	1,840	1,630	1,360	1,430	1,390	1,640	22
18,240	20,300	24,440	28,950	30,250	31,340	32,380	35,230	23
14,620	16,660	19,890	22,780	23,890	24,550	25,500	27,880	24
1,060	1,150	1,830	3,240	3,690	4,100	4,390	4,520	25
1,720	1,650	1,820	1,860	1,870	1,680	1,510	1,620	26
840	840	980	1,070	1,590	910	980	1,210	27
7,661	7,575	10,603	9,662	9,832	8,971	10,856	13,909	28
5,986	6,314	8,813	7,357	6,844	6,915	9,095	10,370	29
1,280	813	1,153	1,286	2,039	1,055	466	2,054	30
105	128	247	380	308	405	734	760	31
247	280	336	586	608	533	497	657	32
43	40	54	53	33	63	64	68	33
4,412	4,636	6,141	6,392	6,520	6,254	7,152	8,660	34
272	292	324	360	410	341	337	366	35
895	966	1,239	1,393	1,358	1,427	1,498	1,767	36
514	583	793	1,356	1,461	1,472	1,694	1,804	37
163	217	296	339	310	321	332	415	38
1,895	1,808	2,564	2,021	2,163	1,815	2,430	3,245	39
524	606	752	732	612	657	636	820	40
149	164	173	191	206	221	225	243	41
3,249	2,939	4,462	3,270	3,312	2,717	3,704	5,249	42
883	953	1,038	1,233	1,239	1,092	1,000	1,231	43
1,451	1,575	1,721	2,047	2,065	1,852	1,721	2,089	44
-35	116	-23	162	-283	167	28	-128	45
67	112	99	94	-13	-53	104	95	46
3,849	3,789	5,221	4,340	3,842	3,591	4,557	6,074	47
879	955	1,216	1,478	1,599	1,616	1,701	1,921	48
2,970	2,834	4,005	2,862	2,243	1,975	2,856	4,153	49
2,106	1,928	2,457	1,498	1,110	1,008	1,442	1,923	50
.84	.80	1.07	.85	.75	.65	.97	1.27	51
79	81	107	103	101	96	110	138	52
98	97	133	111	98	91	116	155	53
94	91	102	106	97	97	98	119	54
91	88	93	96	105	99	101	110	55
82	80	85	98	103	99	103	113	56
102	97	100	102	100	98	95	109	57
74	80	92	94	105	101	109	109	58
73	81	91	94	104	102	108	107	59
38	41	63	99	99	102	108	104	60
86	90	108	96	103	101	118	118	61
79	79	93	95	105	100	105	118	62

TABLE 14.--Cotton farms, southern Piedmont:

	ITEM	UNIT	1930	1931	1932	1933	1934	1935	1936	1937
1	Land in farm.....	Acres	156	156	156	156	157	157	157	158
2	do. Cropland harvested.....	do.	64	66	67	62	61	63	66	68
Crops harvested:										
3	Cotton.....	do.	32.3	30.6	26.8	22.7	21.0	21.2	21.8	23.9
4	do. Corn.....	do.	20.0	21.5	22.3	22.8	23.4	23.4	22.3	22.0
5	do. Small grains.....	do.	5.2	6.3	7.5	7.3	8.1	8.7	9.1	8.5
6	do. Hay.....	do.	4.8	4.7	7.4	6.4	6.0	5.4	7.7	9.0
Crop yields per harvested acre:										
7	Cotton.....	Pounds	231	238	177	244	220	234	213	279
8	do. Corn.....	Bushels	13.1	12.7	11.0	13.2	11.2	13.7	9.0	12.3
Livestock on farm, January 1:										
9	All cattle.....	Number	3.5	3.5	3.8	4.0	4.0	3.9	3.9	3.3
10	do. Milk cows.....	do.	1.8	2.1	2.1	2.2	2.4	2.3	2.4	2.0
11	do. Chickens.....	do.	40	37	37	37	35	36	37	36
12	do. Horses and mules.....	do.	3.0	2.9	3.0	3.0	2.9	2.9	2.6	2.7
13	Pigs raised.....	do.	4.3	4.2	3.9	3.5	3.5	3.1	3.0	3.0
14	Tractors on farm.....	do.	.04	.05	.05	.05	.06	.07	.08	.09
Total labor used.....										
15	Operator and family.....	Hours	6,500	6,380	6,090	5,530	5,340	5,380	5,460	5,690
16	do. Hired.....	do.	3,010	3,050	3,210	3,020	2,920	3,050	2,960	2,900
17	do. Cropper.....	do.	450	540	290	330	250	520	500	869
18	do. Cropper.....	do.	3,040	2,790	2,590	2,180	2,170	1,810	2,000	1,930
Total farm capital, January 1.....										
19	Land and buildings.....	Dollars	5,120	4,340	3,160	2,830	3,880	4,500	4,230	4,580
20	do. Machinery and equipment.....	do.	4,040	3,410	2,440	2,160	3,030	3,510	3,250	3,450
21	do. Livestock.....	do.	280	270	240	220	220	240	240	250
22	do. Crops for sale, seed and feed.....	do.	530	430	340	320	430	500	550	620
23	do. Other.....	do.	270	230	140	130	200	270	190	260
Total cash receipts.....										
24	Cotton, lint and seed.....	do.	963	597	441	766	965	980	1,033	978
25	do. Other crops.....	do.	808	469	346	539	692	640	688	666
26	do. Cattle.....	do.	61	50	40	94	95	134	78	125
27	do. Other livestock and livestock products.....	do.	21	14	12	16	15	22	35	22
28	do. Taxes.....	do.	63	55	36	31	38	54	82	69
29	do. Other, including Government payments.....	do.	10	9	7	86	125	130	150	96
Total cash expenditures.....										
30	Feed purchased.....	do.	933	660	469	557	648	680	734	857
31	do. Livestock expense.....	do.	61	50	40	42	50	52	55	53
32	do. Fertilizer.....	do.	44	44	36	35	47	41	64	65
33	do. Poison.....	do.	267	185	101	103	145	161	156	219
34	do. Other crop expense.....	do.	19	16	10	9	8	8	11	13
35	do. Ginning.....	do.	26	20	14	11	17	22	22	32
36	do. Machinery.....	do.	56	41	27	40	36	35	32	45
37	do. Machine work hired.....	do.	122	87	77	83	106	107	122	136
38	do. Farm buildings and fences.....	do.	12	11	9	12	14	14	13	17
39	do. Labor, hired and cropper.....	do.	36	19	9	22	26	39	36	41
40	do. Taxes.....	do.	215	116	79	143	142	140	162	174
41	do. Other.....	do.	62	61	58	48	47	50	48	50
42	do. Other.....	do.	13	10	9	9	10	11	11	12
43	Net cash farm income.....	do.	30	-63	-28	209	317	300	299	121
44	Perquisites for cropper and hired labor.....	do.	192	146	115	100	135	116	121	107
45	Total value of perquisites.....	do.	464	367	285	283	322	350	372	357
Change in inventory:										
46	Crops and livestock.....	do.	-13	23	7	-16	-18	-41	1	2
47	do. Machinery and buildings.....	do.	-6	-35	-49	-12	-4	3	11	18
48	Net farm income.....	do.	283	146	100	364	482	496	562	391
49	Charge for capital.....	do.	343	294	215	191	240	257	226	241
50	Return to operator and family labor.....	do.	-60	-148	-115	173	242	239	336	150
51	do. Purchasing power in 1937-41 dollars.....	do.	-52	-148	-135	199	247	239	336	146
52	do. Return per hour in current dollars.....	do.	-.02	-.05	-.04	.06	.08	.08	.11	.05
Index numbers (1947-49 = 100):										
53	Gross farm income.....	Percent	39	28	20	29	35	36	39	37
54	do. Net farm income.....	do.	18	9	6	23	31	32	36	25
55	do. Net farm production.....	do.	108	113	84	90	81	88	82	104
56	do. Crop yields per acre.....	do.	78	82	66	81	73	81	70	87
57	do. Production per hour of man labor.....	do.	74	79	61	73	68	73	67	82
58	do. Production per unit of input.....	do.	98	105	84	96	88	93	85	103
59	do. Operating expense per unit of production.....	do.	52	37	37	37	46	45	51	45
60	do. Total cost per unit of production.....	do.	48	35	35	33	44	44	45	39
61	do. Power and machinery, January 1.....	do.	53	52	50	45	42	44	45	47
62	do. Prices received for products sold.....	do.	33	20	22	30	42	38	42	31
63	do. Prices paid, incl. wages to hired labor.....	do.	49	38	33	39	45	45	46	47

<sup>1</sup> Includes cropper labor.

Organization, production, costs and returns, 1930-51

1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	
158 65	158 65	159 67	159 65	159 66	160 66	160 63	160 61	160 62	161 60	161 60	161 64	167 56	169 63	1 2
20.6 24.0 8.6 3.6	20.0 22.7 9.1 9.1	19.9 22.1 9.3 10.0	19.7 20.1 9.2 10.3	19.1 17.6 10.5 12.3	19.8 19.6 10.2 11.1	19.0 18.0 11.9 11.2	17.3 17.1 11.4 10.4	18.3 17.1 12.1 11.0	17.7 17.0 12.1 9.8	17.5 16.7 11.4 10.9	20.4 17.7 11.4 10.5	16.4 16.4 12.0 6.6	19.0 19.3 12.1 11.3	3 4 5 6
205 12.4	285 12.0	329 11.7	177 10.9	315 13.2	252 14.4	311 13.8	332 15.7	300 16.1	281 16.8	345 17.7	228 20.2	203 20.4	322 19.3	7 8
3.3 2.0 38 2.7	3.4 2.0 39 2.7	3.5 1.9 41 2.7	3.9 2.2 39 2.8	4.0 2.2 47 2.9	3.9 2.2 47 2.7	3.9 2.1 48 2.7	4.1 2.4 47 2.6	4.2 2.3 46 2.8	3.6 2.1 45 2.4	3.8 2.1 44 2.2	3.6 2.1 42 2.1	3.8 2.0 46 1.9	4.7 2.1 49 1.8	9 10 11 12
3.0 .11	3.8 .13	3.5 .14	3.5 .16	3.2 .19	3.8 .21	4.0 .21	3.5 .23	3.6 .24	3.4 .29	3.3 .33	3.4 .37	3.3 .43	3.5 .49	13 14
5,290 3,090 560 1,640	5,160 2,850 660 1,650	5,130 2,750 740 1,640	5,000 3,070 520 1,410	4,870 2,950 760 1,160	4,990 2,980 800 1,210	4,960 2,940 890 1,130	4,580 2,840 650 1,090	4,660 2,910 470 1,060	4,420 2,900 470 1,050	4,320 2,790 530 1,000	4,630 3,030 440 1,160	3,910 2,720 290 900	4,620 2,810 500 1,310	15 16 17 18
4,350 3,310 280 580 180	4,750 3,710 290 580 170	4,760 3,670 290 590 210	5,070 3,930 320 600 270	5,590 4,230 390 700 270	6,410 4,810 430 800 370	7,430 5,550 460 910 510	8,040 6,160 520 860 500	8,900 6,920 570 950 460	10,740 8,450 760 940 590	11,260 8,880 1,070 900 590	11,850 9,400 1,130 870 510	11,870 9,540 1,130 790 410	13,670 11,020 1,280 890 480	19 20 21 22 23
883 426 113 20 80 244	1,045 605 102 25 87 226	1,135 722 112 13 73 215	1,082 696 88 37 96 165	1,780 1,328 130 53 160 109	1,781 1,185 236 61 182 117	2,062 1,453 323 36 144 106	2,145 1,449 347 64 220 65	3,023 2,153 471 108 211 80	2,889 1,864 596 70 274 85	3,118 2,107 572 106 272 61	2,475 1,474 51 93 284 83	2,610 1,482 708 41 263 106	4,098 2,616 940 119 322 101	24 25 26 27 28 29
722 46 75 202 11 22 30 138 12 38 97 40 11	786 50 60 199 8 20 43 143 14 54 145 39 11	861 53 58 204 7 24 44 171 23 52 174 40 11	870 60 79 218 9 22 25 187 27 47 144 41 11	1,130 73 73 264 11 30 58 189 39 49 290 41 13	1,260 89 87 349 12 34 50 191 50 41 305 37 15	1,402 90 91 327 13 46 55 237 63 42 380 37 16	1,448 93 110 336 13 42 71 252 74 36 383 39 16	1,785 113 55 367 16 44 71 330 87 106 537 44 18	1,808 121 80 406 18 47 72 353 95 128 428 47 21	2,021 105 78 449 24 59 97 412 84 150 472 51 24	1,889 107 78 504 28 52 73 433 94 116 326 57 23	1,969 110 55 402 71 43 57 539 90 112 305 61 24	2,533 127 58 468 82 64 105 650 95 120 671 66 26	30 31 32 33 34 35 36 37 38 39 40 41 42
161 92 318 12 12 411 216 195 199 .06	259 62 329 17 14 537 237 300 309 .11	274 75 324 20 31 574 234 340 351 .12	212 82 371 36 27 564 243 321 306 .10	650 97 456 -5 15 1,019 268 751 626 .25	521 134 619 -11 -7 988 312 676 504 .23	660 132 617 -30 13 1,128 357 771 547 .26	697 142 643 31 5 1,234 381 853 580 .30	1,238 172 723 -90 86 1,785 437 1,348 827 .46	1,081 187 822 -122 79 1,673 532 1,141 597 .39	1,097 175 807 2 91 1,822 564 1,258 623 .45	586 150 787 -31 12 1,204 601 603 308 .20	741 114 716 1 42 1,386 602 784 396 .29	1,565 150 831 148 70 2,464 743 1,721 797 .61	43 44 45 46 47 48 49 50 51 52
34 25 82 75 69 86 48 44 53 32 45	39 34 97 91 84 102 44 39 55 32 47	41 37 104 97 90 106 43 38 55 33 48	42 36 72 65 64 75 64 59 59 55 62 52	62 65 100 91 81 104 60 53 67 62 66	67 63 91 86 91 92 77 69 69 71 71	74 72 101 99 91 101 75 70 73 73 76	79 79 104 106 101 106 93 89 81 75 81	102 114 100 102 95 100 96 101 89 82 107 92	100 107 94 97 94 96 101 96 98 108 97	110 116 109 113 112 110 103 93 106 106 101 105	90 77 97 90 97 94 103 106 98 91 98	93 89 85 84 97 88 113 115 111 113 103	142 157 122 110 118 103 106 103 117 117 116	53 54 55 56 57 58 59 60 61 62 63

TABLE 15.--Cotton farms, Black Prairie, Texas:

	ITEM	UNIT	1930	1931	1932	1933	1934	1935	1936	1937
1	Land in farm.....	Acres	120	121	122	124	125	127	130	135
2	Cropland harvested.....	do.	93	94	101	93	90	91	93	103
	Crops harvested:									
3	Cotton.....	do.	64.0	57.4	57.2	51.8	43.9	45.6	52.1	60.6
4	Corn.....	do.	17.0	19.2	24.5	23.4	25.1	24.6	23.1	24.1
5	Oats.....	do.	5.8	9.8	9.8	6.6	8.9	8.9	7.9	9.2
6	Grain sorghum.....	do.	1.2	1.4	1.6	1.6	2.0	3.0	1.7	1.8
7	Hay and forage.....	do.	5.4	6.3	7.7	10.0	9.6	9.2	8.2	7.0
	Crop yields per harvested acre:									
8	Cotton.....	Pounds	144	185	144	191	141	115	139	189
9	Corn.....	Bushels	19.5	19.2	20.4	15.0	10.4	25.5	19.1	20.2
	Livestock on farm, January 1:									
10	All cattle.....	Number	4.2	4.4	4.7	5.5	6.2	5.5	5.5	6.3
11	Milk cows.....	do.	2.4	2.4	2.3	2.5	2.6	2.6	2.7	3.2
12	Beef cows.....	do.	.1	.1	.2	.2	.3	.3	.3	.3
13	Chickens.....	do.	74	73	74	76	73	68	70	77
14	Pigs raised.....	do.	3.4	3.7	4.2	4.7	4.4	4.5	4.6	4.8
15	Tractors on farm.....	do.	.03	.05	.06	.07	.08	.10	.14	.20
16	Total labor used.....	Hours	5,160	5,440	5,020	5,810	4,320	4,130	4,630	5,840
17	Operator and family.....	do.	3,100	3,070	3,200	3,380	3,020	3,010	2,970	3,200
18	Hired.....	do.	2,060	2,370	1,820	2,430	1,300	1,120	1,660	2,640
19	Total farm capital, January 1.....	Dollars	11,460	9,150	6,660	6,390	7,120	7,740	8,120	9,070
20	Land and buildings.....	do.	10,080	7,990	5,730	5,580	6,120	6,520	6,820	7,510
21	Machinery and equipment.....	do.	410	420	390	350	340	340	420	500
22	Livestock.....	do.	610	440	370	340	430	480	630	670
23	Crops for sale, feed and seed.....	do.	360	300	170	120	230	400	250	390
24	Total cash receipts.....	do.	1,300	796	713	1,307	1,365	1,264	1,498	1,739
25	Cotton, lint and seed.....	do.	1,100	637	567	979	580	692	1,055	1,242
26	Other crops.....	do.	9	32	66	44	11	204	109	121
27	Cattle.....	do.	41	27	10	9	32	25	25	63
28	Dairy products.....	do.	38	23	12	15	19	35	42	63
29	Hogs.....	do.	19	16	11	11	8	38	38	42
30	Poultry and eggs.....	do.	84	54	40	38	49	74	76	82
31	Other, including Government payments.....	do.	9	7	7	211	186	196	153	126
32	Total cash expenditures.....	do.	852	717	533	667	575	650	768	1,037
33	Feed purchased.....	do.	45	33	23	24	28	30	33	37
34	Livestock expense.....	do.	32	26	19	18	21	31	26	38
35	Poison.....	do.	-	-	-	-	-	-	-	-
36	Other crop expense.....	do.	41	39	23	24	31	53	30	41
37	Ginning.....	do.	114	102	80	120	75	61	87	135
38	Machinery.....	do.	164	132	116	122	148	216	250	307
39	Machine work hired.....	do.	33	30	23	23	19	637	22	31
40	Farm buildings and fences.....	do.	50	35	19	26	38	48	52	57
41	Labor hired.....	do.	265	209	141	223	137	117	194	314
42	Taxes.....	do.	91	96	76	75	66	62	61	63
43	Other.....	do.	17	15	13	12	12	13	13	14
44	Net cash farm income.....	do.	448	79	180	640	710	614	730	702
45	Value of perquisites.....	do.	302	241	185	193	202	232	266	271
46	Change in inventory:									
47	Crops and livestock.....	do.	-3	19	11	-11	-35	32	17	-9
47	Machinery and buildings.....	do.	9	-21	-36	-29	-2	60	64	83
48	Net farm income.....	do.	756	318	340	793	875	938	1,077	1,047
49	Charge for capital.....	do.	821	648	465	434	457	469	449	482
50	Return to operator and family labor.....	do.	-65	-330	-125	359	418	469	628	565
51	Purchasing power in 1937-41 dollars.....	do.	-56	-330	-147	413	427	469	628	549
52	Return per hour in current dollars.....	do.	-.02	-.11	-.04	.11	.14	.16	.21	.18
	Index numbers (1947-49 = 100):									
53	Gross farm income.....	Percent	26	17	15	24	24	25	29	33
54	Net farm income.....	do.	24	10	11	26	28	30	35	34
55	Net farm production.....	do.	73	85	74	79	53	61	66	95
56	Crop yields per acre.....	do.	84	102	85	101	74	76	80	104
57	Production per hour of man labor.....	do.	71	79	75	69	62	75	72	82
58	Production per unit of input.....	do.	95	108	100	94	79	93	90	108
59	Operating expense per unit of production.....	do.	39	29	26	30	37	33	36	34
60	Total cost per unit of production.....	do.	58	41	35	37	50	45	46	39
61	Power and machinery, January 1.....	do.	41	42	40	36	34	33	40	46
62	Prices received for products sold.....	do.	35	18	20	28	42	36	42	32
63	Prices paid, incl. wages to hired labor.....	do.	47	37	34	35	42	46	44	44

Organization, production, costs and returns, 1930-51

1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	
138 91	141 91	143 95	145 90	146 88	147 102	149 101	151 97	153 99	155 102	157 101	159 104	161 97	163 104	1
43.6 26.3 11.1 1.8 8.6	42.9 28.6 9.7 1.7 8.5	43.9 28.1 9.4 1.7 11.8	42.0 28.0 7.5 1.4 11.4	43.4 30.0 1.9 1.5 11.4	46.8 33.6 6.5 2.5 13.1	47.2 31.1 7.9 2.1 13.1	49.7 25.8 8.2 2.2 11.0	54.9 26.1 7.7 2.4 8.1	61.5 24.4 6.8 2.4 7.4	66.4 26.4 4.6 2.7 7.0	71.4 17.9 5.5 2.3 6.8	52.0 28.4 5.5 2.6 6.7	74.0 18.3 2.6 4.3 6.8	3 4 5 6 7
179 20.9	162 18.8	173 25.1	123 18.8	151 16.5	169 19.2	155 16.5	137 17.5	106 18.6	174 18.4	162 18.8	202 25.2	153 23.3	125 20.0	8 9
6.2 3.3 .3 73	5.6 3.4 .3 77	6.0 3.2 .4 80	7.7 3.0 .6 75	9.2 2.7 1.5 87	7.5 3.0 .9 104	8.5 3.0 1.6 111	10.6 3.0 2.9 101	11.0 3.3 3.0 93	10.6 3.0 2.9 78	10.6 2.5 2.9 74	10.2 2.3 2.6 64	10.7 2.5 2.6 66	12.5 2.4 3.6 63	10 11 12 13
5.2	5.9	5.4	5.4	6.3	6.9	6.4	6.1	4.9	5.0	5.1	5.2	5.2	6.1	14
26	.34	.40	.50	.60	.70	.74	.82	.86	.90	.94	.98	1.03	1.08	15
4 760 2 990 1 770	4 530 2 960 1 570	4 660 2 940 1 720	3 940 2 770 1 170	4 210 2 770 1 440	4 740 3 040 1 700	4 540 2 970 1 570	4 260 2 840 1 420	3 980 2 800 1 180	5 040 2 790 2 250	4 820 2 720 2 100	5 340 2 620 2 720	3 900 2 520 1 360	4 080 2 560 1 520	16 17 18
9 150 7 580 630 650 290	8 570 7 050 680 610 230	8 820 7 240 730 590 260	8 770 7 090 880 690 240	10 120 7 970 1 070 750 330	10 220 7 750 1 160 890 420	11 360 8 790 1 190 860 520	11 580 8 920 1 210 900 550	13 680 10 920 1 270 960 530	15 520 12 320 1 580 1 070 550	18 070 14 220 1 870 1 250 730	18 020 14 070 2 150 1 380 500	19 660 15 540 2 380 1 340 400	23 640 18 440 2 630 2 000 570	19 20 21 22 23
1 390 772 174 75 57 36 82 254	1 462 768 134 68 54 47 89 362	1 596 812 243 20 63 31 88 339	1 859 1 048 188 42 73 45 123 340	2 251 1 387 100 245 66 107 177 169	3 020 1 858 421 92 100 125 264 160	2 810 1 796 431 54 94 95 250 90	2 875 1 757 367 182 100 93 292 84	3 782 2 358 567 272 150 150 251 92	5 622 4 078 613 295 154 150 249 83	5 186 3 874 316 371 129 164 251 81	5 812 4 615 384 259 105 136 226 87	5 154 3 632 717 561 127 135 201 115	5 266 3 701 308 267 134 182 250 130	24 25 26 27 28 29 30 31
851	825	946	1 053	1 232	1 399	1 623	1 618	1 869	2 711	2 914	3 736	2 833	3 471	32
32 29 - 28 87 333 25 61 178 63 15	37 39 - 27 77 323 24 61 159 64 14	37 30 - 36 81 497 28 66 183 63 15	65 25 - 34 67 499 22 62 199 64 6	85 32 - 47 88 481 30 59 327 65 18	114 35 - 70 100 419 39 55 481 66 20	150 36 - 106 94 527 40 56 525 68 21	145 42 - 105 95 527 52 67 486 76 23	205 40 28 128 85 633 66 101 491 68 24	200 39 43 154 189 739 101 110 1 027 82 27	195 39 63 171 226 887 113 132 982 76 30	184 41 99 168 322 1 137 150 139 1 366 98 32	186 39 168 187 979 144 148 688 101 33	202 45 240 184 263 1 149 148 135 969 99 36	33 34 35 36 37 38 39 40 41 42 43
539	637	650	806	1 019	1 621	1 187	1 257	1 913	2 911	2 272	2 076	2 321	1 795	44
-237	233	232	275	344	463	440	484	507	604	628	593	532	596	45
-2 85	-9 56	2 113	60 134	-65 51	-26 -72	54 -3	-57 -9	-158 70	-76 37	-120 74	65 206	278 47	-101 61	46 47
859	917	997	1 275	1 349	1 986	1 678	1 675	2 332	3 476	2 854	2 940	3 178	2 351	48
462	420	423	413	481	493	539	562	673	765	909	907	1 016	1 241	49
397 405 .13	497 512 .17	574 522 -20	862 821 .31	868 723 .31	1 493 1 114 .49	1 139 808 .38	1 113 757 -39	1 659 1 018 .59	2 711 1 419 .97	1 945 963 .72	2 033 1 037 -78	2 162 1 092 .86	1 110 514 .43	50 51 52
27 28 77 100 81 99 34 41 54 29 44	28 30 71 91 80 93 36 43 61 31 45	30 32 79 102 86 99 35 40 66 31 45	36 41 59 74 76 81 51 58 76 53 54	41 44 66 83 80 84 51 67 88 59 61	57 64 80 93 85 94 61 71 93 68 68	54 54 76 86 85 91 70 82 88 70 76	54 54 72 80 86 88 74 89 88 73 77	68 75 75 66 86 81 89 106 88 103 84	101 113 93 96 94 98 95 98 99 108 97	93 92 90 90 95 94 104 107 104 102 100	106 95 117 114 111 108 101 95 104 90 103	98 103 85 91 111 93 107 113 114 114 102	96 76 82 75 101 83 138 142 117 115 114	53 54 55 56 57 58 59 60 61 62 63



TABLE 16.--Cotton farms (nonirrigated), high Plains, Texas:

	ITEM	UNIT	1937	1938	1939	1940	1941
1	Land in farm.....	Acres	248	253	258	263	269
2	Cropland harvested.....	do.	202	176	183	204	196
	Crops harvested:						
3	Cotton.....	do.	112.5	76.5	76.6	83.7	78.0
4	Grain sorghum.....	do.	54.0	54.0	58.0	65.0	65.0
5	Forage.....	do.	35.0	46.0	48.0	55.0	53.0
	Crop yields per harvested acre:						
6	Cotton.....	Pounds	274	158	173	166	227
7	Grain sorghum.....	Bushels	21.0	14.7	14.8	15.4	25.5
8	Forage.....	Tons	1.6	1.3	1.3	1.1	1.5
	Livestock on farm, January 1:						
9	All cattle.....	Number	10.0	8.3	8.3	10.9	10.0
10	Milk cows.....	do.	4.0	3.5	3.5	4.0	3.9
11	Beef cows.....	do.	1.0	.8	.8	1.0	1.1
12	Chickens.....	do.	114	108	114	118	114
13	Pigs raised.....	do.	4.2	4.6	6.1	4.7	5.7
14	Tractors on farm.....	do.	.53	.67	.79	.86	.98
15	Total labor used.....	Hours	5,700	3,700	3,840	4,030	4,280
16	Operator and family.....	do.	2,270	2,260	2,260	2,330	2,250
17	Hired.....	do.	3,430	1,440	1,580	1,700	2,030
18	Total farm capital, January 1.....	Dollars	11,420	11,960	11,970	12,540	12,610
19	Land and buildings.....	do.	9,030	9,510	9,490	9,940	9,890
20	Machinery and equipment.....	do.	1,120	1,400	1,530	1,540	1,750
21	Livestock.....	do.	670	610	590	640	590
22	Crops for sale, feed and seed.....	do.	600	440	360	420	380
23	Total cash receipts.....	do.	3,877	2,146	2,645	2,879	4,780
24	Cotton, lint and seed.....	do.	2,606	1,095	1,276	1,386	2,951
25	Other crops.....	do.	409	229	408	460	676
26	Cattle.....	do.	132	72	36	103	145
27	Dairy products.....	do.	97	66	61	95	117
28	Hogs.....	do.	47	21	51	32	63
29	Poultry and eggs.....	do.	192	171	159	165	209
30	Other, including Government payments.....	do.	400	492	654	648	619
31	Total cash expenditures.....	do.	2,588	1,582	1,550	1,831	2,255
32	Feed purchased.....	do.	63	49	51	62	132
33	Livestock expense.....	do.	38	31	32	37	39
34	Poison.....	do.	-	-	-	-	34
35	Other crop expense.....	do.	44	28	30	36	283
36	Ginning.....	do.	435	160	176	162	897
37	Machinery.....	do.	954	843	751	913	103
38	Machine work hired.....	do.	78	49	53	66	65
39	Farm buildings and fences.....	do.	42	44	52	46	593
40	Labor hired.....	do.	840	281	301	364	87
41	Taxes.....	do.	75	79	84	87	89
42	Other.....	do.	19	18	18	19	20
43	Net cash farm income.....	do.	1,289	564	1,095	1,048	2,525
44	Value of perquisites.....	do.	253	221	217	212	258
45	Change in inventory:						
46	Crops and livestock.....	do.	-39	-2	46	-99	66
46	Machinery and buildings.....	do.	223	157	50	185	108
47	Net farm income.....	do.	1,726	940	1,408	1,346	2,957
48	Charge for capital.....	do.	615	613	595	609	599
49	Return to operator and family labor.....	do.	1,111	327	813	737	2,358
50	Purchasing power in 1937-41 dollars.....	do.	1,080	334	838	760	2,246
51	Return per hour in current dollars.....	do.	.49	.14	.36	.32	1.05
	Index numbers (1947-49 = 100):						
52	Gross farm income.....	Percent	34	20	24	25	43
53	Net farm income.....	do.	27	15	22	21	46
54	Net farm production.....	do.	112	56	61	63	85
55	Crop yields per acre.....	do.	141	85	91	89	126
56	Production per hour of man labor.....	do.	93	71	76	74	94
57	Production per unit of input.....	do.	113	81	84	82	102
58	Operating expense per unit of production.....	do.	38	45	44	46	45
59	Total cost per unit of production.....	do.	35	50	46	47	44
60	Power and machinery, January 1.....	do.	61	73	81	83	92
61	Prices received for products sold.....	do.	28	28	31	32	45
62	Prices paid, incl. wages to hired labor.....	do.	44	47	45	47	51

Data not available prior to 1937.

Organization, production, costs and returns, 1937-51<sup>1</sup>

1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	
274	280	285	289	296	302	309	315	322	328	1
212	222	233	193	191	230	229	238	218	232	2
83.0	88.1	89.7	44.6	55.0	129.7	129.5	159.0	96.2	162.0	3
84.0	116.0	131.4	126.0	117.0	89.5	87.5	69.0	111.8	61.2	4
45.0	18.0	21.7	22.0	18.8	11.2	11.6	9.7	9.7	9.0	5
240	210	246	110	90	220	90	264	174	148	6
23.0	20.0	22.0	11.0	14.8	16.0	12.5	18.5	17.0	16.5	7
1.7	1.4	1.5	1.2	1.4	1.2	1.4	1.5	1.4	1.1	8
10.0	10.0	10.0	10.0	9.0	7.5	8.0	7.0	7.6	8.0	9
3.8	3.7	3.6	3.5	3.2	2.9	2.6	2.3	2.0	2.0	10
1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.9	1.9	11
125	158	170	155	123	104	89	73	66	62	12
7.3	8.0	6.5	6.9	5.1	6.6	4.4	3.7	3.7	5.8	13
1.06	1.10	1.13	1.16	1.20	1.24	1.28	1.34	1.40	1.54	14
4,490	4,360	4,650	2,820	2,760	4,720	3,290	5,730	3,320	3,990	15
2,200	2,190	2,180	2,210	2,120	1,900	2,190	1,920	1,980	1,930	16
2,290	2,170	2,470	610	640	2,820	1,100	3,810	1,340	2,060	17
13,280	15,930	18,000	20,020	21,600	23,720	30,900	32,000	31,530	38,780	18
10,140	12,320	14,250	16,480	17,970	19,630	25,960	26,780	26,080	31,650	19
1,920	1,990	2,040	1,990	2,150	2,560	3,030	3,660	4,060	5,160	20
720	950	860	800	800	820	1,000	960	970	1,340	21
500	670	850	750	680	710	910	600	420	630	22
5,875	7,469	7,990	3,942	4,684	13,458	6,527	14,226	9,639	12,595	23
3,930	3,895	5,022	1,102	1,650	10,144	4,096	12,348	7,222	10,410	24
856	2,190	1,870	1,503	1,923	2,164	1,115	1,068	1,614	1,038	25
196	198	165	224	271	192	368	295	295	516	26
122	146	132	133	139	141	135	103	77	92	27
101	211	120	148	152	252	396	114	63	168	28
316	481	474	662	405	421	234	313	209	264	29
354	348	207	170	144	124	83	71	139	107	30
2,749	3,067	3,705	2,159	2,596	5,537	3,990	7,629	5,304	6,866	31
175	225	292	278	353	355	317	273	242	283	32
53	62	62	63	55	53	48	51	45	53	33
-	-	-	-	2	6	11	48	276	492	34
48	61	91	73	87	113	118	103	81	115	35
344	318	419	93	111	739	329	1,146	484	760	36
891	863	931	954	1,082	1,343	1,791	2,241	2,508	2,971	37
130	179	216	181	242	293	240	335	278	242	38
60	55	55	75	79	83	154	83	153	119	39
929	1,184	1,506	313	439	2,392	807	3,141	1,027	1,597	40
95	92	103	101	119	126	140	170	175	194	41
24	28	30	28	27	34	35	38	35	40	42
3,126	4,402	4,285	1,783	2,088	7,921	2,537	6,597	4,335	5,729	43
314	403	399	416	477	575	590	617	594	674	44
123	-264	-137	-310	-167	-49	-262	-25	151	-176	45
32	-96	-92	53	88	31	353	347	752	782	46
3,595	4,445	4,455	1,942	2,486	8,478	3,218	7,536	5,832	7,009	47
637	762	845	951	1,049	1,152	1,514	1,558	1,598	2,002	48
2,958	3,683	3,610	991	1,437	7,326	1,704	5,978	4,234	5,007	49
2,465	2,749	2,560	674	882	3,836	844	3,050	2,138	2,318	50
1.34	1.68	1.66	.45	.68	3.86	.78	3.11	2.14	2.59	51
53	64	69	34	42	117	58	125	87	110	52
56	69	69	30	39	132	50	118	91	109	53
95	89	104	42	44	105	55	140	76	85	54
129	113	130	61	57	112	54	134	94	82	55
100	97	107	71	74	104	60	116	110	101	56
107	101	111	67	68	196	74	120	90	85	57
50	62	64	83	97	93	114	93	105	126	58
48	61	63	108	118	85	132	83	110	125	59
97	98	94	90	92	96	97	107	117	137	60
53	68	65	75	90	111	101	88	112	128	61
59	68	74	75	85	97	100	103	105	111	62

TABLE 17.--Cotton farms (irrigated), High Plains, Texas:  
Organization, production, costs and returns, 1944-51<sup>1</sup>

ITEM		UNIT	1944	1945	1946	1947	1948	1949	1950	1951
1	Land in farm.....	Acres	244	251	257	264	271	278	285	292
2	Cropland harvested.....	do.	227	193	193	228	234	248	236	248
Crops harvested:										
3	Cotton.....	do.	85.0	36.6	56.7	139.0	144.0	183.0	115.0	188.0
4	Grain sorghum.....	do.	118.0	127.6	116.5	77.0	79.3	56.5	112.5	54.0
5	Forage.....	do.	24.0	28.8	19.8	12.0	10.7	8.5	8.7	6.5
Crop yields per harvested acre:										
6	Cotton.....	Pounds	385	328	364	366	276	373	321	267
7	Grain sorghum.....	Bushels	24.7	14.2	19.7	20.4	16.3	23.9	21.0	21.5
8	Forage.....	Tons	1.8	1.4	1.7	1.5	1.8	1.9	1.9	1.4
Livestock on farm, January 1:										
9	All cattle.....	Number	11.0	11.0	9.7	8.1	8.0	6.7	7.1	8.3
10	Milk cows.....	do.	4.4	4.3	3.9	3.5	3.2	2.8	2.5	2.5
11	Chickens.....	do.	182	166	130	108	93	74	65	62
12	Pigs raised.....	do.	22.5	26.8	15.9	23.7	17.1	13.5	10.9	15.4
13	Tractors on farm.....	do.	1.31	1.34	1.39	1.45	1.54	1.65	1.75	1.85
14	Total labor used.....	Hours	6,200	4,240	4,730	7,090	6,130	7,560	5,650	6,420
15	Operator and family.....	do.	2,350	2,240	2,170	2,290	2,290	2,180	2,330	2,100
16	Hired.....	do.	3,850	2,000	2,560	4,800	3,840	5,380	3,320	4,320
17	Total farm capital, January 1.....	Dollars	24,120	28,100	32,080	36,490	49,820	55,540	57,110	69,370
18	Land and buildings.....	do.	18,300	22,680	25,800	29,170	40,680	46,060	47,310	57,820
19	Machinery and equipment.....	do.	3,870	3,630	4,390	5,320	6,550	7,500	8,150	9,690
20	Livestock.....	do.	1,080	1,020	1,020	1,020	1,270	1,090	1,050	1,540
21	Crops for sale, feed and seed.....	do.	920	770	670	980	1,320	890	600	920
22	Total cash receipts.....	do.	10,934	6,396	11,303	22,179	16,500	22,345	18,954	26,142
23	Cotton, lint and seed.....	do.	7,454	2,767	7,212	18,120	13,339	20,079	16,059	23,542
24	Other crops.....	do.	1,901	1,747	2,381	2,011	1,159	1,030	1,962	1,054
25	Cattle.....	do.	177	247	286	227	373	176	121	552
26	Dairy products.....	do.	180	184	193	234	202	149	125	146
27	Hogs.....	do.	511	681	659	1,027	993	532	338	482
28	Poultry and eggs.....	do.	500	583	416	424	335	301	191	245
29	Other, including Government payments.....	do.	211	187	156	136	99	78	158	121
30	Total cash expenditures.....	do.	5,707	4,387	6,130	10,108	9,664	11,982	10,067	13,403
31	Feed purchased.....	do.	325	312	394	396	348	290	251	305
32	Livestock expense.....	do.	70	72	60	57	50	50	45	55
33	Poison.....	do.	0	0	2	10	17	73	439	737
34	Irrigation expense.....	do.	620	1,083	1,350	1,367	1,941	1,076	1,772	2,116
35	Other crop expense.....	do.	131	109	128	182	196	178	142	216
36	Ginning.....	do.	622	227	464	1,317	1,121	1,664	1,067	1,710
37	Machinery purchased.....	do.	268	394	548	795	1,251	1,532	1,638	2,293
38	Other machinery expense.....	do.	899	808	875	1,167	1,297	1,532	1,505	1,711
39	Farm buildings and fences.....	do.	78	94	107	150	222	199	241	275
40	Labor hired.....	do.	2,537	1,131	2,023	4,472	3,206	4,909	2,685	3,691
41	Taxes.....	do.	123	123	145	156	173	212	216	242
42	Other.....	do.	34	34	34	38	42	46	44	50
43	Net cash farm income.....	do.	5,227	2,009	5,173	12,071	6,636	10,363	8,887	12,739
44	Value of perquisites.....	do.	493	529	618	752	822	818	803	913
Change in inventory:										
45	Crops and livestock.....	do.	-79	-277	-167	-103	-339	-99	338	-338
46	Machinery and buildings.....	do.	-298	13	167	334	538	490	852	1,199
47	Net farm income.....	do.	5,413	2,274	5,791	13,054	7,657	11,572	10,880	14,513
48	Charge for capital.....	do.	1,153	1,345	1,575	1,766	2,430	2,719	2,797	3,535
49	Return to operator and family labor.....	do.	4,260	929	4,216	11,288	5,227	8,853	8,083	10,978
50	Purchasing power in 1937-41 dollars.....	do.	3,021	632	2,587	5,910	2,588	4,517	4,082	5,082
51	Return per hour in current dollars.....	do.	1.81	.41	1.94	4.93	2.28	4.06	3.47	5.23
Index numbers (1947-49 = 100):										
52	Gross farm income.....	Percent	54	32	56	109	81	110	96	127
53	Net farm income.....	do.	50	21	54	121	71	108	101	135
54	Net farm production.....	do.	81	41	56	98	79	123	80	98
55	Crop yields per acre.....	do.	115	94	106	107	82	111	96	87
56	Production per hour of man labor.....	do.	91	67	83	97	89	114	99	107
57	Production per unit of input.....	do.	99	64	77	100	86	114	86	92
58	Operating expense per unit of production.....	do.	70	99	101	96	114	90	112	120
59	Total cost per unit of production.....	do.	72	114	108	93	118	89	119	124
60	Power and machinery, January 1.....	do.	85	79	87	92	100	108	115	127
61	Prices received for products sold.....	do.	65	73	98	110	102	88	120	130
62	Prices paid, incl. wages to hired labor.....	do.	75	75	85	96	102	102	101	109

<sup>1</sup>Data not available prior to 1944.

TABLE 18.--Cotton farms (small), Delta: Organization, production, costs and returns, 1944-51<sup>1</sup>

	ITEM	UNIT	1944	1945	1946	1947	1948	1949	1950	1951
1	Land in farm.....	Acres	50	50	51	52	53	54	54	55
2	Cropland harvested.....	do.	30	30	31	32	32	32	30	31
	Crops harvested:									
3	Cotton.....	do.	14	14	16	18	19	20	15	17
4	Corn.....	do.	11	10	9	9	8	8	10	8
5	Soybeans.....	do.	2	2	3	2	2	1	2	3
6	Hay.....	do.	3	4	3	3	3	3	3	3
	Crop yields per harvested acre:									
7	Cotton.....	Pounds	382	323	300	320	424	316	328	308
8	Corn.....	Bushels	16.2	21.5	18.5	17.0	25.0	19.7	24.5	23.0
9	Soybeans.....	do.	13.3	13.6	14.9	10.3	17.1	18.0	20.6	17.2
10	Hay.....	Tons	1.0	.9	1.1	.9	1.1	1.1	1.2	1.0
	Livestock on farm, January 1:									
11	All cattle.....	Number	2.7	2.7	2.5	2.5	2.6	2.6	2.5	2.8
12	Milk cows.....	do.	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.3
13	Chickens.....	do.	41	39	38	36	36	36	39	37
14	Mules.....	do.	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.8
15	Pigs raised.....	do.	6.0	6.1	6.0	6.2	6.3	6.4	6.6	6.6
16	Tractors on farm.....	do.	.10	.14	.19	.24	.28	.33	.40	.48
17	Total labor used.....	Hours	3,270	3,200	3,320	3,570	3,780	3,890	3,070	3,510
18	Operator and family.....	do.	2,710	2,700	2,690	2,700	2,710	2,830	2,560	2,710
19	Hired.....	do.	560	500	630	870	1,070	1,060	510	800
20	Total farm capital, January 1.....	Dollars	3,790	4,130	4,580	5,550	6,340	6,710	7,100	8,640
21	Land and buildings.....	do.	2,670	2,990	3,350	4,040	4,580	4,750	5,060	6,100
22	Machinery and equipment.....	do.	380	430	500	670	860	1,140	1,360	1,710
23	Livestock.....	do.	490	460	470	530	540	550	470	550
24	Crops for sale, feed and seed.....	do.	250	250	260	310	360	270	210	280
25	Total cash receipts.....	do.	1,672	1,527	2,263	2,557	3,285	2,491	2,689	2,765
26	Cotton, lint and seed.....	do.	1,430	1,228	1,909	2,188	2,884	2,138	2,239	2,262
27	Other crops.....	do.	57	87	125	76	75	51	158	153
28	Cattle and hogs.....	do.	90	129	143	207	238	218	202	249
29	Dairy products.....	do.	0	0	0	0	0	0	0	0
30	Poultry and eggs.....	do.	47	54	64	67	73	74	72	80
31	Other, including Government payments.....	do.	48	29	22	19	15	10	18	21
32	Total cash expenditures.....	do.	796	771	974	1,205	1,653	1,599	1,564	1,907
33	Feed purchased.....	do.	87	63	92	115	104	92	90	101
34	Livestock expense.....	do.	42	46	38	40	41	36	31	28
35	Fertilizer and lime.....	do.	41	49	51	58	72	102	105	143
36	Poison.....	do.	4	4	5	8	9	16	48	68
37	Other crop expense.....	do.	67	70	74	82	83	85	75	111
38	Ginning.....	do.	76	65	84	109	166	142	121	140
39	Machinery.....	do.	160	184	248	284	450	544	669	742
40	Machine work hired.....	do.	32	39	42	31	37	35	56	61
41	Farm buildings and fences.....	do.	33	36	45	53	55	419	244	373
42	Labor hired.....	do.	196	155	236	363	567	419	244	373
43	Taxes.....	do.	26	27	26	27	31	35	34	37
44	Other.....	do.	32	33	33	35	38	39	39	42
45	Net cash farm income.....	do.	876	756	1,289	1,352	1,632	892	1,125	858
46	Value of perquisites.....	do.	372	429	431	505	547	479	449	540
47	Change in inventory:									
48	Crops and livestock.....	do.	-11	7	-35	-52	33	-35	58	7
48	Machinery and buildings.....	do.	42	48	84	72	165	181	244	214
49	Net farm income.....	do.	1,279	1,240	1,769	1,877	2,377	1,517	1,876	1,619
50	Charge for capital.....	do.	195	211	236	290	334	356	377	477
51	Return to operator and family labor.....	do.	1,084	1,029	1,533	1,587	2,043	1,161	1,499	1,142
52	Purchasing power in 1937-41 dollars.....	do.	769	700	940	831	1,011	592	757	529
53	Return per hour in current dollars.....	do.	.40	.38	.57	.59	.75	.41	.59	.42
	Index numbers (1947-49 = 100):									
54	Gross farm income.....	Percent	62	60	81	92	118	90	98	101
55	Net farm income.....	do.	66	64	92	98	124	79	98	84
56	Net farm production.....	do.	84	77	77	86	117	97	85	88
57	Crop yields per acre.....	do.	103	93	87	89	120	92	99	92
58	Production per hour of man labor.....	do.	96	90	86	90	117	93	104	94
59	Production per unit of input.....	do.	101	95	90	94	113	93	89	81
60	Operating expense per unit of production.....	do.	66	69	85	97	95	108	114	142
61	Total cost per unit of production.....	do.	73	81	97	102	90	108	113	143
62	Power and machinery, January 1.....	do.	59	66	75	87	97	116	136	160
63	Prices received for products sold.....	do.	71	75	108	107	101	92	120	115
64	Prices paid, incl. wages to hired labor.....	do.	76	77	85	95	104	101	104	112

<sup>1</sup>Data not available prior to 1944.



TABLE 19.--Cotton farms, (large-scale), Delta: Organization, production, costs and returns, 1944-51<sup>1</sup>

	ITEM	UNIT	1944	1945	1946	1947	1948	1949	1950	1951
1	Land in farm.....	Acres	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
2	Cropland harvested.....	do.	620	621	590	615	627	619	612	609
	Crops harvested:									
3	Cotton.....	do.	282	277	278	322	368	388	274	342
4	Corn.....	do.	141	136	129	106	104	92	137	86
5	Oats.....	do.	92	97	72	75	51	36	37	25
6	Soybeans.....	do.	20	22	34	36	36	40	101	95
7	Hay.....	do.	85	87	77	76	68	63	63	61
	Crop yields per harvested acre:									
8	Cotton.....	Pounds	460	402	354	393	508	359	428	351
9	Corn.....	Bushels	18.8	23.8	19.5	17.6	30.5	21.8	30.5	26.5
10	Oats.....	do.	34.4	30.3	30.3	33.4	31.3	29.8	30.5	32.5
11	Soybeans.....	do.	15.5	15.2	16.8	12.6	19.9	20.0	24.6	17.7
12	Hay.....	Tons	1.4	1.3	1.6	1.3	1.6	1.6	1.4	1.4
	Livestock on farm, January 1:									
13	All cattle.....	Number	71.6	72.1	67.3	63.4	60.2	58.0	62.0	68.1
14	Milk cows.....	do.	10.5	10.2	9.8	9.5	9.2	8.8	8.0	6.8
15	Chickens.....	do.	382	348	301	272	280	255	260	236
16	Mules.....	do.	27.0	25.7	22.3	21.5	18.5	16.3	14.2	11.7
17	Pigs raised.....	do.	86.2	74.3	72.7	74.3	73.6	72.2	74.1	71.8
18	Tractors on farm.....	do.	2.65	2.90	3.23	3.65	4.00	4.55	5.00	5.36
19	Total labor used.....	Hours	53,990	52,310	49,200	55,080	62,300	60,700	45,500	51,810
20	Operator and family.....	do.	3,200	3,200	3,200	3,200	3,200	3,200	3,200	3,200
21	Hired.....	do.	20,270	21,610	20,380	25,430	31,930	32,520	24,430	27,530
22	Cropper.....	do.	30,520	27,500	25,620	26,450	27,170	24,880	17,870	21,080
23	Total farm capital, January 1.....	Dollars	79,420	86,530	92,510	106,510	117,750	106,650	120,440	141,800
24	Land and buildings.....	do.	59,600	69,000	73,100	83,500	91,300	78,900	93,000	109,000
25	Machinery and equipment.....	do.	8,170	8,570	9,310	11,040	13,390	16,610	17,680	20,430
26	Livestock.....	do.	7,130	6,600	6,300	7,250	7,520	7,630	6,840	8,780
27	Crops for sale, feed and seed.....	do.	4,520	4,360	3,800	4,720	5,540	3,510	2,920	3,590
28	Total cash receipts.....	do.	40,956	39,154	48,643	57,758	78,893	54,314	68,157	61,644
29	Cotton, lint and seed.....	do.	34,225	31,067	40,564	50,021	68,952	46,671	54,230	51,137
30	Other crops.....	do.	3,658	4,811	4,631	3,633	4,938	3,934	9,829	5,945
31	Cattle and hogs.....	do.	1,962	2,459	2,810	3,491	4,371	3,218	3,437	3,980
32	Dairy products.....	do.	16	36	16	50	54	44	39	8
33	Poultry and eggs.....	do.	103	181	172	191	287	247	273	182
34	Other, including Government payments.....	do.	992	600	450	372	291	200	349	392
35	Total cash expenditures.....	do.	29,597	28,912	33,957	39,586	51,557	42,813	44,115	48,981
36	Feed purchased.....	do.	793	757	918	1,001	1,082	899	923	1,024
37	Livestock expense.....	do.	410	281	267	253	257	256	252	265
38	Fertilizer and lime.....	do.	1,717	1,965	2,060	2,319	2,858	3,343	3,003	3,553
39	Poison.....	do.	203	208	278	375	546	882	7,223	3,250
40	Other crop expense.....	do.	1,574	1,527	1,518	1,734	1,764	1,776	1,713	2,168
41	Ginning.....	do.	1,816	1,603	1,771	2,442	3,926	3,064	2,920	3,157
42	Machinery.....	do.	4,140	4,671	5,236	6,090	8,377	8,238	9,200	10,789
43	Farm buildings and fences.....	do.	212	234	236	258	286	338	646	812
44	Machine work hired.....	do.	650	875	1,078	1,110	1,092	1,110	1,238	1,238
45	Labor, hired and cropper.....	do.	17,111	15,935	19,826	23,047	30,238	21,734	20,496	21,523
46	Taxes.....	do.	70	808	787	790	901	950	908	965
47	Other.....	do.	181	183	185	199	212	221	221	237
48	Net cash farm income.....	do.	11,359	10,242	14,686	18,172	27,336	11,501	24,042	12,663
49	Perquisites for cropper and hired labor.....	do.	2,046	2,219	2,415	2,630	2,809	2,236	1,798	2,057
50	Total value of perquisites.....	do.	2,694	2,967	3,144	3,543	3,714	3,066	2,625	3,002
	Change in inventory:									
51	Crops and livestock.....	do.	-484	-1,067	-425	-650	-536	-43	374	611
52	Machinery and buildings.....	do.	-2	350	544	633	1,558	777	1,447	2,075
53	Net farm income.....	do.	11,521	10,273	15,534	19,068	29,263	13,065	26,690	16,294
54	Charge for capital.....	do.	3,950	4,415	4,712	5,434	6,037	5,595	6,144	7,462
55	Return to operator and family labor.....	do.	7,571	5,858	10,622	13,634	23,226	7,470	20,546	6,832
56	Purchasing power in 1937-41 dollars.....	do.	5,370	3,985	6,639	7,138	11,498	3,811	10,377	4,089
57	Return per hour in current dollars.....	do.	2.37	1.83	3.36	4.26	7.26	2.33	6.42	2.76
	Index numbers (1947-49 = 100):									
58	Gross farm income.....	Percent	65	62	77	91	123	86	107	96
59	Net farm income.....	do.	56	50	76	93	143	64	130	80
60	Net farm production.....	do.	87	79	70	83	123	94	90	83
61	Crop yields per acre.....	do.	105	95	86	91	120	89	106	88
62	Production per hour of man labor.....	do.	96	89	84	91	117	92	117	95
63	Production per unit of input.....	do.	94	91	86	91	113	96	100	88
64	Operating expense per unit of production.....	do.	76	82	108	106	93	101	105	125
65	Total cost per unit of production.....	do.	77	84	110	106	92	102	107	127
66	Power and machinery, January 1.....	do.	84	86	91	93	98	109	115	124
67	Prices received for products sold.....	do.	72	76	109	108	101	91	118	116
68	Prices paid, incl. wages to hired labor.....	do.	74	76	95	99	103	98	109	112

<sup>1</sup>Data not available prior to 1944. <sup>2</sup>Includes cropper labor.

TABLE 20.--Wheat-small grain-livestock farms, northern Great Plains:

	ITEM	UNIT	1930	1931	1932	1933	1934	1935	1936	1937
1	Land in farm.....	Acres	501	493	486	478	470	464	467	477
2	Cropland harvested.....	do.	315	245	308	295	156	281	172	267
3	Fallow and idle.....	do.	48	48	34	35	98	78	83	110
4	Failure.....	do.	12	61	12	21	131	55	171	42
5	Pasture and other land.....	do.	126	139	132	127	85	50	41	58
	Crops harvested:									
6	Wheat.....	do.	151.8	95.6	160.6	154.2	64.7	122.5	80.9	139.9
7	Other small grains.....	do.	95.0	58.5	80.6	65.4	20.4	87.6	26.9	67.7
8	Flaxseed.....	do.	25.0	17.5	10.8	5.9	3.3	15.5	3.4	5.4
9	Hay.....	do.	33.4	61.7	40.0	51.8	49.3	39.8	50.4	43.2
	Crop yields per harvested acre:									
10	Wheat.....	Bushels	11.2	6.6	8.8	7.1	5.1	6.4	5.0	6.8
11	Flaxseed.....	do.	4.5	3.5	4.5	3.2	1.9	5.9	2.7	3.2
12	Hay.....	Tons	.9	.7	.9	.7	.4	1.1	.7	.9
	Livestock on farm, January 1:									
13	All cattle.....	Number	14.5	15.8	17.5	19.5	20.9	14.3	14.6	15.0
14	Milk cows.....	do.	6.9	7.3	8.1	8.5	8.9	7.8	7.7	7.0
15	Beef cows.....	do.	.9	1.1	1.3	1.6	2.0	1.2	1.1	1.0
16	Chickens.....	do.	76	73	69	66	64	49	53	50
17	Horses and mules.....	do.	8.3	8.1	7.6	6.9	6.7	6.6	6.6	6.1
18	Pigs raised.....	do.	10.4	10.1	10.4	9.5	7.2	6.3	5.7	3.3
19	Tractors on farm.....	do.	.53	.56	.58	.58	.57	.59	.62	.67
	Total labor used.....	Hours	4,040	3,890	4,200	4,140	3,800	3,890	3,420	3,540
20	Operator and family.....	do.	2,700	2,650	3,050	3,050	2,810	2,880	2,530	2,610
21	Hired.....	do.	1,340	1,240	1,150	1,090	990	1,010	890	930
22										
23	Total farm capital, January 1.....	Dollars	18,060	15,640	13,060	11,580	11,500	11,280	11,990	12,160
24	Land and buildings.....	do.	13,730	12,150	10,290	9,150	8,930	8,820	8,870	9,060
25	Machinery and equipment.....	do.	1,680	1,680	1,510	1,350	1,280	1,270	1,300	1,440
26	Livestock.....	do.	1,370	1,070	790	690	700	650	1,100	980
27	Crops for sale, feed and seed.....	do.	1,280	740	470	390	590	540	720	680
28	Total cash receipts.....	do.	1,938	870	650	1,045	1,076	1,057	979	1,449
29	Wheat.....	do.	1,037	339	268	649	295	325	289	671
30	Other crops.....	do.	310	119	80	94	17	159	103	98
31	Livestock.....	do.	278	172	134	147	265	188	202	179
32	Butterfat.....	do.	245	190	134	126	124	167	203	213
33	Poultry and eggs.....	do.	68	50	34	29	37	48	46	43
34	Other, including Government payments.....	do.	---	---	---	---	338	170	136	245
35	Total cash expenditures.....	do.	1,776	1,095	1,077	866	887	1,439	1,042	1,547
36	Feed purchased.....	do.	73	41	67	24	99	310	14	190
37	Livestock expense.....	do.	24	19	21	17	15	19	27	22
38	Crop expense.....	do.	124	55	72	29	15	75	32	70
39	Machinery.....	do.	863	496	519	450	412	654	612	844
40	Farm buildings and fences.....	do.	48	19	9	18	20	27	26	42
41	Labor hired.....	do.	378	241	176	156	156	196	178	218
42	Taxes.....	do.	259	218	187	167	163	154	149	156
43	Other.....	do.	7	6	6	5	5	4	4	5
44	Net cash farm income.....	do.	162	-225	-427	179	189	-382	-63	-98
45	Value of perquisites.....	do.	296	269	225	221	225	276	275	291
	Change in inventory:									
46	Crops and livestock.....	do.	45	-127	113	-215	-770	453	-791	131
47	Machinery and buildings.....	do.	-32	-166	-192	-153	-100	-32	36	109
48	Net farm income.....	do.	471	-249	-281	32	-456	315	-543	433
49	Charge for capital.....	do.	1,170	997	834	724	677	610	604	597
50	Return to operator and family labor.....	do.	-699	-1,246	-1,115	-692	-1,133	-295	-1,147	-164
51	Purchasing power in 1937-41 dollars.....	do.	-603	-1,246	-1,312	-795	-1,156	-295	-1,147	-159
52	Return per hour in current dollars.....	do.	-.26	-.47	-.37	-.23	-.40	-.10	-.45	-.06
	Index numbers (1947-49=100):									
53	Gross farm income.....	Percent	21	9	9	10	5	17	4	17
54	Net farm income.....	do.	7	-4	-4	1	-7	5	-9	7
55	Net farm production.....	do.	65	34	52	40	12	45	13	35
56	Crop yields per acre.....	do.	82	35	65	49	17	55	19	47
57	Production per hour of man labor.....	do.	53	29	41	32	10	38	12	33
58	Production per unit of input.....	do.	76	45	64	50	20	60	19	50
59	Operating expense per unit of production.....	do.	60	77	49	54	147	65	166	81
60	Total cost per unit of production.....	do.	68	94	55	64	174	64	192	82
61	Power and machinery, January 1.....	do.	54	55	51	47	44	42	42	45
62	Prices received for products sold.....	do.	32	24	17	24	25	33	38	42
63	Prices paid, incl. wages to hired labor.....	do.	50	41	36	34	38	45	44	50

Organization, production, costs and returns, 1930-51

1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	
489	496	506	516	532	548	565	582	595	608	621	634	647	667	1
279	248	281	278	293	348	365	398	373	400	403	403	384	429	2
104	114	92	90	93	69	64	72	93	75	90	94	116	102	3
21	19	14	6	7	10	9	5	3	3	4	17	2	4	4
81	115	119	142	139	121	127	117	124	130	124	120	145	132	5
145.9	122.0	143.0	144.0	133.0	164.4	194.3	203.6	215.2	217.8	204.7	229.3	184.8	224.0	6
69.4	72.4	76.5	73.0	90.7	102.8	105.3	99.6	92.8	93.3	103.2	65.1	87.9	92.4	7
37.6	4.4	8.7	8.3	19.0	30.0	13.3	28.0	10.9	31.0	32.0	44.0	42.0	44.5	8
47.8	38.0	42.7	43.1	41.0	41.2	43.0	46.2	42.5	47.4	50.8	52.0	54.3	54.4	9
8.4	11.2	12.9	17.2	18.5	18.1	15.2	15.9	13.2	14.0	13.5	10.6	13.7	14.6	10
5.3	3.8	6.1	4.9	6.9	7.1	7.6	8.3	6.2	6.8	9.0	6.3	8.5	7.3	11
.9	.8	.9	1.1	1.2	1.1	1.0	1.1	1.0	1.1	1.0	1.0	1.0	1.0	12
15.4	15.3	16.1	17.5	19.5	20.7	22.5	21.6	20.0	18.9	17.9	16.9	17.0	17.0	13
6.8	6.7	6.9	7.6	8.0	8.2	8.5	8.1	7.5	6.9	6.3	5.9	6.0	5.9	14
1.2	1.2	1.5	1.6	2.2	2.2	2.7	3.1	3.2	3.2	3.3	3.1	3.3	3.7	15
53	62	73	83	102	104	91	79	68	67	64	62	62	62	16
5.7	5.4	5.3	5.0	4.9	4.7	4.4	4.0	3.2	2.5	2.2	2.0	1.8	1.7	17
4.7	7.9	9.6	10.2	17.1	22.7	14.6	8.5	8.7	6.6	6.7	8.4	8.9	9.6	18
.73	.77	.81	.89	1.03	1.16	1.24	1.37	1.42	1.48	1.56	1.67	1.77	1.87	19
3,456	3,290	3,340	3,380	3,560	3,760	3,720	3,660	3,490	3,380	3,270	3,200	3,150	3,230	20
2,500	2,290	2,300	2,290	2,460	2,730	2,710	2,740	2,560	2,360	2,250	2,390	2,380	2,550	21
950	990	1,040	1,090	1,100	1,030	1,010	920	930	1,020	1,020	810	770	680	22
12,300	11,490	10,830	11,280	13,530	15,400	19,180	19,970	22,560	25,540	33,580	34,140	33,240	38,360	23
9,080	8,200	7,230	7,380	7,710	8,170	10,170	10,920	12,690	14,370	17,560	19,230	18,930	21,200	24
1,630	1,720	1,670	1,630	2,200	2,460	2,570	3,020	3,370	4,180	5,400	6,700	7,220	7,900	25
980	970	1,040	1,110	1,490	2,110	2,100	1,870	1,870	2,260	2,700	2,860	2,610	3,370	26
610	600	890	960	2,130	2,660	4,340	4,160	4,630	4,730	7,920	5,350	4,480	5,890	27
1,209	1,590	2,022	2,795	4,261	6,647	7,140	8,162	9,551	11,015	11,526	8,253	8,221	10,128	28
489	252	1,014	1,364	2,115	3,114	3,739	4,511	5,191	5,923	5,738	4,494	4,111	5,323	29
98	89	104	261	509	1,489	1,482	1,922	2,273	2,828	3,418	1,817	2,077	2,813	30
243	251	290	436	736	954	1,019	915	1,095	1,335	1,422	1,094	1,296	1,273	31
193	193	231	326	391	482	469	445	568	615	627	484	498	582	32
51	45	51	107	250	302	234	228	174	225	224	220	165	253	33
155	360	332	301	260	306	197	141	250	89	93	44	74	84	34
1,421	1,419	1,641	2,044	2,448	2,844	3,181	3,478	3,695	4,816	5,497	4,999	5,117	5,688	35
56	18	26	19	34	32	32	26	23	43	47	42	35	52	36
15	22	32	31	46	63	53	35	49	60	66	61	63	77	37
74	44	64	65	92	99	100	100	72	136	206	187	150	207	38
851	878	1,027	1,328	1,511	1,701	1,983	2,224	2,429	3,104	3,567	3,189	3,370	4,014	39
36	54	60	70	75	90	90	110	170	227	280	330	360	380	40
225	231	262	368	532	672	733	739	743	920	969	715	666	654	41
159	167	165	156	151	178	180	233	197	312	342	448	444	470	42
5	5	5	7	7	9	10	11	12	14	20	27	29	34	43
-212	171	381	751	1,813	3,803	3,959	4,684	5,856	6,199	6,029	3,254	3,104	4,240	44
264	243	247	309	371	464	427	466	507	578	617	560	555	624	45
161	91	259	890	553	390	-310	-49	-1,431	956	-266	-838	1,231	1,586	46
15	25	117	214	167	78	240	262	450	674	770	435	435	685	47
228	530	1,004	2,164	2,904	4,735	4,316	5,363	5,382	8,407	7,150	3,411	5,325	7,135	48
580	542	512	518	635	740	893	921	1,052	1,187	1,620	1,696	1,692	2,001	49
-352	-12	492	1,646	2,269	3,995	3,423	4,442	4,330	7,220	5,530	1,715	3,633	5,134	50
-359	-12	507	1,568	1,891	2,981	2,428	3,022	2,656	3,780	2,738	875	1,835	2,377	51
-14	-01	.21	.72	.92	1.46	1.26	1.62	1.69	3.06	2.46	.72	1.53	2.01	52
15	18	23	37	48	69	67	79	80	116	110	74	93	114	53
4	8	16	34	46	75	68	85	85	133	113	54	84	113	54
49	50	68	89	103	118	108	124	97	110	109	82	109	123	55
67	78	92	122	136	132	116	126	100	109	109	82	115	113	56
47	50	67	86	95	103	95	111	91	107	109	84	113	125	57
67	67	87	108	114	120	109	123	99	109	108	83	109	116	58
61	61	49	45	49	60	57	74	74	83	95	122	94	93	59
61	60	46	42	48	55	66	63	79	82	94	124	94	95	60
49	53	52	55	62	69	67	75	79	88	100	172	120	122	61
28	28	31	38	46	58	62	66	83	108	105	87	87	93	62
48	48	48	53	60	68	73	77	79	91	102	107	106	114	63



TABLE 21.--Wheat-corn-livestock farms, northern Great Plains:

	ITEM	UNIT	1930	1931	1932	1933	1934	1935	1936	1937
1	Land in farm.....	Acres	405	407	409	411	413	415	415	418
2	Cropland harvested.....	do.	278	250	251	151	83	232	114	219
3	Fallow.....	do.	12	25	28	38	40	44	45	39
4	Failure.....	do.	8	26	14	115	182	29	146	47
	Crops harvested:									
5	Wheat.....	do.	67.1	54.3	64.7	26.5	2.3	52.2	19.9	57.3
6	Other small grains.....	do.	93.6	75.5	82.2	26.6	4.0	85.0	18.5	56.8
7	Corn.....	do.	58.2	59.6	53.1	53.6	38.1	38.7	23.0	32.1
8	Flaxseed.....	do.	9.3	8.0	4.3	2.5	1.2	7.2	1.4	3.4
9	Hay.....	do.	52.0	52.6	56.5	41.9	37.6	51.2	50.9	69.3
	Crop yields per harvested acre:									
10	Wheat.....	Bushels	12.3	8.5	11.4	2.9	3.5	7.9	3.0	5.1
11	Corn.....	do.	16.3	11.5	14.3	7.9	3.8	14.2	6.0	15.2
12	Flaxseed.....	do.	6.1	3.3	4.8	2.6	2.2	5.2	2.1	4.4
13	Hay.....	Tons	.7	.7	.8	.5	.3	.9	.5	.9
	Livestock on farm, January 1:									
14	All cattle.....	Number	20.1	20.4	22.0	24.3	22.7	15.7	17.4	16.0
15	Milk cows.....	do.	8.3	8.4	9.0	9.5	9.6	7.9	7.5	7.0
16	Beef cows.....	do.	1.7	1.8	1.9	2.0	1.8	1.3	1.5	1.3
17	Chickens.....	do.	131	121	107	106	80	60	66	65
18	All sheep.....	do.	11	13	15	15	14	12	14	15
19	Pigs raised.....	do.	48	54	43	44	23	15	26	16
20	Tractors on farm.....	do.	.46	.49	.52	.55	.58	.62	.65	.68
21	Total labor used.....	Hours	4,720	4,510	4,530	4,090	3,430	3,740	3,190	3,450
22	Operator and family.....	do.	3,770	3,710	3,850	3,490	2,980	3,240	2,870	3,040
23	Hired.....	do.	950	800	680	600	450	500	320	410
24	Total farm capital, January 1.....	Dollars	17,790	15,750	13,120	11,780	11,930	11,740	12,950	12,410
25	Land and buildings.....	do.	13,420	12,070	10,410	9,460	9,600	9,700	9,640	9,770
26	Machinery and equipment.....	do.	1,180	1,200	1,130	1,050	1,030	1,040	1,040	1,100
27	Livestock.....	do.	2,120	1,620	1,010	890	840	780	1,430	1,210
28	Crops for sale, feed and seed.....	do.	1,070	860	570	380	260	220	640	330
29	Total cash receipts.....	do.	2,423	1,446	896	839	949	1,159	1,256	1,423
30	Wheat.....	do.	426	197	147	143	---	178	81	161
31	Flaxseed.....	do.	76	33	17	6	---	37	13	22
32	Other crops.....	do.	313	113	114	24	---	182	41	114
33	Livestock.....	do.	1,066	720	377	405	457	235	661	588
34	Butterfat.....	do.	321	237	160	171	159	184	226	207
35	Poultry and eggs.....	do.	221	146	81	76	56	75	72	76
36	Other, including Government payments.....	do.	---	---	---	13	277	268	162	255
37	Total cash expenditures.....	do.	1,741	1,198	1,052	775	1,075	1,530	900	1,568
38	Feed.....	do.	273	163	163	92	376	617	108	580
39	Livestock expense.....	do.	73	59	46	44	43	40	49	46
40	Crop expense.....	do.	87	46	50	8	17	68	22	56
41	Machinery purchased.....	do.	228	141	95	97	114	142	162	196
42	Other machinery expense.....	do.	396	306	334	256	260	361	286	360
43	Farm buildings and fences.....	do.	70	35	14	17	19	35	36	47
44	Labor hired.....	do.	234	140	87	62	50	75	49	75
45	Taxes.....	do.	364	297	254	190	188	185	181	200
46	Other.....	do.	16	11	9	9	8	7	7	8
47	Net cash farm income.....	do.	682	248	-156	64	-126	-371	356	-145
48	Value of perquisites.....	do.	413	309	245	249	271	312	324	324
49	Change in inventory:									
50	Crops and livestock.....	do.	186	-264	108	-641	-599	674	-1,196	359
	Machinery and buildings.....	do.	-27	-107	-138	-123	-108	-68	-42	-21
51	Net farm income.....	do.	1,254	186	59	-451	-562	547	-558	517
52	Charge for capital.....	do.	1,155	1,008	836	735	696	630	650	602
53	Return to operator and family labor.....	do.	99	-822	-777	-1,186	-1,258	-83	-1,208	-85
54	Purchasing power in 1937-41 dollars.....	do.	85	-822	-914	-1,363	-1,284	-83	-1,208	-83
55	Returns per hour in current dollars.....	do.	.03	-.22	-.20	-.34	-.42	-.03	-.42	-.03
	Index numbers (1947-49=100):									
56	Gross farm income.....	Percent	32	16	13	5	6	22	4	22
57	Net farm income.....	do.	21	3	1	-8	9	9	-9	9
58	Net farm production.....	do.	86	57	75	23	22	63	14	49
59	Crop yields per acre.....	do.	89	54	78	15	5	67	10	45
60	Production per hour of man labor.....	do.	71	49	65	22	24	66	17	56
61	Production per unit of input.....	do.	95	67	88	32	34	86	24	71
62	Operating expense per unit of production.....	do.	60	70	49	117	151	76	189	89
63	Total cost per unit of production.....	do.	61	72	47	115	129	61	181	75
64	Power and machinery, January 1.....	do.	48	49	47	45	42	42	41	41
65	Prices received for products sold.....	do.	38	25	17	20	21	34	38	42
66	Prices paid, incl. wages to hired labor.....	do.	66	54	52	44	62	79	55	84

Organization, production, costs and returns, 1930-51

1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	
422	427	432	436	439	442	445	448	452	456	460	464	468	470	1
230	247	264	260	271	268	279	280	294	300	309	309	303	307	2
50	29	31	44	42	44	36	49	32	37	29	23	34	24	3
26	31	19	18	14	22	24	10	10	8	8	15	13	21	4
66.3	60.6	72.1	70.4	60.1	67.7	73.5	74.1	81.3	79.3	81.3	88.4	72.4	85.5	5
62.1	79.6	82.9	83.1	103.2	92.5	97.9	102.2	105.4	103.1	109.9	88.6	99.6	87.5	6
34.2	41.4	43.7	39.1	41.4	40.7	52.2	51.5	50.4	46.1	46.1	51.5	49.3	50.3	7
2.5	6.7	11.0	9.0	13.9	13.3	6.7	12.1	9.5	18.2	22.1	26.3	20.5	25.4	8
64.9	58.4	53.9	57.9	52.3	53.4	49.1	39.8	47.0	48.3	49.6	54.2	61.0	58.3	9
10.2	10.5	11.1	35.1	18.7	11.1	13.5	16.6	12.9	14.4	12.8	9.1	11.6	16.5	10
13.6	21.4	19.7	19.0	26.9	23.6	28.9	24.3	25.6	18.8	32.4	19.5	24.0	22.5	11
7.7	8.4	6.2	9.6	9.2	7.3	7.7	9.6	9.1	9.2	10.0	7.1	8.8	8.9	12
.9	.9	1.0	1.0	1.3	1.2	1.1	1.1	1.0	1.0	.9	.8	.8	1.0	13
16.8	17.2	19.1	20.8	22.9	26.0	28.4	30.7	29.6	27.9	27.1	27.1	27.5	31.4	14
7.0	7.0	7.5	7.7	7.9	8.2	8.6	8.4	7.5	7.0	6.4	6.2	6.2	6.2	15
1.4	1.6	2.0	2.3	2.9	3.6	4.1	5.2	5.7	5.6	5.6	5.5	7.1	8.4	16
58	75	91	92	113	133	141	123	125	116	111	104	113	107	17
14	14	16	18	20	19	16	15	12	11	9	8	8	6	18
21	28	28	32	40	54	33	42	35	35	32	33	34	38	19
.71	.73	.77	.87	.96	1.05	1.15	1.25	1.30	1.35	1.41	1.46	1.57	1.68	20
3 550	3 750	3 940	4 030	4 240	4 420	4 430	4 430	4 280	4 080	3 870	3 760	3 760	3 750	21
2 890	3 200	3 320	3 330	3 508	3 710	3 730	3 780	3 410	3 340	3 130	3 170	3 190	3 340	22
660	550	620	700	740	710	700	650	870	740	740	590	570	510	23
12 350	11 540	11 500	11 730	13 790	16 300	18 710	20 220	22 410	25 600	32 300	33 830	32 470	37 910	24
9 420	8 490	7 840	7 910	8 420	8 940	10 870	11 880	13 080	14 630	17 650	19 100	18 610	20 490	25
1 170	1 200	1 210	1 370	1 670	1 980	2 160	2 460	2 740	3 400	4 470	5 630	6 460	7 020	26
1 200	1 260	1 370	1 480	1 990	2 930	3 080	2 910	3 060	3 890	4 470	4 820	4 280	6 430	27
560	590	1 080	970	1 710	2 450	2 680	2 970	3 530	3 680	5 790	4 280	3 120	3 970	28
1 402	1 724	2 097	2 725	4 207	6 076	5 329	7 003	8 508	10 345	9 893	7 085	6 297	8 941	29
202	288	435	587	871	1 188	1 090	1 550	1 936	2 254	2 047	1 554	1 351	1 963	30
19	55	81	110	221	305	168	264	322	781	1 246	547	593	683	31
86	177	347	320	644	1 152	1 243	1 741	2 272	2 492	2 322	1 582	1 015	1 914	32
591	530	549	1 017	1 500	2 219	1 777	2 411	2 862	3 785	3 301	2 506	2 471	3 272	33
193	183	210	272	322	388	376	362	448	458	482	381	388	424	34
67	86	99	164	332	488	469	474	485	504	426	464	406	515	35
244	405	376	255	317	336	206	201	189	69	69	51	73	70	36
1 240	1 275	1 423	1 648	2 063	2 136	2 342	2 625	3 082	3 958	4 587	4 464	4 234	5 191	37
136	127	72	90	133	163	137	150	151	212	193	208	194	231	38
53	59	62	80	115	144	130	145	147	168	172	172	184	231	39
70	51	59	66	95	77	116	131	116	188	252	230	232	298	40
188	238	370	429	542	481	576	651	753	1 137	1 486	1 559	1 226	1 810	41
412	436	458	523	612	617	689	748	778	957	1 109	1 093	1 207	1 337	42
48	64	84	90	97	109	85	133	315	424	435	326	321	396	43
121	101	118	173	277	345	396	410	569	542	566	432	409	406	44
204	191	192	187	181	188	199	242	236	306	342	403	419	436	45
8	8	8	10	11	12	14	15	17	24	32	41	42	46	46
162	449	674	1 077	2 144	3 940	2 987	4 378	5 426	6 387	5 306	2 621	2 063	3 750	47
304	295	292	354	441	503	505	542	571	690	698	598	558	684	48
215	393	79	512	1 007	-1 050	456	64	-1 020	-144	485	-1 018	1 225	1 986	49
-28	21	144	172	226	138	165	232	457	741	873	679	301	756	50
653	1 158	1 189	2 115	3 818	3 531	4 113	5 216	5 434	7 674	7 362	2 880	4 147	7 176	51
578	540	541	534	638	777	859	925	1 042	1 189	1 554	1 679	1 651	1 984	52
75	618	648	1 581	3 180	2 754	3 254	4 291	4 392	6 485	5 808	1 201	2 496	5 192	53
77	637	668	1 506	2 650	2 055	2 308	2 919	2 694	3 395	2 875	613	1 261	2 404	54
.03	.19	.20	.47	.91	.74	.87	1.14	1.29	1.94	1.86	.38	.78	1.60	55
20	25	26	38	50	58	66	80	84	114	116	70	85	121	56
11	19	20	35	64	59	69	87	91	129	123	48	69	120	57
57	69	71	85	114	89	99	116	102	105	113	82	93	122	58
74	89	82	108	133	94	105	125	104	108	117	75	93	117	59
63	72	70	83	105	79	88	102	93	100	115	85	97	126	60
79	89	86	99	122	93	102	115	102	105	113	82	92	115	61
61	50	50	48	44	61	61	57	72	84	90	126	115	100	62
55	45	46	44	44	68	69	65	76	86	89	125	111	98	63
42	45	45	49	56	65	66	74	79	87	100	113	129	130	64
32	30	31	41	50	63	65	67	84	111	106	83	86	98	65
57	55	53	56	62	67	71	77	77	91	102	107	108	116	66

TABLE 22.--Wheat-roughage-livestock farms, northern Great Plains:

	ITEM	UNIT	1930	1931	1932	1933	1934	1935	1936	1937
1	Land in farm.....	Acres	578	576	574	565	557	550	545	543
2	Cropland harvested.....	do.	348	261	325	235	41	267	46	135
3	Fallow and idle.....	do.	42	55	32	50	135	128	135	140
4	Failure.....	do.	19	107	52	117	214	72	286	135
5	Pasture and other land.....	do.	162	153	165	163	167	83	78	133
Crops harvested:										
6	Wheat.....	do.	184.9	137.3	169.8	146.7	14.6	136.7	17.3	63.5
7	Other small grains.....	do.	72.3	43.9	70.3	30.2	1.8	59.2	2.6	22.2
8	Flaxseed.....	do.	24.2	8.2	12.6	6.9	.2	15.9	.9	1.2
9	Hay.....	do.	47.5	51.6	51.5	35.1	15.7	40.9	22.5	41.3
Crop yields per harvested acre:										
10	Wheat.....	Bushels	9.5	7.0	10.8	5.3	2.5	5.6	2.4	2.9
11	Flaxseed.....	do.	4.1	3.2	3.6	2.4	1.6	4.7	1.5	1.4
12	Hay.....	Tons	.7	.6	.9	.6	.4	.9	.4	.7
Livestock on farm, January 1:										
13	All cattle.....	Number	14.9	15.0	15.1	16.3	16.3	10.9	11.8	10.3
14	Milk cows.....	do.	6.0	5.8	6.0	6.0	5.8	4.6	4.7	4.5
15	Beef cows.....	do.	1.2	1.4	1.5	1.8	2.2	1.6	1.6	1.2
16	Chickens.....	do.	76	71	65	67	64	48	50	46
17	Horses and mules.....	do.	8.9	8.4	7.5	6.9	6.5	6.0	5.6	5.2
18	Pigs raised.....	do.	11.0	13.0	11.6	9.4	7.2	5.6	7.7	6.4
19	Tractors on farm.....	do.	.64	.65	.65	.65	.65	.66	.67	.68
20	Total labor used.....	Hours	3,800	3,500	3,760	3,170	2,690	2,860	2,440	2,330
21	Operator and family.....	do.	2,910	2,740	3,110	2,600	2,240	2,400	2,110	1,970
22	Hired.....	do.	890	760	650	570	450	460	330	360
23	Total farm capital, January 1.....	Dollars	16,110	13,940	11,370	9,840	9,460	8,970	9,700	9,180
24	Land and buildings.....	do.	11,930	10,630	8,820	7,570	7,460	7,370	7,300	7,280
25	Machinery and equipment.....	do.	1,540	1,490	1,330	1,130	1,000	940	900	940
26	Livestock.....	do.	1,420	1,050	730	630	620	540	880	760
27	Crops for sale, feed and seed.....	do.	1,220	770	490	510	380	120	620	200
28	Total cash receipts.....	do.	1,809	913	698	1,016	899	744	842	699
29	Wheat.....	do.	1,015	415	389	659	139	175	122	0
30	Other crops.....	do.	185	82	53	103	8	78	110	0
31	Livestock.....	do.	357	246	151	153	234	130	275	247
32	Butterfat.....	do.	162	108	65	61	49	54	76	85
33	Poultry and eggs.....	do.	90	62	40	40	47	60	56	58
34	Other, incl. Government payments.....	do.	---	---	---	---	422	247	203	309
35	Total cash expenditures.....	do.	1,726	1,170	1,132	822	947	1,600	899	1,412
36	Feed purchased.....	do.	137	111	85	27	227	397	66	328
37	Livestock expense.....	do.	21	18	15	13	15	16	10	11
38	Crop expense.....	do.	180	100	108	64	62	321	77	285
39	Machinery purchased.....	do.	230	146	94	102	137	157	188	203
40	Other machinery expense.....	do.	594	407	529	375	268	455	305	324
41	Farm buildings and fences.....	do.	49	21	11	19	18	21	24	22
42	Labor hired.....	do.	251	148	100	82	73	90	66	84
43	Taxes.....	do.	258	213	185	134	142	139	141	151
44	Other.....	do.	6	6	5	6	5	4	5	4
45	Net cash farm income.....	do.	83	-257	-434	194	-48	-056	-48	-713
46	Value of perquisites.....	do.	310	242	200	180	187	233	235	233
Change in inventory:										
47	Crops and livestock.....	do.	25	-268	208	-702	-752	558	-1,057	51
48	Machinery and buildings.....	do.	-92	-177	-191	-138	-91	-63	-28	-21
49	Net farm income.....	do.	326	-460	-217	-466	-704	-128	-898	-450
50	Charge for capital.....	do.	1,014	871	711	611	548	483	495	445
51	Return to operator and family labor.....	do.	-688	-1,331	-928	-1,077	-1,252	-611	-1,393	-895
52	Purchasing power in 1937-41 dollars.....	do.	-593	-1,331	-1,092	-1,238	-1,278	-611	-1,393	-869
53	Return per hour in current dollars.....	do.	-.24	-.49	-.30	-.41	-.56	-.25	-.66	-.45
Index numbers (1947-49 = 100):										
54	Gross farm income.....	Percent	24	10	12	5	4	17	1/	11
55	Net farm income.....	do.	6	-9	-4	-9	-13	-2	-17	-8
56	Net farm production.....	do.	69	33	73	22	-1	36	-2	7
57	Crop yields per acre.....	do.	78	40	79	34	8	61	11	24
58	Production per hour of man labor.....	do.	58	30	61	22	-1	40	-3	10
59	Production per unit of input.....	do.	76	44	82	32	11	58	5	28
60	Operating expense per unit of production.....	do.	68	94	46	103	340	94	843	201
61	Total cost per unit of production.....	do.	67	94	43	102	312	73	826	161
62	Power and machinery, January 1.....	do.	68	67	62	55	47	44	41	41
63	Prices received for products sold.....	do.	33	23	17	24	23	33	36	40
64	Prices paid, incl. wages to hired labor.....	do.	52	42	40	38	41	52	46	54

Less than 0.5 percent.

Organization, production, costs and returns, 1930-51

1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	
549	558	572	587	503	620	636	648	661	674	687	700	713	726	1
205	207	237	257	268	302	317	337	332	359	364	382	371	391	2
116	125	104	91	66	45	40	42	50	45	50	52	64	64	3
68	34	22	14	10	17	9	11	12	7	10	14	12	10	4
159	192	209	225	259	256	270	258	267	263	263	252	266	261	5
117.7	112.8	136.9	142.3	131.4	152.2	173.2	181.3	186.3	190.4	183.7	203.7	167.3	202.7	6
31.9	39.3	45.1	50.5	68.4	63.4	66.5	67.0	69.7	73.0	75.4	55.7	70.7	69.4	7
2.9	2.6	6.8	9.5	18.6	30.4	12.9	21.0	9.7	17.7	17.6	20.3	18.1	18.7	8
43.1	43.0	38.0	45.8	39.4	45.1	50.9	53.9	53.4	64.5	75.8	89.6	100.3	85.9	9
5.2	7.9	9.7	16.1	18.8	17.0	16.2	14.1	12.7	12.8	12.3	9.1	12.4	12.2	10
2.1	2.4	4.6	6.1	7.6	7.9	8.3	7.4	6.5	7.8	8.9	5.8	7.1	8.0	11
.8	.9	.9	.9	1.1	1.0	.9	.9	.8	.9	.8	.7	.7	.8	12
9.9	10.9	12.8	14.6	17.6	20.2	24.0	26.9	27.1	27.5	28.7	29.6	29.4	28.8	13
4.6	4.8	5.4	5.9	6.7	7.5	7.8	8.0	7.4	7.8	7.4	7.3	7.4	7.4	14
1.9	1.1	1.3	1.6	2.3	3.0	4.3	5.7	6.2	6.3	6.5	7.1	7.2	7.3	15
42	47	54	57	67	85	91	82	77	66	66	62	64	61	16
4.9	4.8	4.7	4.7	4.7	4.6	4.6	4.6	4.2	3.8	3.6	3.5	3.5	3.2	17
5.1	8.0	8.8	8.6	13.9	19.2	14.0	14.0	15.2	14.3	13.0	14.3	12.4	13.9	18
.69	.71	.73	.78	.87	.96	1.02	1.10	1.18	1.22	1.32	1.45	1.56	1.64	19
2,380	2,410	2,640	2,970	3,290	3,440	3,390	3,360	3,140	3,280	3,110	3,190	3,130	3,170	20
2,010	2,020	2,170	2,430	2,690	2,840	2,770	2,850	2,620	2,750	2,620	2,760	2,820	2,920	21
370	390	470	540	600	600	620	530	520	530	490	360	310	250	22
8,920	8,280	8,320	8,740	10,990	13,410	16,550	18,150	19,690	22,770	29,520	30,590	30,210	35,360	23
6,980	6,130	5,780	5,930	6,360	7,080	8,940	9,820	11,030	12,440	15,090	16,600	16,600	18,610	24
1,000	1,060	1,080	1,210	1,470	1,760	1,950	2,360	2,730	3,220	3,980	4,880	5,650	6,260	25
720	750	840	940	1,310	1,950	2,150	2,210	2,670	3,160	4,130	4,680	4,190	5,400	26
220	340	620	660	1,850	2,620	3,510	3,760	3,560	3,950	6,320	4,430	3,770	4,890	27
593	1,070	1,491	2,086	3,616	5,721	5,733	6,668	7,583	9,013	9,193	6,982	6,725	8,370	28
112	335	665	1,104	2,006	2,924	3,347	3,913	4,124	4,768	4,623	3,526	3,135	4,111	29
11	39	55	132	401	1,207	897	925	1,046	1,421	1,558	637	623	1,103	30
150	164	226	263	538	712	798	1,106	1,461	1,928	2,065	2,039	2,185	2,181	31
64	88	125	184	238	334	332	351	451	571	609	505	519	617	32
50	44	51	77	163	226	268	269	260	236	244	230	187	257	33
186	400	369	326	270	318	181	119	241	89	94	46	76	101	34
1,058	1,075	1,332	1,651	2,105	2,236	2,667	2,873	3,217	4,194	4,508	4,398	4,521	5,277	35
98	70	86	57	58	67	87	108	122	172	141	135	131	161	36
16	17	19	32	50	56	69	57	68	81	88	94	88	104	37
63	52	75	98	137	158	175	180	190	300	333	316	292	388	38
223	243	348	473	565	439	686	782	922	1,277	1,435	1,543	1,652	2,060	39
389	400	463	579	766	846	919	971	992	1,220	1,305	1,260	1,339	1,515	40
19	40	57	67	82	104	93	123	277	327	398	317	322	356	41
88	92	118	184	290	393	451	422	415	457	477	463	322	270	42
157	155	160	154	149	165	178	221	220	296	328	390	400	424	43
5	6	6	7	8	8	9	9	11	14	17	21	23	29	44
-465	-5	159	435	1,511	3,485	3,066	3,795	4,366	4,819	4,685	2,594	2,204	3,093	45
210	199	205	265	328	418	399	439	488	548	586	527	495	564	46
221	260	198	1,107	881	-163	387	-524	-776	808	78	-769	865	958	47
-6	14	116	206	254	116	278	316	520	800	799	637	611	876	48
-40	458	678	2,013	2,974	3,856	4,130	4,026	4,598	6,975	6,148	2,989	4,175	5,491	49
414	386	391	397	513	644	768	836	907	1,049	1,413	1,494	1,514	1,819	50
-454	82	287	1,616	2,461	3,212	3,362	3,190	3,691	5,926	4,735	1,495	2,661	3,672	51
-463	85	296	1,539	2,051	2,397	2,384	2,170	2,264	3,103	2,344	763	1,344	1,700	52
-23	.04	.13	.67	.91	1.13	1.21	1.13	1.41	2.15	1.81	.54	.94	1.26	53
11	17	21	38	54	66	73	73	81	115	110	75	90	110	54
-1	9	13	37	55	72	77	75	86	130	114	56	78	102	55
29	40	53	88	115	114	116	113	99	110	117	83	98	109	56
47	61	77	115	147	125	129	117	103	111	109	80	101	106	57
39	52	64	94	111	105	109	106	100	106	109	85	99	109	58
52	65	77	112	127	120	121	114	103	109	108	83	95	101	59
87	68	60	44	44	51	56	62	75	84	94	122	108	110	60
79	60	52	40	43	54	60	67	77	84	94	122	106	110	61
41	45	47	50	57	67	69	80	88	92	99	109	124	127	62
29	29	31	38	45	57	62	65	83	107	104	89	93	100	63
50	48	50	53	60	67	72	75	78	92	103	105	106	114	64

Table 23.--Winter wheat farms, Southern Plains:

	ITEM	UNIT	1930	1931	1932	1933	1934	1935	1936	1937
1	Land in farm.....	Acres	560	560	560	560	560	560	566	572
2	Cropland harvested.....	do.	389	394	350	252	243	183	278	294
	Crops harvested:									
3	Wheat.....	do.	322.7	318.3	240.6	137.6	183.5	116.0	238.6	260.0
4	Sorghum for grain.....	do.	1.6	1.4	2.4	3.3	.5	4.2	1.3	5.3
5	Sorghum for forage.....	do.	7.8	9.4	15.6	23.3	24.9	18.6	13.8	9.3
6	Hay.....	do.	4.6	5.2	6.5	6.8	4.7	6.3	4.8	3.3
	Crop yield per harvested acre:									
7	Wheat.....	Bushels	14.3	18.3	10.9	6.7	7.5	6.7	9.0	7.1
8	Sorghum for grain.....	do.	15.0	20.0	12.5	9.2	3.5	6.0	5.0	6.4
9	Hay.....	Tons	2.3	2.3	1.9	1.5	.9	1.1	.9	1.2
	Livestock on farms, January 1:									
10	All cattle.....	Number	13.2	14.2	15.2	16.3	18.0	15.9	14.6	14.7
11	Milk cows.....	do.	5.0	5.2	5.5	5.8	6.3	6.0	5.4	4.9
12	Beef cows.....	do.	2.9	3.6	4.1	4.4	4.9	4.3	4.5	4.2
13	Chickens.....	do.	137	136	124	125	127	98	92	92
14	Horses and mules.....	do.	6.4	6.1	5.9	5.6	5.4	5.1	4.5	3.8
15	Pigs raised.....	do.	16.8	19.1	17.8	15.9	8.2	7.9	8.5	7.4
16	Tractors on farms.....	do.	1.00	1.01	1.03	1.04	1.05	1.06	1.06	1.07
17	Total labor used.....	Hours	3,780	3,880	3,360	2,950	2,880	2,700	2,770	2,680
18	Operator and family.....	do.	2,230	2,400	2,000	1,770	1,770	1,740	1,840	1,820
19	Hired.....	do.	1,550	1,480	1,360	1,180	1,110	960	930	860
20	Total farm capital, January 1.....	Dollars	28,468	25,712	22,434	17,690	16,409	18,408	18,816	19,803
21	Land and buildings.....	do.	23,422	21,280	18,480	14,560	15,120	15,120	15,484	16,588
22	Machinery and equipment.....	do.	2,467	2,395	2,241	2,116	2,092	2,053	1,989	1,940
23	Livestock.....	do.	1,313	938	700	619	651	677	931	829
24	Crops for sale, feed and seed.....	do.	1,266	1,099	1,013	395	546	558	412	446
25	Total cash receipts.....	do.	3,804	2,564	1,748	1,180	2,269	2,026	3,000	2,428
26	Wheat.....	do.	2,457	1,574	1,062	553	814	517	1,500	1,280
27	Other crops.....	do.	269	191	124	107	40	1	62	-
28	Cattle.....	do.	347	277	221	187	312	400	288	495
29	Hogs.....	do.	289	176	98	87	72	95	143	112
30	Other livestock and livestock products.....	do.	442	346	243	246	297	367	338	356
31	Other, including Government payments.....	do.	-	-	-	-	735	646	669	255
32	Total cash expenditures.....	do.	2,234	1,832	1,581	1,431	1,542	1,670	1,653	1,877
33	Feed purchased.....	do.	171	122	87	95	234	289	268	406
34	Livestock expense.....	do.	42	38	33	33	30	28	31	31
35	Crop expense.....	do.	46	37	33	117	81	176	111	104
36	Machinery purchased.....	do.	258	221	219	162	177	148	160	149
37	Other machinery expense.....	do.	908	827	791	665	653	608	702	727
38	Farm buildings and fences.....	do.	142	50	22	25	26	87	79	83
39	Labor hired.....	do.	383	274	187	145	152	145	159	166
40	Taxes.....	do.	269	251	198	178	178	178	192	199
41	Other.....	do.	15	12	11	11	11	11	11	12
42	Net cash farm income.....	do.	1,570	732	167	-251	727	356	1,347	621
43	Value of perquisites.....	do.	319	268	240	225	217	259	263	268
44	Change in inventory:									
45	Crops and livestock.....	do.	246	351	-321	-320	-702	-132	-280	-14
45	Machinery and buildings.....	do.	-33	-135	-137	-170	-164	-123	-116	-122
46	Net farm income.....	do.	2,102	1,216	-51	-516	78	360	1,214	753
47	Charge for capital.....	do.	1,735	1,575	1,398	1,113	1,091	1,036	990	999
48	Return to operator and family.....	do.	355	-359	-1,449	-1,629	-1,013	-676	224	-246
49	Purchasing power in 1937-41 dollars.....	do.	306	-359	-1,705	-1,672	-1,034	-676	224	-239
50	Return per hour in current dollars.....	do.	.16	-.15	-.72	-.92	-.57	-.39	-.12	-.14
	Index numbers (1947-49 = 100):									
51	Gross farm income.....	Percent	31	22	12	8	13	15	21	19
52	Net farm income.....	do.	21	12	-1	-5	1	4	12	8
53	Net farm production.....	do.	91	112	62	30	29	24	39	35
54	Crop yields per acre.....	do.	90	115	59	25	29	24	41	33
55	Production per hour of man labor.....	do.	-73	88	56	31	30	27	43	40
56	Production per unit of input.....	do.	96	116	68	39	39	36	52	49
57	Operating expense per unit of production.....	do.	58	42	65	110	119	141	97	116
58	Total cost per unit of production.....	do.	57	41	62	98	103	118	82	95
59	Power and machinery, January 1.....	do.	83	82	79	77	73	69	66	62
60	Prices received for products sold.....	do.	36	21	18	25	31	39	43	47
61	Prices paid, incl. wages to hired labor.....	do.	56	49	45	42	45	48	50	56

Organization, production, costs and returns, 1930-51

1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	
578	585	592	602	612	623	633	641	648	655	661	666	670	675	1
331	180	194	309	326	314	330	373	358	382	314	354	353	297	2
293.3	144.1	128.8	246.1	268.6	253.5	261.2	314.7	308.8	537.4	261.2	301.7	292.8	206.6	3
6.4	6.2	11.1	7.1	5.4	6.9	14.5	13.5	11.6	12.4	20.4	22.0	32.4	57.3	4
12.3	12.3	20.3	19.9	17.4	20.3	19.4	18.2	17.8	14.2	12.5	14.0	13.8	14.5	5
2.7	2.6	3.3	3.6	3.1	3.2	2.9	4.2	4.1	4.2	4.3	4.7	4.0	6.1	6
10.0	8.4	9.8	17.0	21.3	16.2	16.6	16.0	17.2	21.0	17.0	11.2	14.4	12.2	7
7.6	5.1	10.2	16.2	13.8	12.9	27.6	14.4	12.9	14.5	21.4	24.7	25.7	25.0	8
1.3	1.2	1.3	1.5	2.1	1.3	2.0	1.6	1.4	1.6	2.0	1.8	1.8	1.9	9
12.5	13.6	14.5	19.2	26.8	36.3	35.7	40.2	36.6	33.7	30.0	34.0	35.4	39.0	10
4.7	4.7	4.8	5.0	5.5	6.1	6.4	6.2	5.4	5.0	4.6	4.4	4.6	4.7	11
3.3	4.2	4.5	5.6	7.0	9.3	10.6	13.0	10.9	11.3	10.3	10.2	10.8	11.1	12
82	94	100	95	122	156	161	134	128	114	103	92	99	92	13
3.2	2.5	1.9	1.9	2.0	2.0	2.1	2.1	1.8	1.5	1.3	1.0	.8	.7	14
8.8	9.8	6.9	8.5	13.5	20.8	11.5	8.0	9.3	6.8	5.8	7.3	5.3	6.3	15
1.08	1.09	1.11	1.14	1.20	1.27	1.33	1.40	1.41	1.42	1.43	1.44	1.45	1.50	16
2,780	2,360	2,640	3,160	3,380	3,300	3,290	3,270	3,180	3,330	2,880	2,750	2,810	2,590	17
1,970	1,770	1,800	2,190	2,370	2,250	2,290	2,340	2,360	2,590	2,240	2,150	2,270	2,100	18
810	590	840	970	1,010	1,050	1,000	930	820	740	640	600	540	490	19
19,777	19,390	18,783	19,529	23,703	29,761	32,384	37,133	40,346	48,241	60,047	59,613	59,525	69,024	20
16,762	16,380	16,012	16,254	17,748	20,559	24,054	28,245	31,104	37,335	43,626	45,954	45,560	51,975	21
1,897	1,777	1,645	1,853	2,204	2,548	2,925	3,301	3,605	4,269	5,248	6,171	6,720	7,312	22
713	770	768	997	1,637	2,838	2,687	2,703	2,756	3,255	3,672	4,511	4,257	6,436	23
405	463	358	425	1,114	3,816	2,718	2,884	2,881	3,382	7,501	2,977	2,988	3,321	24
2,208	1,886	1,746	3,027	5,499	10,133	8,436	9,946	12,216	16,868	14,215	9,280	11,424	11,043	25
1,313	674	627	1,859	3,867	6,501	5,780	6,477	8,689	12,512	11,058	5,918	7,542	5,779	26
-	2	8	118	159	104	110	512	71	98	229	333	712	1,537	27
250	398	197	58	38	1,363	725	1,565	1,854	2,659	1,483	1,803	2,039	2,321	28
100	82	62	99	165	566	488	159	376	301	243	252	114	244	29
307	277	318	470	725	1,056	1,011	996	1,019	1,109	1,084	875	866	1,029	30
238	453	534	423	545	543	322	237	207	189	118	99	151	133	31
1,608	1,320	1,950	2,439	2,927	3,299	3,903	3,464	3,631	4,270	4,434	4,774	4,330	5,691	32
236	191	168	201	312	653	651	473	614	728	584	445	436	532	33
29	32	31	43	68	94	90	93	92	104	107	114	169	353	34
41	60	80	58	70	142	207	190	177	208	284	292	309	410	35
181	114	418	498	608	623	785	739	662	958	1,087	1,412	990	1,211	36
739	567	590	794	897	941	1,064	1,106	1,144	1,313	1,232	1,301	1,360	1,350	37
26	27	293	361	394	138	345	39	115	56	253	306	187	910	38
150	109	167	255	363	501	560	568	561	539	513	474	422	417	39
194	208	191	215	199	190	183	236	245	341	347	400	425	473	40
12	12	12	14	16	17	18	20	21	23	27	30	32	35	41
600	566	-204	588	2,572	6,834	4,533	6,482	8,585	12,598	9,781	4,506	7,094	5,352	42
255	253	270	272	303	407	373	410	516	550	595	593	599	672	43
209	-330	293	1,892	2,241	-2,386	305	-417	-579	2,217	-2,006	248	659	-485	44
-145	-185	327	433	493	204	480	94	64	133	306	-531	-13	758	45
919	304	706	3,185	5,609	5,059	5,691	6,569	8,586	15,498	8,676	5,878	8,339	6,297	46
949	918	866	886	1,096	1,409	1,460	1,696	1,831	2,199	2,763	2,755	2,797	3,275	47
-30	-614	-160	2,299	4,513	3,650	4,231	4,873	6,755	13,299	5,913	3,123	5,542	3,022	48
-31	-633	-165	2,190	3,761	2,724	3,001	3,315	4,144	6,963	2,927	1,593	2,799	1,399	49
-.02	-.35	-.09	1.05	1.90	1.62	1.85	2.08	2.86	5.13	2.64	1.45	2.44	1.44	50
19	13	16	37	57	57	64	70	86	139	90	71	89	79	51
9	3	7	32	56	50	57	66	86	155	86	59	83	63	52
55	29	34	85	107	86	93	101	104	133	89	78	93	70	53
55	31	41	103	129	96	93	97	100	129	100	71	90	62	54
60	37	40	81	96	79	85	94	99	122	93	85	100	82	55
71	43	47	97	111	86	92	100	103	127	91	82	94	73	56
70	107	101	55	52	78	82	75	78	71	105	124	106	155	57
61	95	87	46	46	68	72	71	75	69	108	123	106	152	58
59	56	53	57	63	70	76	85	90	94	100	106	114	115	59
32	32	35	37	50	64	68	70	84	105	102	93	96	109	60
51	49	51	55	61	67	73	77	83	94	102	104	105	114	61

TABLE 24.--Wheat-pea farms, Washington and Idaho:

	ITEM	UNIT	1935 <sup>1</sup>	1936	1937	1938	1939	1940
1	Land in farm.....	Acres	389	401	397	410	421	426
2	Cropland harvested.....	do.	258	261	260	255	262	292
3	Other cropland.....	do.	105	115	110	127	130	105
4	Other land.....	do.	26	27	27	28	29	29
	Crops harvested:							
5	Wheat.....	do.	141	152	152	157	142	133
6	Oats and barley.....	do.	29	26	26	29	40	42
7	Peas.....	do.	67	62	57	51	55	94
8	Hay.....	do.	21	21	25	18	25	23
	Crop yields per harvested acre:							
9	Wheat.....	Bushels	28.5	28.5	28.4	28.5	30.5	32.8
10	Barley.....	do.	35.0	36.5	37.5	34.0	36.0	35.0
11	Peas.....	Cwt.	10.9	11.7	15.2	11.1	11.4	7.8
	Livestock on farm, January 1:							
12	All cattle.....	do.	11.9	12.6	12.1	12.7	13.9	15.8
13	Milk cows.....	do.	3.3	3.5	3.2	3.2	3.1	3.5
14	Chickens.....	do.	87	91	97	97	97	97
15	Pigs raised.....	do.	19	20	26	28	32	30
16	Tractors on farm.....	do.	.40	.52	.68	.87	.92	.95
17	Total labor used.....	Hours	4,120	4,060	3,940	4,070	3,850	3,860
18	Operator and family.....	do.	2,160	2,150	2,120	2,120	2,090	2,090
19	Hired.....	do.	1,960	1,910	1,820	1,950	1,760	1,770
20	Total farm capital, January 1.....	Dollars	26,110	27,370	31,840	33,680	32,440	35,970
21	Land and buildings.....	do.	22,176	22,810	25,980	27,130	26,230	29,060
22	Machinery and equipment.....	do.	1,920	2,390	3,160	3,800	3,640	3,610
23	Livestock.....	do.	910	1,050	1,080	1,020	980	1,010
24	Crops for sale, feed and seed.....	do.	1,110	1,120	1,620	1,730	1,590	2,290
25	Total cash receipts.....	do.	5,282	5,433	5,056	3,665	4,967	5,250
26	Wheat.....	do.	2,378	2,865	2,539	1,681	2,145	2,151
27	Peas.....	do.	1,174	1,161	1,217	619	1,076	1,457
28	Other crops.....	do.	144	320	320	244	343	396
29	Cattle.....	do.	79	141	102	83	100	194
30	Hogs.....	do.	294	234	350	368	339	285
31	Dairy products.....	do.	132	178	163	131	126	178
32	Other livestock and livestock products.....	do.	173	190	221	188	156	148
33	Other, including Government payments.....	do.	908	344	144	351	682	441
34	Total cash expenditures.....	do.	2,865	3,423	3,470	3,345	3,097	3,612
35	Feed purchased.....	do.	197	203	253	226	243	245
36	Livestock expense.....	do.	26	25	26	28	29	36
37	Crop expense.....	do.	293	312	392	496	405	489
38	Machinery purchased.....	do.	833	1,246	1,120	765	635	884
39	Other machinery expense.....	do.	571	660	762	826	871	939
40	Farm buildings and fences.....	do.	138	133	87	118	85	120
41	Labor hired.....	do.	433	518	519	542	480	514
42	Taxes.....	do.	338	285	274	307	313	348
43	Other.....	do.	36	36	37	37	36	37
44	Net cash farm income.....	do.	2,417	2,010	1,586	320	1,870	1,638
45	Value of perquisites.....	do.	313	344	344	308	298	282
46	Change in inventory:							
47	Crops and livestock.....	do.	17	150	428	287	226	274
47	Machinery and buildings.....	do.	449	690	403	33	-69	165
48	Net farm income.....	do.	3,196	3,194	2,761	948	2,325	2,359
49	Charge for capital.....	do.	1,520	1,478	1,700	1,748	1,663	1,815
50	Return to operator and family labor.....	do.	1,676	1,716	1,061	-800	662	544
51	Purchasing power in 1937-41 dollars.....	do.	1,676	1,716	1,030	-816	682	561
52	Return per hour in current dollars.....	do.	.78	.80	.50	-.38	.32	-.26
	Index numbers (1947-49 = 199):							
53	Gross farm income.....	Percent	31	32	32	23	39	32
54	Net farm income.....	do.	27	27	23	8	20	20
55	Net farm production.....	do.	69	75	80	74	79	82
56	Crop yields per acre.....	do.	100	102	110	100	106	104
57	Production per hour of man labor.....	do.	53	58	64	57	65	67
58	Production per unit of input.....	do.	83	85	89	80	84	87
59	Operating expense per unit of production.....	do.	52	54	57	66	59	62
60	Total cost per unit of production.....	do.	47	47	49	54	50	51
61	Power and machinery, January 1.....	do.	43	51	64	72	74	73
62	Prices received for products sold.....	do.	38	41	39	29	32	35
63	Prices paid, incl. wages to hired labor.....	do.	45	46	49	49	48	53

<sup>1</sup>Data not available prior to 1935.

Organization, production, costs and returns, 1920-51.<sup>1</sup>

1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	
427	426	440	453	444	457	476	474	494	482	498	1
294	322	326	352	346	347	373	311	386	319	325	2
104	75	83	69	55	77	66	129	70	126	137	3
29	29	31	32	33	33	37	34	38	35	36	4
139	108	85	123	152	172	180	180	214	179	187	5
40	46	30	54	41	24	30	35	39	67	41	6
96	150	195	159	135	137	147	83	114	53	79	7
19	18	16	16	19	14	16	14	16	20	18	8
31.1	33.3	27.6	32.6	34.2	33.8	30.1	29.5	24.3	33.6	32.1	9
35.6	36.3	39.0	37.7	34.9	34.1	34.6	34.7	25.0	31.1	33.3	10
15.6	16.6	14.5	13.3	11.5	16.0	13.1	12.4	9.2	14.1	13.6	11
16.9	18.0	19.9	14.1	12.3	10.7	11.3	9.3	9.8	10.4	10.7	12
3.3	3.4	3.4	3.4	3.3	2.3	2.1	2.0	2.2	2.2	2.2	13
97	102	107	113	107	67	61	74	74	69	63	14
32	47	44	27	16	14	12	9	14	12	13	15
1.05	1.13	1.22	1.30	1.36	1.46	1.62	1.70	1.79	1.87	1.86	16
3,750	3,660	3,540	3,310	3,280	3,120	3,220	3,130	3,110	3,140	3,120	17
2,060	2,050	2,040	2,000	2,000	1,960	1,980	2,000	1,990	2,000	1,980	18
1,690	1,610	1,500	1,310	1,280	1,160	1,240	1,130	1,120	1,140	1,140	19
36,520	40,660	50,680	58,130	64,540	75,200	92,200	105,290	112,350	107,620	127,320	20
29,070	31,690	37,950	45,910	51,160	61,530	75,540	85,200	91,740	89,760	105,580	21
4,000	4,540	5,240	5,800	6,080	5,840	7,100	8,810	10,250	9,740	10,420	22
1,090	1,510	2,180	1,520	1,340	1,410	1,600	1,700	1,870	1,570	2,170	23
2,360	2,920	5,310	4,900	5,960	6,420	7,960	9,580	8,490	6,550	8,150	24
9,170	14,575	18,300	15,245	13,765	18,552	23,159	16,190	14,794	14,398	19,215	25
3,368	2,442	3,153	3,733	6,408	8,252	11,270	8,530	9,234	8,409	12,923	26
3,449	8,960	11,186	8,293	4,059	7,632	8,295	5,016	3,002	2,873	2,531	27
563	490	445	920	1,235	987	1,311	1,092	998	1,549	1,932	28
269	249	923	440	446	283	826	423	384	570	706	29
477	900	1,358	934	577	593	690	414	535	307	357	30
208	244	289	299	416	352	308	321	300	307	339	31
203	250	398	332	438	282	286	330	236	204	247	32
633	1,040	548	294	186	171	213	62	105	179	180	33
3,896	4,916	4,938	4,891	4,674	6,093	7,526	7,363	6,462	7,170	8,533	34
283	430	603	498	390	307	361	344	319	336	374	35
43	53	63	49	47	42	43	44	49	49	53	36
503	681	623	599	432	579	579	410	589	654	997	37
867	1,011	733	620	710	1,568	2,327	2,115	1,350	1,696	2,542	38
1,039	1,182	1,292	1,393	1,439	1,482	1,838	1,717	2,033	2,202	2,166	39
205	370	159	275	168	575	676	883	350	354	394	40
586	803	1,092	1,065	1,092	1,027	1,130	1,220	961	997	1,250	41
328	344	331	350	353	469	525	581	744	829	704	42
42	42	42	42	43	44	47	49	47	53	53	43
5,274	9,659	13,362	10,354	9,091	12,459	15,633	8,827	8,332	7,228	10,682	44
341	421	556	543	607	617	858	931	868	838	1,018	45
-350	1,764	-1,809	807	369	394	-2,280	1,004	-431	1,746	-1,258	46
162	341	-183	-248	-270	811	1,259	925	-334	39	274	47
5,427	12,185	11,926	11,456	9,797	14,281	15,470	11,687	8,435	9,851	10,716	48
1,784	1,978	2,408	2,717	3,075	3,664	4,492	5,134	5,404	5,272	6,257	49
3,643	10,207	9,518	8,739	6,722	10,617	10,978	6,553	3,031	4,579	4,459	50
3,470	8,506	7,103	6,198	4,573	6,513	5,748	3,244	1,546	2,313	2,064	51
1.77	4.98	4.67	4.37	3.36	5.42	5.54	3.28	1.52	2.29	2.25	52
50	91	93	90	80	107	118	99	83	92	103	53
46	103	101	97	83	120	130	99	71	83	90	54
99	116	104	110	107	123	114	94	92	104	102	55
116	123	107	115	115	123	108	107	85	119	114	56
83	100	92	104	103	124	112	95	93	104	103	57
102	117	104	111	112	127	112	97	91	103	97	58
56	59	73	70	70	66	84	104	112	105	122	59
46	48	62	63	66	84	81	107	112	101	121	60
76	77	78	85	85	84	91	101	108	103	103	61
46	74	82	81	73	87	105	106	89	84	101	62
56	64	72	76	78	83	93	102	105	110	117	63



TABLE 25.--Sheep ranches, northern Great Plains livestock area:

	ITEM	UNIT	1930	1931	1932	1933	1934	1935	1936	1937
1	Land in ranch.....	Acres	3,867	4,199	3,671	4,413	4,550	3,757	4,341	3,944
2	do. Cropland harvested.....	do.	153	77	157	147	45	70	42	79
3	do. Rangeland pasture and miscellaneous....	do.	3,714	4,122	3,514	4,266	4,505	3,687	4,299	3,865
	Crops harvested:									
4	Grains.....	do.	47.6	18.8	45.8	36.3	9.3	16.4	7.8	15.9
5	Time hay.....	do.	57.7	34.0	62.5	67.3	18.3	30.5	19.2	25.6
6	Native hay.....	do.	40.8	22.8	44.8	38.3	13.2	22.7	13.0	35.3
7	Other crops.....	do.	6.8	1.4	3.9	5.1	3.6	.4	2.0	2.2
	Livestock on ranch, January 1:									
8	All sheep.....	Number	1,156	1,268	1,021	1,326	1,415	943	1,102	901
9	do. Breeding ewes.....	do.	928	1,019	860	1,057	1,092	783	899	826
10	All cattle.....	do.	18.3	17.3	18.3	19.3	20.3	20.3	19.1	17.0
11	Chickens.....	do.	41	46	42	43	38	30	20	29
12	Horses.....	do.	13.8	13.5	12.0	11.0	11.0	9.9	9.5	9.3
13	Pigs raised.....	do.	4.3	4.4	2.7	3.9	2.1	1.0	.9	1.1
14	Lamb crop.....	Percent	82	83	74	74	75	71	72	71
15	Tractors on ranch.....	Number	.30	.32	.33	.34	.34	.38	.41	.44
16	Total labor used.....	Hours	8,550	8,520	7,700	9,200	8,780	6,470	7,050	6,250
17	Operator and family.....	do.	4,530	4,590	4,650	4,650	4,620	4,550	4,520	4,230
18	Hired.....	do.	4,020	3,930	3,050	4,550	4,160	1,920	2,530	2,020
19	Total ranch capital, January 1.....	Dollars	38,510	30,460	19,840	21,650	24,750	19,730	25,140	22,500
20	Land and buildings.....	do.	22,420	19,280	13,470	14,530	14,320	11,750	13,160	12,780
21	Machinery and equipment.....	do.	1,110	1,080	980	940	960	1,030	1,190	1,360
22	Livestock.....	do.	13,270	8,650	4,480	5,060	7,680	5,320	8,950	6,690
23	Crops for sale, feed and seed.....	do.	1,710	1,450	910	1,020	1,790	1,630	1,840	1,670
24	Total cash receipts.....	do.	5,656	5,434	2,362	4,543	6,562	3,655	6,167	5,664
25	do. Crops.....	do.	63	0	11	18	12	0	0	0
26	do. Cattle.....	do.	394	206	175	143	140	284	244	234
27	do. Sheep.....	do.	2,754	3,336	1,110	1,963	3,086	1,480	3,086	2,819
28	do. Wool.....	do.	2,260	1,663	946	2,254	2,726	1,557	2,472	2,299
29	do. Other livestock and livestock products..	do.	275	229	120	120	112	95	71	42
30	do. Other, including Government payments....	do.	---	---	---	45	486	239	294	270
31	Total cash expenditures.....	do.	3,720	3,748	2,605	2,642	3,979	3,805	4,769	4,189
32	Feed and grazing fees.....	do.	468	842	271	377	1,676	1,619	1,797	1,600
33	Livestock purchased.....	do.	756	740	700	419	47	396	910	925
34	Other livestock expense.....	do.	67	73	51	74	32	46	55	44
35	Crop expense.....	do.	4	4	3	3	1	8	3	8
36	Machinery purchased.....	do.	200	125	135	163	256	370	419	226
37	Other machinery expense.....	do.	251	204	220	201	200	208	220	239
38	Ranch buildings and fences.....	do.	62	121	81	28	56	172	179	107
39	Labor hired.....	do.	916	800	475	587	507	343	449	344
40	Taxes.....	do.	509	419	333	384	432	336	399	365
41	Other.....	do.	487	420	336	406	422	307	338	331
42	Net cash ranch income.....	do.	1,936	1,686	-243	1,901	2,583	-150	1,398	1,475
43	Value of perquisites.....	do.	375	290	240	228	242	313	306	342
44	Change in inventory:									
45	do. Crops and livestock.....	do.	663	-1,089	811	338	-1,796	940	-1,047	-54
45	do. Machinery and buildings.....	do.	-132	-106	-98	-113	-45	116	146	-124
46	Net ranch income.....	do.	2,842	781	710	2,354	984	1,219	803	1,639
47	Charge for capital.....	do.	2,837	2,230	1,412	1,493	1,580	1,204	1,465	1,280
48	Return to operator and family labor.....	do.	5	-1,449	-702	861	-596	15	-662	359
49	Purchasing power in 1937-41 dollars.....	do.	4	-1,449	-826	990	-608	15	-662	349
50	Return per hour in current dollars.....	do.	-	-.32	-.15	.19	-.13	-	-.15	.08
	Index numbers (1947-49 = 100):									
51	Gross ranch income.....	Percent	42	29	22	32	32	31	34	38
52	Net ranch income.....	do.	41	11	10	34	14	18	12	24
53	Net ranch production.....	do.	116	86	109	111	50	70	45	50
54	Crop yields per acre.....	do.	81	25	100	62	15	32	13	30
55	Production per hour of man labor.....	do.	101	75	105	90	42	81	48	59
56	Production per unit of input.....	do.	120	92	120	109	63	93	66	76
57	Operating expense per unit of production	do.	41	46	27	28	66	49	74	65
58	Total cost per unit of production.....	do.	49	50	30	30	61	45	65	57
59	Power and machinery, January 1.....	do.	51	50	48	47	47	50	55	61
60	Prices received for products sold.....	do.	42	29	22	31	34	37	43	51
61	Prices paid, incl. wages to hired labor.....	do.	54	42	34	32	41	48	49	48

Organization, production, costs and returns, 1930-51

1936	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	
4,391	5,035	5,015	5,218	5,468	5,605	5,233	4,959	5,152	4,921	5,249	5,187	5,294	5,327	1
87	95	106	174	194	211	224	222	216	220	225	211	216	202	2
4,304	4,940	4,909	5,044	5,274	5,394	5,009	4,737	4,936	4,701	5,024	4,976	5,078	5,125	3
24.4	31.2	37.9	62.9	76.7	71.5	69.1	72.1	72.4	72.9	81.3	78.8	73.6	76.4	4
24.5	21.6	22.1	27.0	24.6	24.5	28.5	29.7	30.1	30.4	27.6	22.3	26.6	26.8	5
37.5	41.6	45.3	82.8	98.6	113.0	124.6	118.3	111.6	114.6	113.0	108.4	114.0	95.7	6
.6	.6	.7	1.3	2.1	2.0	1.8	1.9	1.9	2.1	3.1	1.5	1.8	3.6	7
913	969	944	955	1,018	1,138	998	984	1,025	976	1,078	1,111	1,095	1,123	8
688	754	671	755	814	968	854	912	911	912	822	958	884	912	9
17.0	16.0	15.8	17.7	19.6	21.5	23.1	23.6	24.0	23.5	23.0	24.5	23.7	23.6	10
24	28	31	30	37	42	44	42	40	37	37	34	36	40	11
10.3	10.5	10.5	10.3	10.1	10.1	10.0	10.0	9.7	9.3	9.0	9.1	8.6	6.8	12
1.2	3.2	2.4	2.4	2.9	3.3	3.9	3.4	4.0	3.5	2.6	4.1	3.4	3.6	13
81	83	82	84	86	84	80	82	84	85	84	75	73	84	14
.46	.47	.50	.54	.60	.66	.69	.70	.75	.80	.86	.96	.98	.99	15
6,390	6,690	6,530	6,990	7,410	8,130	7,510	7,210	7,370	7,160	7,600	7,650	7,550	7,610	16
4,140	4,020	3,960	3,900	3,900	3,960	3,960	4,050	4,260	4,366	4,350	4,440	4,380	4,320	17
2,250	2,670	2,570	3,090	3,510	4,170	3,550	3,160	3,110	2,740	3,260	3,210	3,170	3,290	18
25,330	25,470	25,830	27,780	34,290	39,810	37,740	40,550	47,220	56,870	69,050	74,310	60,460	80,760	19
14,450	15,580	15,250	16,340	19,230	21,850	22,590	25,730	28,440	34,210	40,360	40,920	38,030	45,110	20
1,370	1,310	1,410	1,590	1,950	2,160	2,240	2,370	2,590	3,360	4,340	5,020	5,330	5,830	21
7,880	7,750	8,290	9,000	11,910	13,540	16,800	9,740	12,720	15,250	20,360	24,030	22,350	35,030	22
1,120	830	880	850	1,200	2,260	2,110	2,710	3,470	4,030	3,970	4,280	2,750	2,790	23
4,286	6,130	5,942	7,837	9,810	12,847	10,471	11,107	13,537	13,009	15,655	15,227	17,058	28,013	24
0	0	21	145	294	429	303	418	625	816	832	485	528	906	25
318	300	237	306	512	512	553	680	1,001	1,183	1,145	1,137	1,157	2,304	26
2,134	3,071	2,706	3,783	4,601	7,143	5,611	5,970	7,587	6,980	8,846	8,518	9,132	14,066	27
1,450	2,078	2,359	2,902	3,638	3,888	3,367	3,448	3,735	3,391	4,348	4,555	5,734	10,211	28
106	124	134	168	210	263	234	269	324	384	329	381	288	246	29
280	557	491	513	555	612	403	324	265	255	155	151	219	277	30
3,172	3,346	3,864	4,271	4,799	5,031	5,570	6,245	6,357	8,153	10,091	10,095	9,030	13,029	31
697	607	928	580	517	599	750	718	703	884	1,242	2,680	1,385	2,275	32
771	632	697	1,158	1,428	993	1,274	1,194	1,189	1,588	1,951	1,149	1,286	2,161	33
54	55	51	52	59	72	63	65	73	75	100	108	109	153	34
4	3	7	9	9	9	9	9	9	9	16	11	11	11	35
194	347	412	502	443	348	426	574	843	1,226	1,176	1,092	1,023	1,659	36
236	265	280	382	386	407	432	463	530	712	877	961	1,037	1,520	37
63	139	162	126	112	159	140	495	389	874	1,193	371	393	679	38
449	530	530	599	924	1,459	1,533	1,786	1,678	1,564	2,024	2,113	2,062	2,575	39
385	427	461	476	464	446	418	449	511	625	803	934	960	1,114	40
326	341	338	387	457	539	525	502	532	596	709	676	744	882	41
1,107	2,784	2,084	3,566	5,011	7,816	4,901	4,864	7,180	4,856	5,564	5,132	8,028	14,984	42
310	303	292	354	418	496	492	551	597	718	775	757	726	837	43
155	-289	336	999	1,856	-1,427	353	665	-775	1,857	1,900	-2,419	1,184	3,278	44
-179	44	89	77	-81	-171	-155	258	218	836	657	-109	-178	238	45
1,393	2,842	2,801	4,996	7,204	6,714	5,591	6,338	7,220	8,267	9,096	3,361	9,760	19,337	46
1,381	1,366	1,366	1,454	1,758	2,082	1,896	2,024	2,389	2,888	3,601	3,793	3,560	4,650	47
12	1,476	1,435	3,542	5,446	4,632	3,695	4,314	4,831	5,379	5,495	-432	6,200	14,687	48
12	1,522	1,479	3,373	4,538	3,457	2,621	2,935	2,964	2,816	2,720	-220	3,131	6,800	49
-	-.37	.36	.91	1.40	1.17	.93	1.07	1.13	1.23	1.26	1.10	1.42	3.40	50
30	39	42	58	76	75	72	78	84	98	116	86	120	203	51
20	41	41	72	104	97	81	92	105	120	132	48	141	280	52
73	79	71	96	122	105	108	115	114	109	112	79	100	128	53
30	36	41	92	120	95	106	108	116	111	107	82	107	96	54
85	88	81	102	123	96	107	118	115	114	109	77	98	125	55
94	95	88	106	125	106	112	120	116	112	107	81	98	116	56
46	44	51	46	46	58	59	59	63	77	94	129	105	113	57
46	43	48	42	43	58	58	61	66	80	94	126	105	110	58
59	57	61	65	70	75	75	77	81	90	102	108	111	114	59
36	44	47	56	64	70	66	69	78	94	106	100	121	170	60
46	44	46	49	58	63	68	74	79	94	102	104	106	130	61

TABLE 26.--Sheep ranches, Southwest:

	ITEM	UNIT	1940	1941	1942	1943
1	Land in ranch .....	Acres	8,287	8,305	8,276	8,330
2	Cropland harvested.....	do.	9	12	11	12
3	Rangeland and pasture.....	do.	8,229	8,245	8,217	8,269
4	Other land.....	do.	49	48	48	49
	Livestock on ranch, January 1:					
5	All sheep.....	Number	1,425	1,472	1,564	1,572
6	Breeding ewes.....	do.	1,251	1,323	1,406	1,388
7	All cattle.....	do.	32.3	35.7	43.9	45.6
8	Goats.....	do.	105.7	132.3	129.8	127.6
9	Horses.....	do.	9.2	9.8	11.4	11.1
10	Chickens.....	do.	20	18	18	24
11	Lamb crop.....	Percent	68	72	71	65
12	Tractors on ranch.....	Number	.07	.08	.09	.10
13	Total labor used.....	Hours	7,770	8,220	8,760	8,860
14	Operator and family.....	do.	2,880	2,930	3,110	3,460
15	Hired.....	do.	4,890	5,290	5,650	5,400
16	Total ranch capital, January 1.....	Dollars	53,190	57,930	66,820	71,150
17	Land and buildings.....	do.	40,620	43,950	47,340	51,350
18	Machinery and equipment.....	do.	690	940	1,070	1,110
19	Livestock.....	do.	10,530	11,850	17,250	17,350
20	Crops for sale, feed and seed.....	do.	1,150	1,190	1,160	1,340
21	Total cash receipts.....	do.	8,480	11,685	14,358	12,730
22	Sheep and lambs.....	do.	4,179	5,919	6,999	5,132
23	Wool.....	do.	3,192	4,220	4,884	5,863
24	Other livestock and livestock products.....	do.	629	1,366	2,257	1,524
25	Other, including Government payments.....	do.	280	180	218	211
26	Total cash expenditures.....	do.	8,171	8,354	8,461	8,712
27	Feed and grazing fees.....	do.	1,579	1,691	1,970	3,030
28	Livestock purchased.....	do.	2,061	2,158	2,822	1,979
29	Other livestock expense.....	do.	92	116	119	130
30	Crop expense.....	do.	3	3	2	4
31	Machinery purchased.....	do.	168	196	109	157
32	Other machinery expense.....	do.	338	372	374	386
33	Ranch buildings and fences.....	do.	2,332	1,909	544	230
34	Labor hired.....	do.	913	1,150	1,700	1,941
35	Taxes.....	do.	238	255	279	280
36	Other.....	do.	447	504	542	573
37	Net cash ranch income.....	do.	309	3,331	5,897	4,018
38	Value of perquisites.....	do.	257	320	359	384
39	Change in inventory:					
40	Crops and livestock.....	do.	993	1,254	-54	207
41	Machinery and buildings.....	do.	1,636	1,158	-315	-680
41	Net ranch income.....	do.	3,195	6,063	5,887	3,921
42	Charge for capital.....	do.	2,744	2,992	3,450	3,755
43	Return to operator and family labor.....	do.	451	3,071	2,437	166
44	Purchasing power in 1937-41 dollars.....	do.	465	2,925	2,031	124
45	Return per hour in current dollars.....	do.	.16	1.05	.78	.05
	Index numbers (1947-49 = 100):					
46	Gross ranch income.....	Percent	57	78	86	78
47	Net ranch income.....	do.	61	116	113	75
48	Net ranch production.....	do.	119	145	137	117
49	Crop yields per acre.....	do.	87	144	102	85
50	Production per hour of man labor.....	do.	89	103	91	77
51	Production per unit of input.....	do.	111	122	117	106
52	Operating expense per unit of production.....	do.	44	44	56	66
53	Total cost per unit of production.....	do.	65	40	51	83
54	Power and machinery, January 1.....	do.	75	80	85	69
55	Prices received for products sold.....	do.	45	57	64	69
56	Prices paid, incl. wages to hired labor.....	do.	45	49	61	73

<sup>1</sup>Data not available prior to 1940.

Organization, production, costs and returns, 1940-51<sup>1</sup>

1944	1945	1946	1947	1948	1949	1950	1951	
8,285	8,337	8,582	9,100	9,505	9,763	10,405	10,310	1
13	12	9	9	9	8	9	10	2
8,224	8,272	8,512	9,014	9,411	9,660	10,297	10,191	3
48	53	61	77	85	95	99	109	4
1,536	1,469	1,417	1,349	1,379	1,219	1,275	1,265	5
1,167	1,250	1,169	1,052	1,104	1,062	1,058	985	6
56.1	53.4	49.8	40.0	33.2	31.0	36.0	41.8	7
123.7	103.4	94.1	85.2	79.3	77.2	79.4	75.8	8
10.9	10.8	10.8	11.0	10.3	9.4	9.2	9.0	9
30	27	32	24	23	18	19	19	10
68	70	67	68	65	73	75	60	11
.10	.10	.10	.11	.14	.16	.21	.26	12
8,820	6,760	6,540	6,100	6,050	5,420	5,360	5,410	13
4,220	3,180	3,050	2,810	2,700	2,600	2,630	2,660	14
4,600	3,580	3,490	3,290	3,350	2,820	2,730	2,750	15
74,990	75,720	85,570	100,750	124,910	136,630	152,660	179,810	16
56,040	57,810	66,470	78,240	97,320	106,000	119,310	135,640	17
1,170	1,190	1,270	1,490	1,930	2,350	2,910	3,350	18
16,020	15,320	15,070	18,970	23,240	24,310	28,560	38,880	19
1,760	1,400	1,760	2,050	2,440	1,970	1,680	1,940	20
14,725	14,036	15,723	15,731	18,727	17,162	23,822	24,871	21
6,803	6,355	7,457	7,860	10,468	10,087	13,175	10,050	22
5,583	4,932	4,808	4,526	5,195	5,328	6,411	10,448	23
2,136	2,544	3,208	3,134	2,844	1,547	2,007	4,159	24
203	205	250	211	200	200	229	214	25
7,790	7,652	10,569	13,114	14,053	12,582	18,988	18,729	26
2,002	2,615	3,596	3,681	3,667	2,358	3,127	5,018	27
2,366	1,381	2,247	2,269	2,615	3,850	6,101	2,668	28
132	124	131	181	177	152	200	277	29
4	6	5	6	7	4	4	5	30
176	223	295	568	557	793	884	1,561	31
414	472	528	586	682	741	819	866	32
66	444	1,197	3,132	3,109	2,123	5,248	5,532	33
1,785	1,638	1,717	1,682	1,852	1,500	1,480	1,624	34
320	277	307	375	385	456	497	482	35
525	472	546	634	702	605	628	698	36
6,935	6,384	5,154	2,617	4,674	4,580	4,834	6,134	37
409	410	440	473	498	516	524	683	38
-938	-1,039	-1,135	-468	-2,832	1,168	150	-855	39
-926	-595	-162	2,078	1,705	664	3,733	4,518	40
5,480	5,160	4,297	4,700	4,045	6,928	9,241	10,489	41
3,901	3,933	4,468	5,150	6,271	6,736	7,608	9,296	42
1,579	1,227	-171	-450	-2,226	192	1,633	1,193	43
1,120	835	-105	-236	-1,102	98	825	552	44
.37	.39	-.06	-.16	-.82	.07	.62	.45	45
84	79	88	93	96	111	144	145	46
105	89	82	90	77	133	177	201	47
135	134	109	103	89	108	107	88	48
110	87	94	87	95	118	96	97	49
90	115	97	98	85	117	117	94	50
118	124	106	104	92	104	101	87	51
59	59	83	91	112	97	118	136	52
60	61	80	89	112	99	115	147	53
81	81	84	87	100	113	131	142	54
65	66	79	90	103	107	133	166	55
70	76	86	95	103	102	110	116	56

TABLE 27.--Cattle ranches, northern Great Plains livestock area:

	ITEM	UNIT	1930	1931	1932	1933	1934	1935	1936	1937
1	Land in ranch.....	Acres	2,606	2,668	2,830	2,624	2,561	2,661	2,890	2,883
2	Cropland harvested.....	do.	195	92	202	200	78	127	62	107
3	Rangeland, pasture and miscellaneous...	do.	2,411	2,576	2,628	2,424	2,483	2,534	2,828	2,776
	Crops harvested:									
4	Grains.....	do.	56.6	20.5	61.3	44.4	17.8	32.1	14.2	27.6
5	Tame hay.....	do.	76.8	46.9	83.3	98.7	33.6	53.7	26.8	39.7
6	Native hay.....	do.	39.8	22.0	41.9	38.6	22.0	38.3	17.2	32.4
7	Other crops.....	do.	21.5	2.6	15.7	18.3	4.3	2.9	3.8	7.1
	Livestock on ranch, January 1:									
8	All cattle.....	Number	140.8	139.8	132.0	140.7	141.4	131.5	129.0	124.2
9	Cows and heifers, 2 years old and over.....	do.	61.4	60.9	64.9	71.1	65.5	62.7	69.5	64.3
10	Chickens.....	do.	46	51	46	47	42	43	29	41
11	Horses.....	do.	15.5	15.6	14.2	14.5	14.5	13.2	14.4	14.1
12	Pigs raised.....	do.	10.4	11.2	5.8	8.8	5.8	5.0	4.4	4.9
13	Calf crop.....	Percent	74	72	72	72	69	62	68	63
14	Tractors on ranch.....	Number	.31	.34	.34	.35	.35	.36	.41	.48
15	Total labor used.....	Hours	5,150	4,270	4,920	5,230	4,000	4,080	3,640	3,910
16	Operator and family.....	do.	4,100	3,970	4,010	3,990	3,730	3,750	3,480	3,590
17	Hired.....	do.	1,050	300	910	1,240	270	330	160	220
18	Total ranch capital, January 1.....	Dollars	27,230	22,460	17,160	15,700	16,290	15,710	18,430	16,280
19	Land and buildings.....	do.	16,520	13,650	11,460	10,130	9,520	9,310	9,890	10,290
20	Machinery and equipment.....	do.	1,490	1,530	1,440	1,310	1,290	1,310	1,380	1,430
21	Livestock.....	do.	7,600	5,560	3,360	3,060	2,820	2,960	5,270	4,550
22	Crops for sale, feed and seed.....	do.	1,620	1,740	900	1,200	2,660	2,130	1,890	1,960
23	Total cash receipts.....	do.	3,101	2,079	1,097	1,573	1,373	1,575	1,818	1,275
24	Crops.....	do.	255	5	56	89	0	0	0	32
25	Cattle.....	do.	2,471	1,740	904	1,261	1,117	1,367	1,538	1,032
26	Other livestock and livestock products.....	do.	375	339	137	207	174	129	177	150
27	Other, including Government payments.....	do.	---	---	---	16	82	79	103	61
28	Total cash expenditures.....	do.	1,941	1,550	1,171	1,205	2,044	1,998	3,137	3,211
29	Feed and grazing fees.....	do.	158	216	61	125	975	714	1,780	1,384
30	Livestock purchased.....	do.	166	54	66	45	22	64	21	124
31	Other livestock expense.....	do.	17	17	16	18	18	34	17	32
32	Crop expense.....	do.	5	6	5	4	2	18	6	4
33	Machinery purchased.....	do.	328	202	109	118	216	305	363	534
34	Other machinery expense.....	do.	195	143	183	159	137	160	160	207
35	Ranch buildings and fences.....	do.	154	226	44	31	45	74	184	300
36	Labor hired.....	do.	219	55	125	136	26	47	23	28
37	Taxes.....	do.	352	294	280	266	257	251	282	282
38	Other.....	do.	346	335	282	301	345	331	301	316
39	Net cash ranch income.....	do.	1,160	529	-74	368	-671	-423	-1,319	-1,936
40	Value of perquisites.....	do.	358	291	243	236	254	321	327	362
	Change in inventory:									
41	Crops and livestock.....	do.	327	-605	370	264	-224	-229	120	465
42	Machinery and buildings.....	do.	54	46	-169	-142	-65	0	117	333
43	Net ranch income.....	do.	1,899	261	370	726	-706	-331	-755	-776
44	Charge for capital.....	do.	1,996	1,656	1,224	1,085	1,040	959	1,072	1,041
45	Return to operator and family labor.....	do.	-97	-1,395	-854	-359	-1,746	-1,290	-1,827	-1,817
46	Purchasing power in 1937-41 dollars.....	do.	-84	-1,395	-1,005	-413	-1,782	-1,290	-1,827	-1,764
47	Return per hour in current dollars.....	do.	-.02	-.35	-.21	-.09	-.47	-.34	-.52	-.51
	Index numbers (1947-49 = 100):									
48	Gross ranch income.....	Percent	34	16	15	19	13	15	20	19
49	Net ranch income.....	do.	29	4	6	11	-11	-5	-12	-12
50	Net ranch production.....	do.	100	67	73	93	48	38	37	27
51	Crop yields per acre.....	do.	85	26	100	62	22	44	15	30
52	Production per hour of man labor.....	do.	84	68	65	77	52	40	44	31
53	Production per unit of input.....	do.	118	87	91	112	71	57	63	52
54	Operating expense per unit of production.....	do.	37	45	38	30	69	83	98	111
55	Total cost per unit of production.....	do.	48	57	45	31	56	71	72	83
56	Power and machinery, January 1.....	do.	57	59	58	55	53	53	54	58
57	Prices received for products sold.....	do.	32	23	20	17	18	29	27	35
58	Prices paid, incl. wages to hired labor.....	do.	53	50	43	40	50	53	56	53

Organization, production, costs and returns, 1930-51

1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	
3,166	3,408	3,559	3,593	3,391	3,537	3,572	3,667	3,686	3,843	3,804	3,754	3,790	3,813	1
120	133	158	226	228	237	246	246	240	244	246	226	244	258	2
3,046	3,275	3,401	3,367	3,163	3,300	3,326	3,421	3,446	3,599	3,558	3,528	3,546	3,555	3
30.7	26.2	40.0	62.5	69.2	72.8	75.3	79.1	79.0	79.8	84.4	85.3	78.4	80.5	4
43.2	36.9	40.2	41.6	40.3	40.0	38.8	42.6	41.6	41.9	39.6	33.1	43.9	56.8	5
35.1	53.3	63.7	105.7	103.1	105.9	113.0	107.7	103.4	104.1	102.7	98.3	108.8	108.5	6
10.6	16.4	13.6	16.6	15.7	17.9	18.7	16.6	16.0	17.8	19.3	9.3	12.8	12.5	7
131.2	134.2	137.9	138.4	141.0	138.1	137.9	143.2	139.5	143.4	135.9	141.2	136.6	134.1	8
72.2	73.9	76.0	71.4	75.6	69.8	69.5	64.2	61.2	66.6	62.3	62.2	62.4	72.7	9
34	35	42	42	50	56	58	55	43	50	49	45	48	47	10
15.2	14.5	15.1	14.0	15.1	13.7	13.3	13.7	12.5	11.4	10.7	11.1	10.8	7.4	11
5.0	4.4	3.7	3.1	3.8	6.6	8.8	8.1	8.7	7.9	7.8	8.3	7.6	8.1	12
76	77	76	79	81	80	78	80	74	79	79	77	80	82	13
.56	.60	.62	.67	.73	.77	.76	.74	.75	.79	.83	.89	.92	.92	14
4,060	4,100	4,150	4,500	4,660	4,710	4,830	4,580	4,410	4,440	4,270	4,200	4,290	4,360	15
3,670	3,640	3,620	3,600	3,660	3,680	3,770	3,710	3,620	3,610	3,510	3,530	3,530	3,520	16
390	460	530	900	1,000	1,030	1,080	870	790	830	760	750	760	840	17
20,570	20,810	21,670	22,340	26,080	31,740	32,640	36,670	40,980	54,700	60,150	64,050	59,530	72,230	18
12,170	11,940	11,990	12,310	13,300	15,340	16,780	20,390	22,140	30,960	34,490	34,510	32,480	37,240	19
1,740	1,770	1,820	1,950	2,260	2,480	2,480	2,570	2,790	3,610	4,600	5,500	5,920	6,280	20
5,340	6,100	6,830	7,000	8,950	10,760	10,060	9,900	11,170	14,450	16,800	19,650	17,140	24,490	21
1,350	1,000	1,030	1,080	1,570	3,220	3,320	3,816	4,880	5,680	4,260	4,390	3,990	4,220	22
2,427	2,515	3,466	3,755	6,377	6,140	5,660	6,815	6,579	13,742	10,114	9,075	9,329	14,061	23
0	0	0	260	596	993	785	1,182	1,312	3,565	1,381	1,056	1,279	1,662	24
1,952	2,114	2,865	3,058	5,003	4,445	4,151	4,933	4,517	9,280	7,973	7,360	7,360	11,716	25
295	172	286	191	417	466	561	556	685	760	650	569	598	544	26
180	229	315	246	361	236	165	134	65	136	100	90	92	139	27
1,966	1,988	2,146	2,046	2,111	2,227	2,569	3,074	4,201	4,715	5,222	6,105	5,076	7,707	28
574	496	498	183	193	197	232	134	147	182	185	1,005	474	1,076	29
25	71	52	113	107	150	116	138	151	228	203	343	343	1,360	30
55	52	36	29	30	29	30	33	62	40	46	58	58	80	31
6	4	8	14	9	9	11	12	11	11	26	13	29	39	32
380	360	431	491	443	327	442	565	876	1,209	1,326	1,271	1,029	1,355	33
226	243	265	366	385	409	445	475	540	723	923	1,043	1,161	1,386	34
85	95	120	87	101	111	176	519	1,315	982	916	848	369	555	35
62	75	88	140	221	317	416	452	382	409	421	438	439	595	36
285	314	351	345	311	308	315	363	388	526	621	707	631	690	37
268	278	278	278	311	370	386	383	409	479	530	519	543	571	38
461	527	1,320	1,709	4,266	3,913	3,091	3,741	2,298	9,027	4,892	2,970	4,253	6,354	39
354	300	323	351	402	523	458	520	597	909	1,035	924	929	1,113	40
-182	176	-211	539	355	29	627	-171	1,104	-2,450	1,266	-1,114	162	2,422	41
-16	-12	24	7	-80	-211	-79	261	1,221	863	648	431	-313	-98	42
617	991	1,456	2,606	4,943	4,254	4,097	4,351	5,220	8,349	7,841	3,211	5,031	9,791	43
1,121	1,126	1,157	1,180	1,353	1,690	1,675	1,853	2,083	2,792	3,143	3,276	3,101	3,777	44
-504	-135	299	1,426	3,590	2,564	2,422	2,498	3,137	5,557	4,698	-65	1,930	6,014	45
-514	-139	308	1,358	2,992	1,913	1,718	1,699	1,925	2,909	2,326	-33	975	2,784	46
-14	-04	.08	.40	.98	.70	.64	.67	.87	1.54	1.34	-.02	.55	1.71	47
23	27	32	42	64	60	60	64	74	109	111	80	93	158	48
10	15	23	40	76	66	63	67	81	129	121	50	78	151	49
57	63	74	89	117	105	109	110	99	117	104	79	86	108	50
31	37	49	103	126	95	107	105	116	111	104	85	105	100	51
61	66	77	86	108	97	98	104	97	114	106	80	87	107	52
74	79	88	100	128	116	119	118	105	116	105	79	85	103	53
60	56	52	47	40	48	51	54	66	70	93	137	127	137	54
56	52	47	43	39	52	56	63	73	76	96	128	120	119	55
65	66	68	70	74	77	78	77	81	90	101	109	114	114	56
33	34	36	43	52	57	54	59	76	97	110	93	106	131	57
49	48	48	54	58	65	70	74	78	92	103	105	108	124	58

TABLE 28.--Cattle ranches, Intermountain region:

	ITEM	UNIT	1930	1931	1932	1933	1934	1935	1936	1937
1	Land in ranch.....	Acres	1,244	1,180	1,216	1,215	1,199	1,236	1,275	1,369
2	Cropland harvested.....	do.	191	209	203	203	192	188	186	182
3	Rangeland, pasture and miscellaneous...	do.	1,053	980	1,013	1,012	1,007	1,048	1,089	1,187
	Crops harvested:									
4	Grains.....	do.	12.4	38.4	28.0	32.5	51.6	29.7	26.0	13.9
5	Tempe hay.....	do.	75.4	69.0	71.1	68.0	60.3	62.9	68.9	72.1
6	Native hay.....	do.	102.4	91.7	102.6	100.9	78.5	94.3	89.4	94.3
7	Other crops.....	do.	.8	1.0	1.4	1.6	1.8	2.0	2.1	2.3
	Livestock on ranch, January 1:									
8	All cattle.....	Number	212.0	217.0	221.8	221.0	220.1	204.0	203.5	194.0
9	Cows and heifers, 2 years old and over.	do.	88.8	101.5	103.4	99.9	96.6	97.9	100.6	85.7
10	Chickens.....	do.	37	26	23	23	26	36	33	33
11	Horses.....	do.	13.8	15.8	15.8	16.2	16.9	18.9	17.1	15.9
12	Pigs raised.....	do.	.9	1.0	.8	.5	.8	.8	.8	.8
13	Calf crop.....	Percent	74	72	67	70	67	60	66	67
14	Tractors on ranch.....	Number	.12	.15	.16	.16	.16	.17	.20	.23
15	Total labor used.....	Hours	5,310	5,670	5,730	5,770	5,790	5,230	5,120	4,850
16	Operator and family.....	do.	5,310	5,280	5,220	5,190	5,130	5,070	5,040	4,880
17	Hired.....	do.	-	390	510	580	660	160	80	-
18	Total ranch capital, January 1.....	Dollars	33,110	27,590	24,250	19,350	19,790	22,900	24,340	26,170
19	Land and buildings.....	do.	15,310	14,220	12,070	10,240	10,360	10,640	11,190	12,370
20	Machinery and equipment.....	do.	1,550	1,560	1,480	1,370	1,310	1,250	1,260	1,330
21	Livestock.....	do.	14,360	10,010	9,630	6,610	6,420	10,010	11,100	11,690
22	Crops for sale, feed and seed.....	do.	1,690	1,800	1,070	1,130	1,700	1,000	790	780
23	Total cash receipts.....	do.	3,330	2,798	2,229	1,953	2,149	2,698	3,692	3,303
24	Crops.....	do.	-	130	46	86	192	214	71	60
25	Cattle.....	do.	3,169	2,590	2,118	1,787	1,896	2,258	3,367	2,938
26	Other livestock and livestock products.	do.	161	79	63	78	61	226	195	209
27	Other, including Government payments...	do.	-	-	-	-	-	-	59	96
28	Total cash expenditures.....	do.	1,484	1,232	1,136	1,092	1,259	1,107	1,208	1,241
29	Feed and grazing fees.....	do.	98	105	194	251	257	62	189	106
30	Livestock purchased.....	do.	279	80	56	79	106	105	35	78
31	Other livestock expense.....	do.	27	21	16	16	10	19	21	21
32	Crop expense.....	do.	8	22	4	4	39	16	10	21
33	Machinery purchased.....	do.	285	186	87	75	126	203	240	281
34	Other machinery expense.....	do.	284	311	299	308	343	311	319	302
35	Ranch buildings and fences.....	do.	74	45	23	18	32	50	61	65
36	Labor hired.....	do.	-	72	59	52	67	18	10	-
37	Taxes.....	do.	366	345	356	259	250	280	276	315
38	Other.....	do.	63	45	42	38	29	43	47	52
39	Net cash ranch income.....	do.	1,846	1,566	1,093	861	890	1,591	2,484	2,062
40	Value of perquisites.....	do.	364	309	250	231	271	292	314	325
	Change in inventory:									
41	Crops and livestock.....	do.	724	598	101	30	-1,200	-390	615	-10
42	Machinery and buildings.....	do.	7	-100	-186	-188	-132	-18	32	42
43	Net ranch income.....	do.	2,941	2,373	1,258	934	-171	1,565	3,445	2,419
44	Charge for capital.....	do.	2,183	1,822	1,600	1,278	1,218	1,364	1,393	1,484
45	Return to operator and family labor.....	do.	758	551	-342	-344	-1,389	201	2,052	935
46	Purchasing power in 1937-41 dollars....	do.	654	551	-402	-395	-1,417	201	2,052	908
47	Return per hour in current dollars....	do.	.14	.10	-.07	-.07	-.27	.04	.41	.19
	Index numbers (1947-49 = 100):									
48	Gross ranch income.....	Percent	38	32	22	19	10	23	29	31
49	Net ranch income.....	do.	34	27	15	11	-2	18	40	28
50	Net ranch production.....	do.	101	94	98	95	62	77	88	84
51	Crop yields per acre.....	do.	89	76	90	85	76	88	90	93
52	Production per hour of man labor.....	do.	91	79	82	79	51	71	83	87
53	Production per unit of input.....	do.	105	94	97	94	63	84	95	94
54	Operating expense per unit of production	do.	46	46	42	41	67	45	42	45
55	Total cost per unit of production.....	do.	54	51	41	35	56	45	41	46
56	Power and machinery, January 1.....	do.	89	90	69	85	78	73	73	75
57	Prices received for products sold.....	do.	37	27	21	18	19	31	29	35
58	Prices paid, incl. wages to hired labor	do.	61	51	43	39	45	46	49	54

Organization, production, costs and returns, 1930-51

1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	
1,520	1,595	1,662	1,720	1,735	1,703	1,697	1,713	1,698	1,623	1,613	1,610	1,658	1,665	1
181	183	186	195	194	195	195	196	191	182	181	187	182	174	2
1,339	1,412	1,476	1,525	1,541	1,508	1,502	1,517	1,507	1,441	1,432	1,423	1,476	1,491	3
10.5	31.7	11.3	8.2	15.8	20.0	13.1	15.7	11.8	12.1	12.0	15.7	13.0	14.0	4
73.7	59.8	69.8	78.7	70.6	65.7	67.6	66.8	65.7	66.2	65.8	68.7	66.0	63.0	5
94.4	89.1	102.7	105.1	104.4	106.9	111.2	110.2	110.8	100.7	100.1	100.0	100.0	95.0	6
2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	2.9	2.8	2.8	2.7	2.5	2.0	7
188.5	195.0	205.9	212.1	216.4	216.9	217.1	213.1	208.5	204.8	203.6	211.7	205.8	209.9	8
84.5	94.0	100.1	108.1	106.9	106.1	104.3	102.7	97.5	92.9	107.9	103.9	100.9	104.4	9
33	31	33	39	38	45	42	38	37	44	42	43	40	40	10
15.3	13.7	15.2	15.8	16.1	16.8	16.4	16.8	16.5	16.2	14.1	13.4	13.3	13.3	11
.7	.8	.7	.7	.9	1.0	1.3	.8	.8	1.4	1.2	1.2	1.9	1.9	12
68	69	71	69	73	74	75	72	71	79	77	72	79	81	13
.28	.31	.35	.39	.46	.48	.50	.54	.57	.59	.62	.66	.68	.69	14
4,760	4,970	4,760	5,010	5,090	5,190	5,120	5,050	4,050	4,710	4,650	5,000	4,590	4,550	15
4,760	4,950	4,760	4,740	4,560	4,410	4,230	4,050	4,050	4,020	4,050	4,080	4,080	4,020	16
	20		270	530	780	890	1,000	800	690	600	920	510	530	17
26,630	27,770	30,080	34,600	40,130	44,880	45,800	49,950	54,840	66,610	70,670	65,240	70,640	77,400	18
13,380	13,920	14,560	15,440	16,860	18,220	20,710	23,090	25,010	27,650	26,590	25,610	26,550	28,760	19
1,430	1,430	1,490	1,630	1,820	1,920	1,950	2,000	2,370	2,550	2,800	3,280	3,620	3,760	20
11,150	11,440	13,080	16,520	19,410	21,670	20,180	21,760	24,080	32,690	37,850	32,960	37,140	40,980	21
670	980	950	1,610	2,040	3,070	2,950	3,300	3,380	3,710	3,430	3,390	3,330	3,900	22
2,979	2,975	3,663	4,272	6,359	7,297	6,837	8,132	9,029	10,424	11,687	11,079	13,205	13,502	23
41	49	72	117	225	430	321	321	515	723	575	448	37	539	24
2,649	2,678	3,344	4,549	5,818	6,901	6,515	7,414	8,166	9,219	10,852	10,474	12,987	12,708	25
205	89	91	131	159	265	188	201	198	318	139	97	70	130	26
84	159	156	92	150	91	134	166	150	164	121	60	111	125	27
1,411	1,566	1,492	1,725	1,737	1,922	2,084	2,248	2,301	2,736	3,053	3,648	4,024	4,870	28
98	97	107	117	135	159	171	170	165	203	218	203	258	377	29
276	298	157	156	221	248	235	209	50	131	73	222	529	849	30
23	22	27	41	48	52	48	54	60	59	54	53	55	71	31
9	27	10	31	34	25	34	37	24	26	26	49	75	89	32
262	294	358	408	203	196	269	292	342	470	546	718	680	737	33
303	369	351	403	441	477	481	502	544	578	737	844	913	995	34
63	62	63	69	77	84	89	94	95	143	153	150	188	232	35
	3		45	122	240	332	412	363	345	375	563	352	405	36
323	340	360	372	363	343	332	368	542	661	758	744	865	998	37
54	54	59	63	93	98	95	106	116	120	113	102	109	117	38
1,568	1,409	2,171	3,047	4,615	5,375	4,753	5,884	6,728	7,688	8,634	7,431	9,161	8,632	39
313	301	307	350	467	466	544	514	591	737	905	821	875	1,055	40
537	483	320	1,105	316	-364	-257	485	-478	457	900	-1,730	-787	4,790	41
19	3	33	76	-96	-140	-79	-57	-44	-47	23	178	-16	-20	42
2,437	2,196	2,831	4,578	5,302	5,337	4,961	6,825	6,797	8,835	10,462	6,700	9,253	14,457	43
1,464	1,375	1,475	1,683	1,955	2,171	2,228	2,373	2,566	3,059	3,259	3,003	3,372	3,804	44
973	821	1,356	2,895	3,347	3,166	2,733	4,453	4,231	5,776	7,203	3,697	5,881	10,653	45
993	846	1,398	2,757	2,789	2,363	1,938	3,029	2,596	3,024	3,566	1,886	2,970	4,932	46
20	17	28	61	73	72	65	110	104	144	178	91	144	265	47
33	32	36	53	61	63	61	69	78	99	115	86	113	165	48
28	25	33	55	61	62	57	68	78	102	121	77	107	167	49
93	82	93	115	111	108	104	109	104	104	106	90	92	111	50
95	87	93	101	97	95	95	94	99	100	99	101	95	95	51
94	79	94	110	105	99	98	103	103	105	109	86	96	117	52
100	85	96	113	108	104	102	106	105	106	106	88	87	103	53
45	57	49	46	51	60	65	67	72	66	92	122	135	136	54
41	48	44	41	50	60	66	75	89	89	97	114	123	119	55
77	78	81	86	91	92	92	93	94	91	103	106	126	123	56
32	34	36	43	52	57	55	62	75	93	110	97	116	147	57
48	53	54	57	59	63	66	70	81	95	100	105	103	121	58



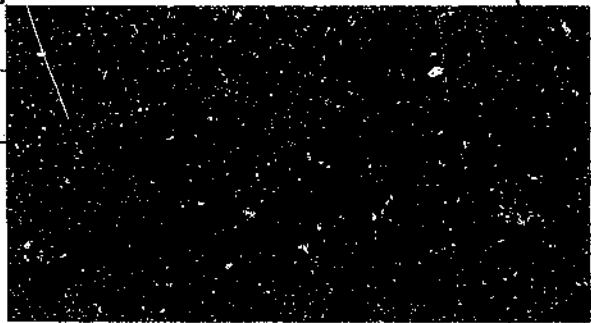
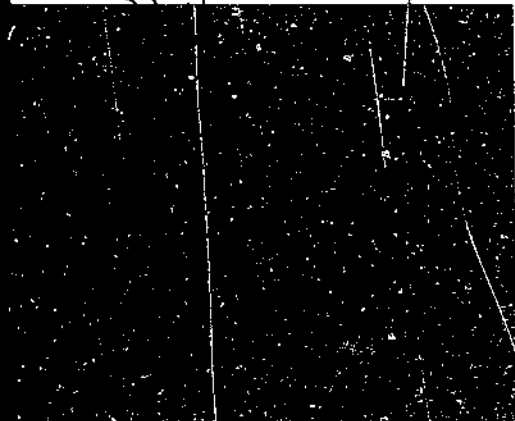
TABLE 29.--Cattle ranches, Southwest:

	ITEM	UNIT	1940	1941	1942	1943
1	Land in ranch.....	Acres	7,676	7,815	7,731	7,954
2	Cropland harvested.....	do.	18	28	21	25
3	Irrigated.....	do.	3	4	6	8
4	Nonirrigated.....	do.	15	24	15	17
5	Rangeland and pasture.....	do.	7,538	7,683	7,655	7,829
6	Other land.....	do.	120	104	105	100
7	Livestock on ranch, January 1:					
8	All cattle.....	Number	213.0	216.0	219.8	221.7
9	Cows and heifers, 2 yrs. old and over.....	do.	131.2	142.7	144.8	141.7
10	Chickens.....	do.	27	23	23	29
	Horses.....	do.	11.4	11.7	12.0	11.5
11	Pigs raised.....	do.	0.6	1.9	3.2	1.2
12	Calf crop.....	Percent	73	74	79	74
13	Tractors on ranch.....	Number	.08	.09	.10	.12
14	Operator labor used.....	Hours	4,050	4,190	4,190	4,240
15	Operator and family.....	do.	2,000	2,010	2,110	2,260
16	Hired.....	do.	2,050	2,180	2,080	1,980
17	Total ranch capital, January 1.....	Dollars	35,780	41,020	46,300	52,600
18	Land and buildings.....	do.	25,850	30,380	32,650	35,210
19	Machinery and equipment.....	do.	940	1,030	1,150	1,220
20	Livestock.....	do.	7,870	8,530	11,410	13,810
21	Crops for sale, feed and seed.....	do.	1,110	1,080	1,090	1,360
22	Total cash receipts.....	do.	3,985	5,434	7,430	6,084
23	Beef cattle.....	do.	3,646	5,171	7,018	5,885
24	Other livestock and livestock products.....	do.	65	37	231	42
25	Crops.....	do.	0	0	0	0
26	Other, including Government payments.....	do.	274	226	181	177
27	Total cash expenditures.....	do.	4,772	4,322	4,877	5,145
28	Feed and grazing fees.....	do.	1,155	1,063	1,060	1,472
29	Livestock purchased.....	do.	573	660	1,109	888
30	Other livestock expense.....	do.	25	27	30	30
31	Crop expense.....	do.	5	5	3	8
32	Machinery purchased.....	do.	167	193	159	168
33	Other machinery expense.....	do.	355	445	435	480
34	Ranch buildings and fences.....	do.	1,699	1,225	931	902
35	Labor hired.....	do.	353	218	616	632
36	Taxes.....	do.	228	256	282	302
37	Other.....	do.	219	237	252	263
38	Net cash ranch income.....	do.	-794	1,105	2,553	939
39	Value of perquisites.....	do.	451	489	520	599
40	Change in inventory:					
41	Crops and livestock.....	do.	316	111	-206	168
41	Machinery and buildings.....	do.	1,403	885	458	343
42	Net ranch income.....	do.	1,376	2,590	3,325	2,049
43	Charge for capital.....	do.	1,862	2,126	2,391	2,793
44	Return to operator and family labor.....	do.	-486	464	934	-744
45	Purchasing power in 1937-41 dollars.....	do.	-501	442	778	-555
46	Return per hour in current dollars.....	do.	-.24	.23	.44	-.33
47	Index numbers (1947-49 = 100):					
48	Gross ranch income.....	Percent	36	46	59	52
49	Net ranch income.....	do.	24	45	58	36
50	Net ranch production.....	do.	86	98	111	96
51	Crop yields per acre.....	do.	70	130	101	80
52	Production per hour of man labor.....	do.	84	92	104	90
53	Production per unit of input.....	do.	96	106	111	101
54	Operating expense per unit of production.....	do.	50	47	55	68
55	Total cost per unit of production.....	do.	45	45	51	66
56	Power and machinery, January 1.....	do.	83	85	90	91
57	Prices received for products sold.....	do.	37	46	54	54
57	Prices paid, incl. wages to hired labor.....	do.	46	51	60	70

<sup>1</sup>Data not available prior to 1940.

Organization, production, costs and returns, 1940-51<sup>1</sup>

1944	1945	1946	1947	1948	1949	1950	1951	
7,762	7,324	7,277	8,332	8,418	8,197	8,870	8,621	1
26	25	22	18	22	16	19	19	2
9	9	8	7	8	7	8	8	3
17	16	14	11	14	9	11	11	4
7,642	7,208	7,172	8,242	8,343	8,141	8,814	8,565	5
94	91	83	72	53	40	37	37	6
220.8	218.6	219.4	218.0	214.2	213.3	218.8	224.2	7
150.9	152.7	145.4	149.9	144.8	146.6	145.0	148.4	8
35	32	36	30	27	21	23	28	9
11.7	11.4	11.5	12.1	11.1	10.2	10.9	9.7	10
2.8	3.1	1.4	3.1	4.0	2.7	3.0	3.7	11
71	79	73	72	75	78	79	76	12
.12	.13	.16	.19	.26	.29	.33	.41	13
4,350	4,070	4,060	4,040	3,930	3,880	3,920	3,940	14
2,360	2,490	2,460	2,480	2,460	2,450	2,390	2,420	15
1,990	1,580	1,600	1,560	1,470	1,430	1,530	1,520	16
54,870	54,160	63,670	83,520	100,250	108,950	117,860	134,190	17
38,890	37,980	45,950	62,070	73,200	78,050	86,480	91,780	18
1,260	1,300	1,390	1,640	1,960	2,330	2,670	2,850	19
12,930	13,280	14,440	17,850	22,880	26,590	26,480	37,010	20
1,790	1,600	1,890	1,960	2,210	1,980	2,230	2,550	21
6,050	7,528	8,798	11,493	13,409	11,923	15,294	18,247	22
5,883	7,144	8,478	11,040	12,995	11,627	14,860	17,730	23
115	95	69	262	289	157	152	77	24
57	79	25	14	99	0	116	276	25
204	208	226	177	105	139	158	154	26
5,456	6,101	7,566	7,778	7,780	7,267	7,883	11,266	27
1,401	1,883	2,417	2,587	2,575	1,979	2,462	4,432	28
883	1,078	1,664	1,396	1,485	1,309	1,693	2,416	29
32	35	32	40	44	58	67	82	30
7	11	10	10	12	6	6	7	31
205	257	347	464	632	563	574	892	32
516	546	564	626	680	707	763	815	33
1,083	1,136	1,230	1,167	694	1,009	1,232	967	34
750	608	640	643	713	661	711	795	35
307	306	352	480	532	595	570	545	36
272	261	310	365	409	380	405	435	37
603	1,427	1,232	3,716	5,629	4,656	7,411	6,981	38
570	579	637	728	768	772	757	952	39
-92	-121	-8	-674	-23	1,008	587	987	40
460	449	563	370	-56	200	428	313	41
1,541	2,334	2,424	4,140	6,318	6,636	9,183	9,233	42
2,872	2,827	3,328	4,283	5,082	5,460	5,948	7,041	43
-1,331	-493	-904	-143	1,236	1,176	3,235	2,192	44
-944	-335	-555	-75	612	600	1,634	1,015	45
-.56	-.20	-.37	-.06	.50	.48	1.35	.91	46
50	61	72	88	108	104	127	154	47
27	41	43	73	111	116	161	162	48
102	107	98	95	96	109	104	97	49
107	82	95	87	98	115	100	96	50
93	104	95	92	97	111	105	97	51
105	111	103	96	97	107	100	95	52
71	72	92	101	109	90	103	141	53
69	68	83	96	108	96	110	136	54
91	90	92	93	99	108	112	114	55
50	56	69	88	112	100	132	152	56
77	80	89	97	105	98	108	127	57



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**END**