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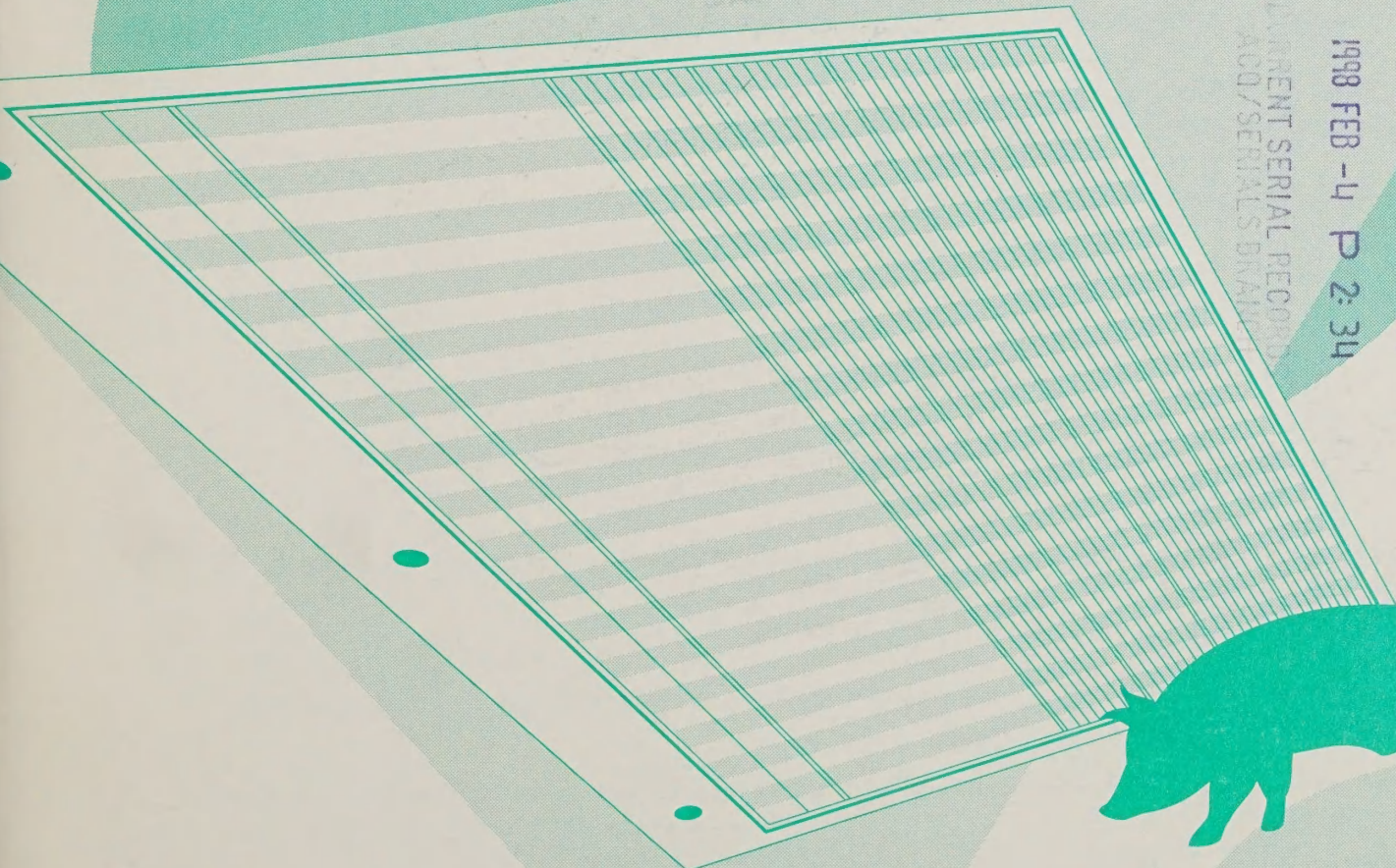
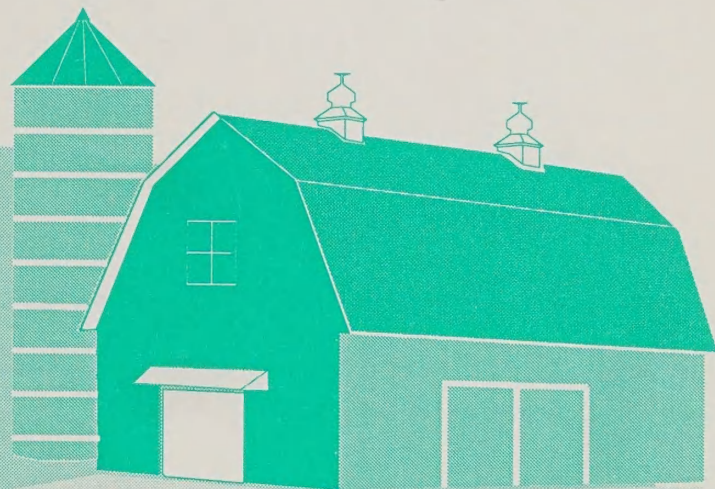
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Abstract

Final estimates put U.S. net farm income for 1994 at \$46.7 billion, up 11 percent (\$4.7 billion) from the previous year. At the same time, farm debt reached nearly \$147 billion, its highest level since 1986. Those are some highlights from this omnibus economic report, which combines three reports from ERS' Economic Indicators of the Farm Sector series that were previously published separately: National Financial Summary, State Financial Summary, and Costs of Production—Major Field Crops, & Livestock and Dairy.

Keywords: Net farm income, net cash income, production expenses, cash receipts, government payments, farm assets, debt, equity, costs of production, enterprise costs and returns

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Preface

This new *Farm Business Economics Report* combines the information formerly published in three separate documents of the *Economic Indicators of the Farm Sector* series: (1) National Financial Summary, (2) State Financial Summary, and (3) Costs of Production—Major Field Crops, & Livestock and Dairy. Part I of this publication covers national- and state-level farm income and financial balance sheet numbers, which have been reported separately in previous years. Part II provides the cost of production estimates for major crops and livestock.

This publication was prepared jointly by the Farm Business Economics Branch's Farm Income Team and Cost of Production Team. The Farm Business Economics Branch is part of the Rural Economy Division, one of five divisions within the Economic Research Service dedicated to providing the public with timely analysis and information on the economics of the agricultural and rural sectors.

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Both Net Farm Income and Farm Debt Rose in 1994

Final estimates put U.S. net farm income for 1994 at \$46.7 billion, up 11 percent (\$4.7 billion) from the previous year. At the same time, farm debt reached nearly \$147 billion, its highest level since 1986. Those are some highlights from this omnibus economic report, which combines three reports from ERS' *Economic Indicators of the Farm Sector* series that were previously published separately: National Financial Summary, State Financial Summary, and Costs of Production—Major Field Crops, & Livestock and Dairy.

In 1994, economic gains from record crop production and a rise in the value of farmer inventories were offset by lower commodity prices, a reduction in government payments, and a rise in cash expenses.

Near-perfect growing conditions throughout the 1994 cropping season led to production increases that amounted to \$2.5 billion in additional commodity sales.

However, direct government payments were the smallest in a decade (\$7.8 billion, down \$5.5 billion from the previous year), and cash expenses rose \$5.4 billion to \$167 billion, led by high feed prices and an increase in spending on fertilizer. Consequently, net cash income (excludes inventory change) decreased \$8.3 billion to \$49.7-billion.

The key factor offsetting the lower government payments and higher cash expenses was rising commodity inventories. Farmers delayed sales of substantial portions of 1994 production into 1995 on the expectation that prices would rise after the usual lower prices during the harvest period. With corn, cattle, soybeans and cotton leading the way, inventory values rose \$8.7 billion in 1994.

Total farm debt rose almost \$5 billion during 1994 to almost \$147 billion. At the same time, farmers' borrowing increased despite less net cash income to use in repaying the loans. Even so, the growth in farm borrowing does not appear to place an unmanageable burden on the sector's ability to repay. Compared with the mid-1980s, farm sector investments have become profitable again, and farm debt as a percentage of farm assets has declined from 23 percent in 1985 to 15.7 percent in 1994.

California led all States in net farm income for 1994 with \$5.1 billion, followed by North Carolina (\$2.9 billion), Iowa (\$2.8 billion), Nebraska (\$2.3 billion), Florida (\$2.3 billion), and Georgia (\$2.1 billion). California also became the first State ever to reach the \$20 billion cash receipts mark.

Texas was the top State in value of farm assets (\$82.1 billion), California had the most farm debt (\$14.1 billion), and Texas the greatest farm equity (\$72.2 billion).

Prices for 1994 production inputs rose an average 2.9 percent over 1993. The greatest price increase was for fertilizer at 9.3 percent, cash rents rose an average 8 percent, and machinery prices rose an average 3.8 percent.

Livestock operations were most affected by an average 6.1-percent rise in feed prices. Fuel prices were down 8.7 percent. However, oil-based insecticides and herbicides did not see an accompanying price drop.

Cash costs of production for major crops and milk rose along with input prices, while costs for cow-calf and hog production fell.

Part I
Farm Income and Farm Financial
Balance Sheet

Net Farm Income and Net Value Added Higher in 1994

Net farm income grew 11 percent in 1994, the result of a record crop harvest. While the bountiful harvests boosted net farm income, farmers' decisions on the timing of sales resulted in a record addition to inventories at the year's end. Net farm income is a broad measure of earnings from farm production activities, which includes noncash income from commodities produced but not yet sold (additions to inventories) and commodities consumed on the farm. At the same time, net cash income earned by the farm sector was less in 1994 than in 1993. The fall in net cash income reflected the combined effects of sharply lower harvest prices and farmers postponing sales into the next year hoping for a rebound in commodity prices. Net cash income is based exclusively upon cash receipts and cash expenses. Postponement of sales, lower government payments, and increased cash expenses accounted for the decline in 1994 net cash income.

Net Farm Income Higher in 1994

Net farm income in 1994 was \$46.7 billion, up \$4.7 billion from 1993 (fig. 1-1 and table 1-1). Total farm production in 1994 reached record levels, rebounding from the weather-induced crop damage of 1993. The economic impact of the substantial increases in 1994 production was partially offset by lower prices at harvest. Strong exports contributed to domestic farm income in 1994. The value of 1994 agricultural exports reached a record high, paced by solid growth in the sales of high-valued products such as meat, fruits, and vegetables. Even though the quantity of bulk commodity exports declined, higher prices during the first half of 1994 raised the export value.

Gross farm income reached a record \$213.5 billion in 1994 (compared with \$203.0 billion in 1993). The \$4.5-billion expansion in cash receipts from bumper crops was partially offset by a \$1.9-billion decline in livestock receipts. For the second time in the 1990's, total cash receipts from crops exceeded livestock receipts, this time by a substantial margin (fig. 1-2).

Net Cash Income Lower

Unlike the record 1994 gross farm income, gross cash income at \$196.7 billion was \$2.9 billion lower than in

1993. A net increase in total cash receipts ("farm marketings" in table 1-1) of \$2.5 billion was, in turn, more than offset by a \$5.5-billion reduction in direct government payments. Government payments for 1994 were the lowest since 1985 (fig. 1-4). The impact of the reduction in cash receipts was reinforced by a \$5.4-billion rise in cash expenses. As a consequence, net cash income in 1994 decreased by \$8.3 billion to \$49.8 billion, a 14-percent drop (fig. 1-3). This places 1994 net cash income at slightly below the 1991 figure, previously the lowest in the 1990's. Net cash income moved in the opposite direction from net farm income, despite the favorable harvest, because farmers chose to hold substantial inventories from 1994 production, government payments were lower, and cash expenses increased.

Farm Inventories Reached Record Highs in 1994

An \$8.7-billion rise in the value of inventories of commodities held by farmers accounted for much of the difference between the rise in gross farm income (which includes inventories) and the decline in gross cash income (which excludes inventories).

The value of the increase in inventories in 1994 was exceptionally high. The inventory buildup reflects the rebuilding of crop inventories drawn down following the short crops in 1993. Because of the larger 1994 production, farmers received lower prices for what they sold in the latter months of 1994. Consequently, farmers delayed sales of a substantial portion of their production into 1995 on the expectation that prices would rise following the market lows associated with the harvest period. Rising livestock numbers added to the total inventories held at year's end.

Corn accounted for \$4.2 billion of the rise in farmer-held inventories, a function of its importance as the Nation's highest valued crop and its sensitivity to weather conditions, which were near ideal in 1994. Inventories of cattle, soybeans, and cotton each rose about \$1.3 billion. Cattle and calves rank as the Nation's leading farm-produced commodity, and soybeans are second only to corn in sales among crops.

Production Expenses Up 3.6 Percent

Production expenses in 1994 were \$166.7 billion, up \$5.8 billion from 1993. The 3.6-percent increase in 1994 was less than the 5.5-percent growth registered between 1992 and 1993. After remaining nearly stable in 1990-92, the increase in total production expenses rose 9.3 percent in 1993 and 1994 combined (fig. 1-5).

The largest increase in any single expense item was a \$1.2-billion rise in feed purchased. Higher feed expenses resulted from greater numbers of cattle, hogs, and poultry on feed, larger quantities of grain and concentrates being fed to milk cows, and higher prices for livestock feed for most of the year. The higher feed prices were due to reduced grain and oilseed harvests in 1993. ERS's estimate of both the grain-consuming animal units index (GCAU is an aggregate measure of feed requirements across all livestock types) and quantity of concentrates fed was up around 1.5 percent for 1994. Livestock feed prices recorded in January, April, and July 1994 averaged 9 percent higher than for the previous year. During the first three quarters of 1994, feed manufacturers and livestock feeders depended on the smaller 1993 harvest for basic ingredients. By October 1994, feed prices had fallen to 4 percent below the previous October, as the larger 1994 harvest expanded the supply of feed and concentrate inputs.

Expenditures for fertilizer increased \$781 million (9.3 percent) in 1994. Prices, rather than expanded quantities purchased, appear to be the major reason for the growth. Fertilizer prices rose steadily during the year. In each of the three quarters from October 1993 to July 1994, fertilizer prices increased 4 to 5 percent. In October 1994, prices stood 16 percent higher than a year earlier. Despite the increase in planted acreage in 1994, fertilizer sales were up only one-half percent in the first half of 1994 compared with the previous year. Two factors may have held down purchases. First, operators appear to have begun stocking up on fertilizer in 1993, anticipating higher nutrient prices and increased plantings in 1994. Second, estimates of quantities purchased during the second half of 1994 were much lower than in 1993. Despite favorable fall weather conditions, higher fertilizer prices and lower prospective plantings in 1995 likely reduced expenditures. The total quantity purchased in 1994 may prove to have been less than during 1993.

Pesticide expenditures rose \$500 million, up 7.4 percent from 1993. Pesticide prices rose 4.7 percent during the year. Estimated pesticide quantities applied were up 7

percent. Increased acreage of corn, cotton, and soybeans accounted for most of the increased pesticide use.

Seed purchases rose more than \$200 million, or 4.1 percent. However, the 1994 increase was smaller than the change between 1992 and 1993.

Changes in Accounting Methods

Insurance payments received by farmers for losses incurred were previously deducted from premiums paid by farmers. These payments were not treated as income, but as a reimbursement of a portion of operating expenses and funds necessary to make the farmers' capital stock whole. The net balance of the premiums, which has always exceeded benefits received for the sector as a whole, was accounted for as a production expense. In future years, farmers will come under increasing pressure to substitute purchased insurance plans for government programs in coping with production risks. Therefore, insurance payments received by farmers will take on additional importance in any evaluation of the farm sector's economic situation. Henceforth, insurance payments received by farmers will be included as a component of gross farm income under the "other farm-related income" category and total premiums paid will be included in expenses. Adjustments to the accounts will be made back to 1987. The adjustment will not affect net farm income.

Electricity was listed separately as a manufactured input prior to 1994, and other utilities were grouped under "other miscellaneous expenses." Because expenditures for electricity were collected in combination with all other utility expenses in the 1994 Farm Costs and Returns Survey, a separation was not feasible. Beginning with tables published in 1994, all utilities, including electricity, are included under "other miscellaneous expenses." The change will have no effect on net farm income.

Revision to Forestry Sales

Forest product sales from farmland are included in "other farm-related income." Data collected in some States combine forest product sales on land owned by nonoperator landowners with sales on land owned by operators. Because net farm income should only include income accruing to operators, sales from land owned by nonoperator landowners will now be credited to them in the net rent account. (Net rent is rent paid to landlords less any expenses paid by landlords.) For 1994, adjustments totaling \$1.9 billion were made in 18 States, with 3 States accounting for 62 percent of the total. Smaller revisions were made back to 1987. Sales of Christmas trees are included in cash receipts and are not affected by this change. The change does lower net farm income to operators but does not affect the sector's value-added, as the income is shifted to the landlords' account.

In response to the overall increase in production, expenses for marketing, storage, and transportation were up \$1.1 billion (19 percent). The largest percentage increase was in transportation expenses, which rose 27 percent (\$440 million). Total miscellaneous expenses were up \$1.5 billion (8 percent), reflecting increased expenditures for supplies used in production (25 percent) and insurance premiums (13 percent), and smaller increases in other components.

Total interest payments on farm business loans were \$857 million higher in 1994 than in 1993, marking the first increase in interest expenses since 1982. Farm business debt has been rising since its low point in 1989, but lower interest rates have kept interest expenses from rising. In 1994, both debt and interest rates rose. The series of increases made by the Federal Reserve Board in the Federal Funds rate beginning in February were a principal factor in increasing agricultural loan costs. However, the impact of the increasing interest rates on farmers was mitigated by a couple of factors. Many production loans were negotiated before the Board took actions to increase economywide interest rates, and the rates charged on agricultural loans typically lag the changes exhibited in the economy as a whole.

Nonreal estate debt rose 4.8 percent, as operators took out more loans to finance increased production during the year. The average 1994 short-term rate for agricultural loans was estimated to be 8.91 percent compared with 8.29 percent in 1993. The rising debt and higher rates produced a \$619 million (11.6-percent) increase in nonreal estate interest expenses.

Real estate interest rose \$238 million (4.3 percent), as real estate debt increased 2.8 percent and average longer term rates rose from an estimated 7.75 percent in 1993 to 7.97 percent in 1994. Average interest rates (sectorwide interest paid divided by the outstanding loan value) should not be confused with the rates charged on new loans, which may be more reflective of interest rate changes in the economy as a whole.

Costs for labor and property taxes also rose by at least \$300 million each. Both hired and contract labor expenses were up 2 percent in 1994. The number of hired workers times hours worked from the quarterly Farm Labor Survey was nearly unchanged from 1993. Average wage rates rose nearly 3 percent.

Property taxes, of which real estate taxes constitute nearly 90 percent, have been rising slowly but steadily

since 1983 in response to appreciating land values. Taxes do not react immediately to changes in land values because they also depend on legislative actions and the timing of assessments. However, when a pattern of increases in land values emerges, real estate taxes will respond similarly over time.

Net rent to nonoperator landlords (cash rent, share rent, and government payments less landlords' expenses) was virtually unchanged from 1993, despite an increase of 16.5 percent in share rent income. In fact, net rent to nonoperator landowners, exclusive of forest products receipts, was down around 1 percent. Offsetting the increase in share rent was a 40-percent drop in government payments received by landlords, which mirrored the decline in total government payments. Cash rents also fell around 5 percent. Expenses paid by landlords were up negligibly as declines in seeds, fertilizer, pesticides, and property taxes offset increases in other expenditures.

The most conspicuous decrease in production expenses was the \$1.4-billion (9.1-percent) drop in livestock and poultry purchased. Although production of cattle and calves increased in 1994, interstate sales, which constitute 80 percent of the total expense, fell \$1.4 billion (11.7 percent). The number of cattle and calves sold across State lines fell only 3 percent, which, combined with a slight increase in average liveweights, resulted in a 2.5-percent decrease in total liveweight. The average price received from intermediate sales declined over 9 percent, following the drop in prices received for finished cattle.

Agricultural Sector's Net Value Added Rose

Production agriculture's net value added rose by \$5.8 billion (7.5 percent) in 1994 (fig. 1-6 and table 1-2). The sector's strong economic performance reflected a \$17.3-billion (21.2 percent) increase in the value of crop output. Most crop producers benefited from near perfect growing conditions throughout the 1994 cropping season. Higher expenditures for intermediate consumption outlays (up \$4.3 billion) and a significant decline in net government transactions (down \$5.8 billion) partially offset the gains achieved from the jump in crop production. Government payments rose sharply in 1993 to help farmers recover from the effects of flooding along the upper Mississippi River and its major tributaries and from drought in the Southeast.

All contributors to the sector's business activities—farm operators, their credit suppliers, hired labor, and

landlords—shared in the expansion of net value added. The bulk of the gains accrued to farm operators whose earnings translated into an 11.1-percent rise in sector net farm income. Because they assume a large share of the risks of production, operators experience most of the short-term fluctuations (losses as well as gains) in value of production due to temporary, unanticipated market and meteorological conditions. Earnings paid out to providers of nonequity capital (lenders) were up 7.9 percent, and employee compensation rose 2.1 percent.

Commodity Highlights

Cattle Herd Expanding. Cattle and calves rank first as a source of cash receipts for the U.S. farm sector (table 1-3), and the herd of beef-type cattle expanded, fueled by the profitability of cow-calf operations in the years prior to 1994. Adequate forage supplies also supported herd growth. The number of cattle and calves on farms on December 31, 1994, was 103.3 million head, up 2 percent in 12 months and 8 percent larger than the cyclical low recorded 5 years earlier. The significance of the 1994 increase is that it represents the largest gain recorded in over a decade, suggesting that beef production will continue to expand in the near term. The increased production in 1994 reflects the current state of the beef production cycle, as fed cattle prices have been generally lower since early 1993 (figs. 1-7 and 1-8).

Hog Production Changing. The inventory of hogs on U.S. farms as of December 1, 1994, was the highest since 1980 and up 3 percent from 1993. Hog prices suffered an unusually large seasonal decline in the fall of 1994 as year-over-year gains in pork production widened. Farrowings were high throughout the year, causing a plunge in hog prices (fig. 1-9) and heavy operating losses in the latter half of the year. The number of sows farrowing continued to rise in a few States, led by North Carolina, even in the fall months.

Production of beef and poultry, which compete with pork for consumers' food dollars, also gained substantially. Poultry production has risen continuously for nearly two decades. Rising supplies in the face of static demand kept livestock prices under pressure for most of the year. Lower feed prices in the last quarter of the year helped mitigate the effects of lower prices received by farmers. Reflecting these lower prices and the initial effects of the North American Free Trade Agreement (NAFTA), fresh and frozen pork exports to Mexico rose 72 percent and those to Canada rose 27 percent.

An increasing share of hog production is under contract for an integrator company, similar to broiler production. The advantages of contract production evolve from the contractual division of responsibilities between the integrator and grower. Typical contracting arrangements shift production risks (weather, disease epidemic) and price risks (both feed and hog prices) to the integrator. Typical contracts under which the integrator provides the feed and removes the animals from the farm make no mention of feed prices or animal prices; thus, the grower is protected from price risks. Growers provide specialized facilities, labor, and management and are paid in accordance with their efficiency in converting feed into meat. Once the significant costs of buildings are covered, production under contract enables producers to earn income with relatively little investment of working capital. In return for assuming much of the production and price risks, the integrator sets the standards with regard to breed of animal, feed content, weight, and delivery schedule. As a consequence, integrators benefit from the assurance of a stable, controlled supply of animals possessing specific attributes.

The changing economics of producing, processing, and marketing hogs are resulting in larger operations concentrated in a few States. Ongoing structural adjustments in the pork industry are leading to larger operations nationwide, but operations in a few States are growing far faster than the national average. Integrators locate feed and/or processing plants based on a much broader set of criteria than an independent hog producer would consider. Once the facility is constructed and becomes a fixed cost, the market price of live animals is but one of many factors to be considered in setting production levels. As a consequence, production under contract may not drop in response to temporary price declines. Thus, the brunt of the market forces leading to shortrun adjustments equating supply and demand may fall more heavily upon independent producers.

The trend toward producing hogs under contract may explain the continued rise in national hog production in 1994 despite declining prices (figs. 1-7 and 1-9). Contractors with large investments in plants and facilities have other factors to consider, such as fixed overhead expenses, causing them to maintain contracts to support the capacity of their existing plants. Or they may even expand contract production to supply new facilities that are coming on line as a consequence of investment decisions made several years earlier.

Field Crops Reach Record in 1994. In 1994, weather conditions were uniformly ideal for crop production nationwide. As a consequence, production of field crops not normally produced under irrigation were record large, even compared with 1992, when weather conditions had also been nearly perfect. Production of corn and soybeans, the Nation's first and second most important field crops, both increased significantly in 1994 (fig. 1-10). The potential economic gains from the bumper harvest of these commodities was partially offset by lower harvest prices in 1994. The prices for both commodities had risen following the poor harvest in 1993, but declined again in mid-1994 as indications of the year's excellent harvest began to evolve (figs. 1-11 and 1-12). Even with the decline in harvest prices, the 1994 value of these basic crops exceeded the previous 2 years by at least 10 percent.

Upland cotton producers not only accomplished record production in 1994, but many had the good fortune to sell their product at historically high prices. Producers continued to expand acreage, but the jump in production was mainly the product of high yields due to the favorable weather. The surge in farm prices for cotton was due to heated export demand, as several other producing countries experienced severe production problems.

Farmers in the Southeastern and Delta States have moved rapidly to expand production in recent years to take advantage of the rebound in profitability of a crop that historically had been the backbone of the region's agricultural economy. The resurgence of yields attributable to the success of the boll weevil eradication program restored the profitability of upland cotton, while the recent rise in market prices has brought a degree of prosperity to producers not seen since the initial infestation of the boll weevil. Cotton ranks fourth among U.S. crops as a source of farm sector cash receipts.

Cropping Season Favorable for Expanded Vegetable Production. Weather in 1994 was favorable in most vegetable-growing areas, enabling growers to realize higher yields and to expand their harvested

acreage (up 6 percent from 1993 to 1994, following a 3-percent decline from 1992 to 1993). Increased vegetable production and marketings caused prices for most vegetables to decline. However, most growers saw their cash receipts rise because increased marketings more than offset lower prices.

In 1994, \$7.30 of each \$100 of agricultural cash receipts came from vegetables, up 60 cents from 1990. Among the large number of vegetables produced in the United States, potatoes and tomatoes account for the largest share of cash receipts. Potatoes accounted for \$1.39 of the \$7.30 in vegetable cash receipts, while tomatoes accounted for over \$1.00 (14 percent).

Greenhouse and Nursery Sales Rising Rapidly. In 1994, greenhouse and nursery products were ranked sixth among agricultural commodities, as measured by their contribution to cash receipts. Sales of greenhouse and nursery products equaled \$10 billion in 1994, up 4 percent from 1993. Greenhouse and nursery production is one of the fastest growing commodity groups in agriculture and has risen steadily for more than three decades. U.S. greenhouse and nursery cash receipts have increased by 85 percent since 1985.

Flowers and plants are luxury items, and sales are linked to a country's gross domestic product (GDP). Because the United States has a high per capita income and the world's largest GDP, it is the largest national market for cut flowers and plants. The United States is also the largest market for outdoor landscaping flowers and plants, including trees, shrubs, ground covers, sod or turf grass, bedding, and garden plants. In addition to homeowners, businesses and governments are buying more flowers, plants, trees, and shrubs to beautify parks, highways, office buildings, hotels, and restaurants, contributing to the growth in greenhouse and nursery cash receipts.

The 1993 USDA Farm Costs and Returns Survey (FCRS) indicated that floriculture and environmental horticulture enterprises had an average net farm income of \$22,433, more than twice the \$10,918 average for all U.S. farms.

Figure 1-1
Net farm income, 1990-94

Net farm income increased in 1994

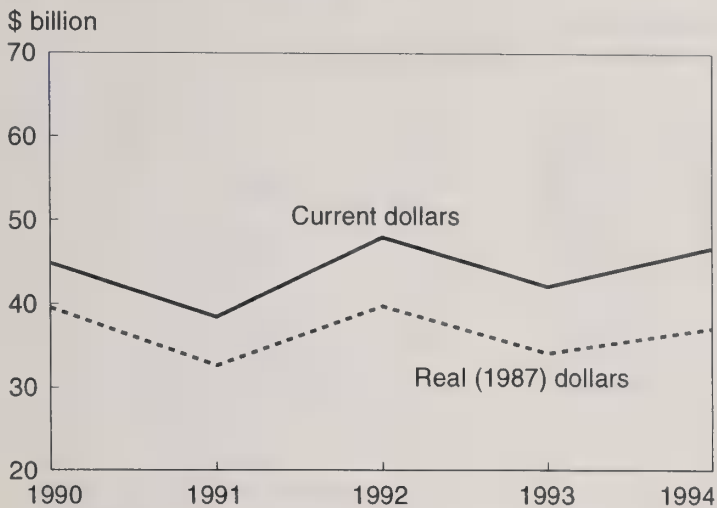


Figure 1-2
Cash receipts, 1990-94

Cash receipts from crops exceeded livestock in 1994

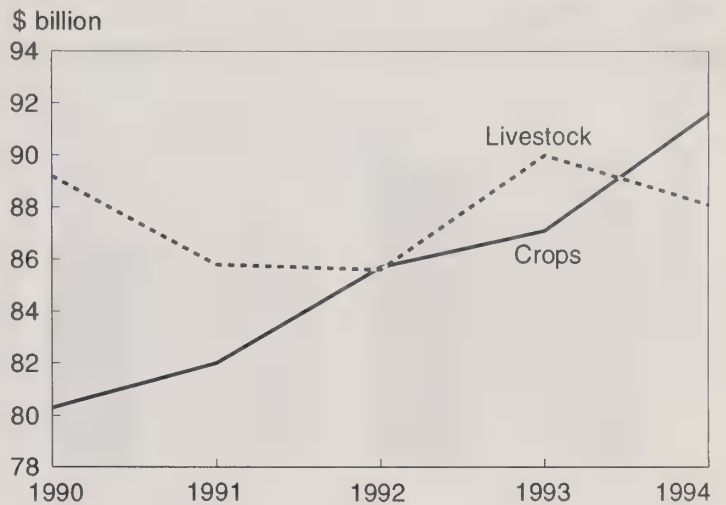


Figure 1-3
Net cash income, 1990-94

Net cash income declined in 1994

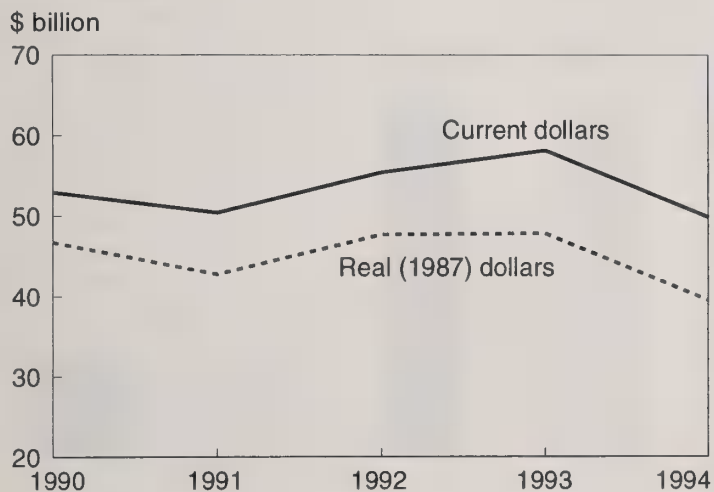


Figure 1-4
Sources of gross cash income, 1990-94

Crops up; government payments down

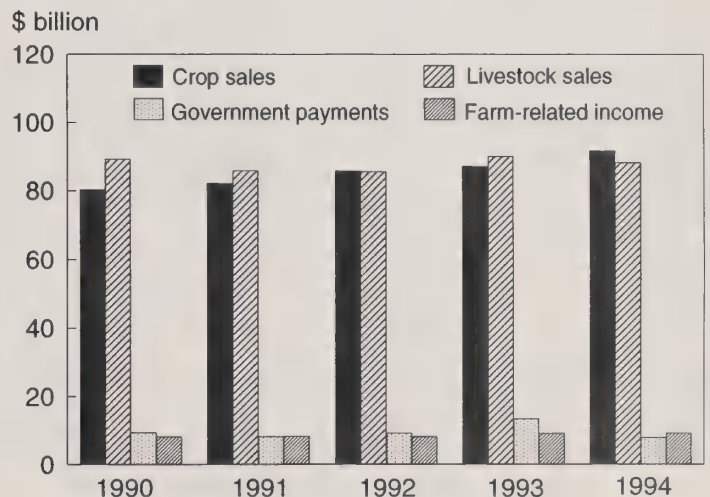


Figure 1-5
Gross farm income, expenses, and net farm income, 1990-94

Gross farm income, expenses, and net farm income all higher than in 1993

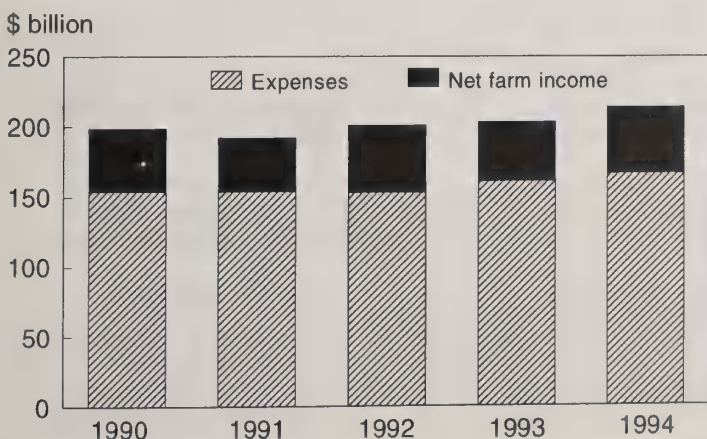


Figure 1-6
Value added to production, 1990-94

Value added by farm sector increased in 1994

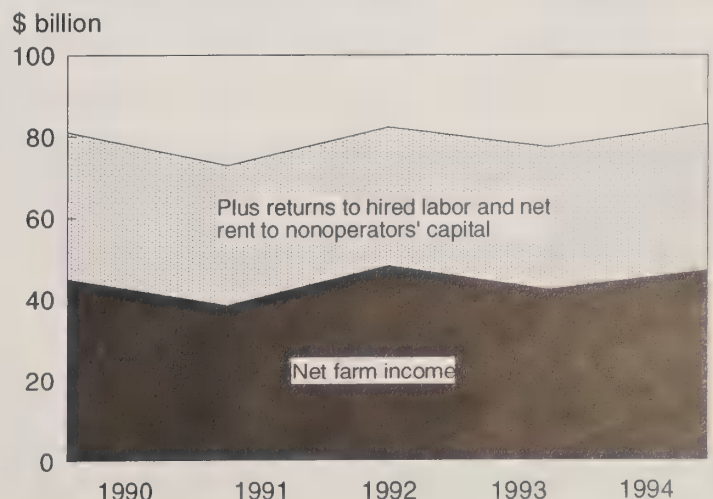


Figure 1-7

Beef and pork production, 1992-94

Beef and pork production rose in 1994, despite falling prices

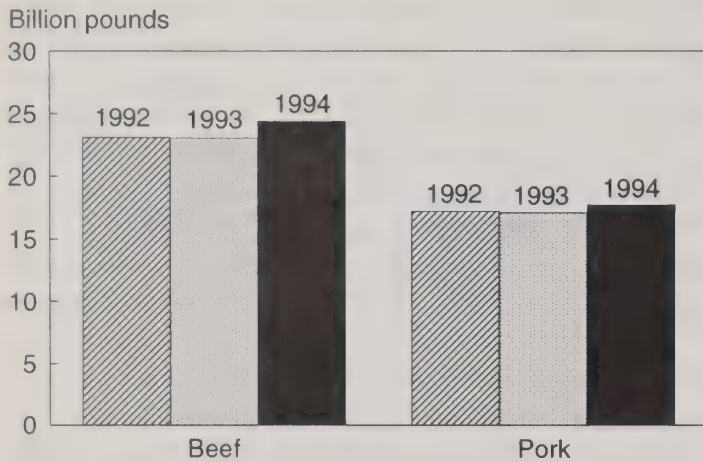


Figure 1-8

Monthly beef prices, 1993 and 1994

Beef prices lower since early 1993

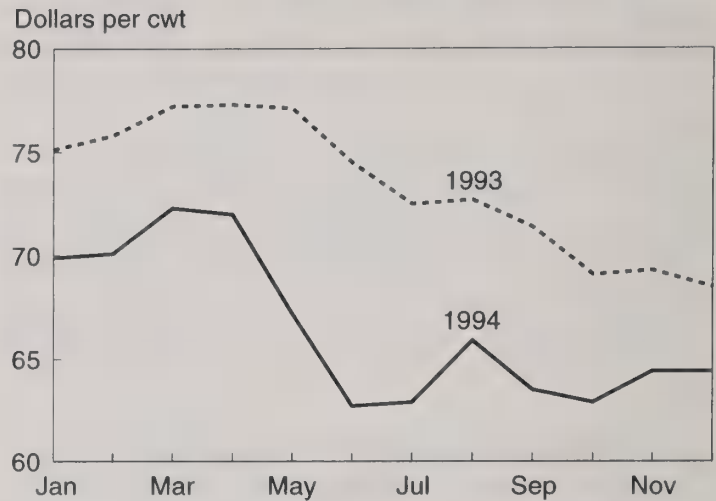


Figure 1-9

Monthly hog prices, 1993 and 1994

Hog prices declined rapidly in late 1994

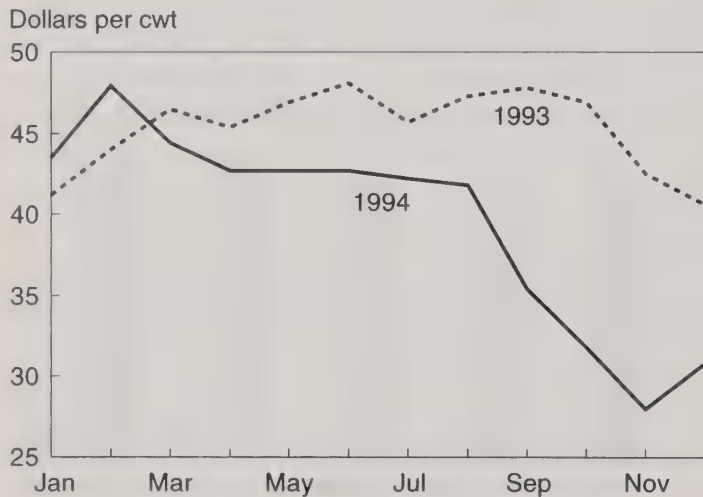


Figure 1-10

Corn and soybean production, 1992-94

Corn and soybean production up in 1994

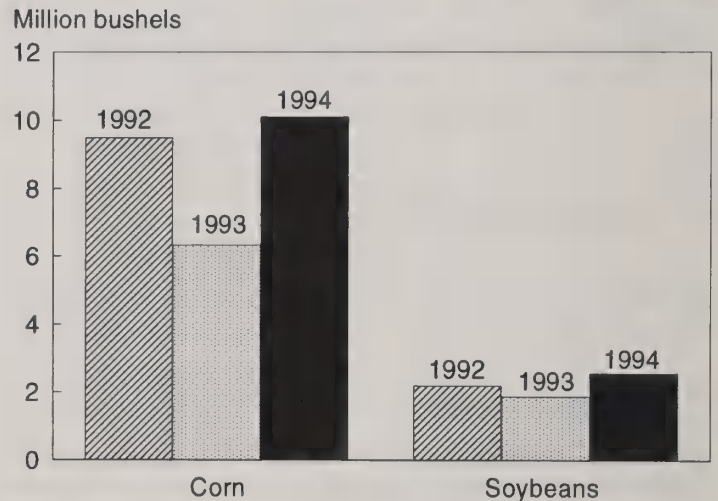


Figure 1-11

Monthly corn prices, 1993 and 1994

Corn prices rose with poor 1993 harvest; fell with large 1994 crop

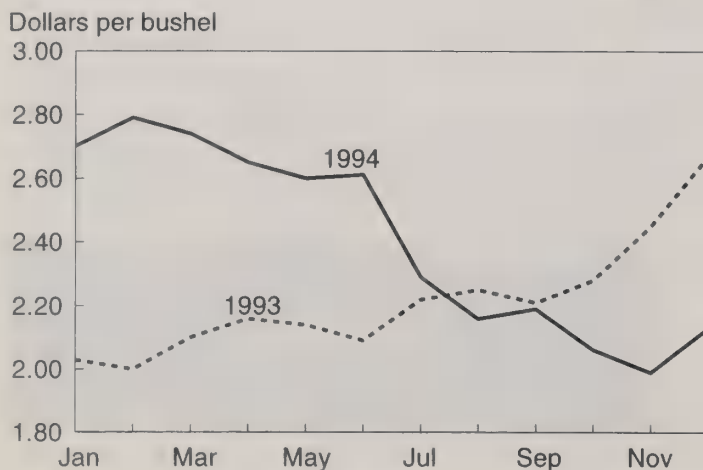


Figure 1-12

Monthly soybean prices, 1993 and 1994

Soybean prices reflect small 1993 crop and large 1994 harvest

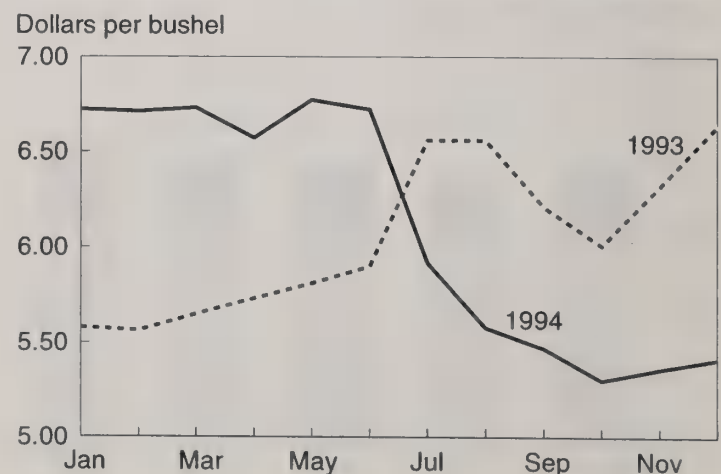


Table 1-1—United States: Farm income indicators, 1990-94

Item	1990	1991	1992	1993	1994	Change, 1993-94	
						Value	Percentage
-----Million dollars-----						<i>Billion dollars</i>	<i>Percent</i>
Gross farm income	198,508.2	191,778.9	200,511.1	202,968.8	213,471.4	10.5	5.2
Gross cash income	186,981.7	184,250.1	188,602.1	199,622.3	196,704.1	(2.9)	(1.5)
Farm marketings	169,448.7	167,750.6	171,257.7	177,137.4	179,668.7	2.5	1.4
Crops	80,255.6	82,000.6	85,662.0	87,101.8	91,561.6	4.5	5.1
Livestock and products	89,193.1	85,750.0	85,595.7	90,035.5	88,107.1	(1.9)	(2.1)
Government payments	9,298.0	8,214.4	9,168.9	13,402.0	7,881.0	(5.5)	(41.2)
Farm-related income	8,234.9	8,285.1	8,175.5	9,083.0	9,154.4	0.1	0.8
Noncash income	8,045.0	7,735.8	7,753.5	7,858.4	8,101.7	0.2	3.1
Value of home consumption	706.0	619.8	589.5	519.4	482.2	(0.0)	(7.2)
Rental value of dwellings	7,339.0	7,116.0	7,164.0	7,339.0	7,619.6	0.3	3.8
Operator and other dwellings ¹	6,829.0	6,564.2	6,673.7	6,906.9	7,177.8	0.3	3.9
Hired laborer dwellings	510.0	551.8	490.3	432.1	441.8	0.0	2.2
Value of inventory adjustment	3,481.5	-207.1	4,155.5	(4,511.9)	8,665.5		
Total production expenses	153,712.2	153,428.3	152,574.2	160,908.0	166,741.3	5.8	3.6
Intermediate product expenses	91,930.1	93,512.1	92,327.3	99,364.9	103,615.8	4.3	4.3
Farm origin	39,780.4	38,892.4	38,938.5	41,551.1	41,604.2	0.1	0.1
Feed purchased	20,387.4	19,330.7	20,131.8	21,433.7	22,633.2	1.2	5.6
Livestock and poultry purchased	14,875.2	14,448.5	13,894.4	14,955.3	13,598.5	(1.4)	(9.1)
Seed purchased	4,517.8	5,113.3	4,912.3	5,162.1	5,372.5	0.2	4.1
Manufactured inputs	19,359.3	20,593.5	20,099.9	20,465.9	21,720.9	1.3	6.1
Fertilizer and lime	8,207.7	8,667.1	8,332.6	8,397.6	9,178.7	0.8	9.3
Pesticides	5,361.9	6,319.0	6,468.8	6,718.5	7,218.8	0.5	7.4
Fuel and oil	5,789.7	5,607.5	5,298.4	5,349.8	5,323.3	(0.0)	(0.5)
Other	32,790.4	34,026.1	33,288.9	37,347.8	40,290.7	2.9	7.9
Repair and maintenance	8,552.3	8,629.7	8,468.4	9,155.3	9,186.9	0.0	0.3
Other miscellaneous	24,238.1	25,396.5	24,820.5	28,192.5	31,103.7	2.9	10.3
Interest ¹	3,395.5	12,087.7	11,167.2	10,838.6	11,695.8	0.9	7.9
Real estate	6,739.5	5,963.3	5,772.2	5,504.1	5,742.5	0.2	4.3
Nonreal estate	6,656.0	6,124.4	5,395.0	5,334.5	5,953.4	0.6	11.6
Contract and hired labor expenses	14,119.4	13,902.9	14,008.7	15,005.5	15,312.6	0.3	2.0
Net rent to nonoperator landlords ²	10,321.2	9,907.2	10,740.1	11,048.3	11,060.1	0.0	0.1
Capital consumption	18,258.8	18,233.8	18,288.6	18,366.2	18,470.3	0.1	0.6
Property taxes	5,687.2	5,784.6	6,042.3	6,284.6	6,586.8	0.3	4.8
Net farm income ³	44,796.0	38,350.6	47,936.9	42,060.8	46,730.0	4.7	11.1
Gross receipts of farms	191,679.2	185,214.6	193,837.4	196,062.0	206,293.6	10.2	5.2
Farm production expenses	149,492.2	149,341.8	148,359.7	156,848.4	162,428.5	5.6	3.6
Nonfactor payments	112,305.6	114,043.9	112,994.7	120,488.4	124,955.9	4.5	3.7
Intermediate product expenses	90,963.0	92,535.7	91,483.8	98,609.0	102,632.6	4.0	4.1
Capital consumption	16,272.8	16,315.4	16,081.6	16,254.2	16,424.5	0.2	1.0
Property taxes	5,069.7	5,192.9	5,429.2	5,625.2	5,898.8	0.3	4.9
Factor payments	37,186.6	35,297.9	35,365.0	36,360.1	37,472.6	1.1	3.1
Interest	12,746.0	11,487.9	10,616.3	10,306.4	11,099.9	0.8	7.7
Contract and hired labor expenses	14,119.4	13,902.9	14,008.7	15,005.5	15,312.6	0.3	2.0
Net rent to nonoperator landlords ²	10,321.2	9,907.2	10,740.1	11,048.3	11,060.1	0.0	0.1
Returns to operators ⁴	42,187.0	35,872.8	45,477.7	39,213.5	43,865.1	4.7	11.9
Gross cash income	186,981.7	184,250.1	188,602.1	199,622.3	196,704.1	(2.9)	(1.5)
Cash expenses	134,100.7	133,862.2	133,154.3	141,529.1	146,942.6	5.4	3.8
Cash expenses, excluding net rent	122,389.3	122,574.2	121,043.3	129,112.2	134,505.1	5.4	4.2
Intermediate product expenses	90,963.0	92,535.7	91,483.8	98,609.0	102,632.6	4.0	4.1
Interest	12,746.0	11,487.9	10,616.3	10,306.4	11,099.9	0.8	7.7
Cash labor expenses	13,610.5	13,357.7	13,514.0	14,571.6	14,873.8	0.3	2.1
Property taxes	5,069.7	5,192.9	5,429.2	5,625.2	5,898.8	0.3	4.9
Net rent to nonoperator landlords ⁵	11,711.4	11,288.0	12,111.0	12,417.0	12,437.5	0.0	0.2
Net cash income	52,881.0	50,387.9	55,447.8	58,093.2	49,761.5	(8.3)	(14.3)

¹Value added to gross income. Net value added to net farm income equals difference in net farm income and returns to operators. ²Includes landlord capital consumption. ³Statistics in and above the net farm income line represent the farm sector, defined as including farm operator's dwellings located on farms. Statistics below the net farm income line represent only the farm business to the exclusion of farmer dwellings.

⁴Returns to operators is equivalent to net farm income excluding the income and expenses associated with farm operator dwellings. ⁵Excludes landlord capital consumption.

Table 1-2—United States: Value added by the agricultural sector via the production of goods and services, 1990-94¹

Item	1990	1991	1992	1993	1994
	<i>Million dollars</i>				
Final crop output	83,447	80,909	88,955	81,589	98,894
Food grains	7,480	7,325	8,467	8,180	9,469
Feed crops	18,669	19,327	20,060	20,161	20,574
Cotton	5,488	5,236	5,192	5,249	5,730
Oil crops	12,258	12,700	13,286	13,219	15,216
Tobacco	2,733	2,881	2,962	2,949	2,646
Fruits and tree nuts	9,418	9,928	10,175	10,260	10,146
Vegetables	11,424	11,537	11,824	13,144	13,033
All other crops	12,785	13,066	13,696	13,940	14,748
Home consumption	146	122	116	69	72
Value of inventory adjustment	3,045	(1,214)	3,177	(5,582)	7,261
Final animal output	90,189	87,255	87,048	91,556	89,922
Meat animals	51,242	50,132	47,749	50,818	46,811
Dairy products	20,153	18,007	19,742	19,244	19,934
Poultry and eggs	15,262	15,129	15,503	17,300	18,443
Miscellaneous livestock	2,537	2,483	2,602	2,673	2,919
Home consumption	560	498	474	451	410
Value of inventory adjustment	436	1,007	978	1,070	1,405
Services and forestry	15,574	15,401	15,340	16,422	16,774
Machine hire and custom work	1,835	1,718	1,548	1,962	2,348
Forest products sold	1,914	1,868	2,188	2,515	2,690
Other farm income	4,486	4,699	4,440	4,606	4,116
Gross imputed rental value of farm dwellings	7,339	7,116	7,164	7,339	7,620
Final agricultural sector output	189,210	183,564	191,342	189,567	205,590
Less: Intermediate consumption outlays	93,169	94,744	93,684	100,769	105,105
Farm origin	39,780	38,892	38,939	41,551	41,604
Feed purchased	20,387	19,331	20,132	21,434	22,633
Livestock and poultry purchased	14,875	14,449	13,894	14,955	13,599
Seed purchased	4,518	5,113	4,912	5,162	5,373
Manufactured inputs	19,359	20,594	20,100	20,466	21,721
Fertilizers and lime	8,208	8,667	8,333	8,398	9,179
Pesticides	5,362	6,319	6,469	6,718	7,219
Petroleum fuel and oils	5,790	5,607	5,298	5,350	5,323
Other intermediate expenses	34,029	35,257	34,645	38,752	41,780
Repair and maintenance of capital items	8,552	8,630	8,468	9,155	9,187
Machine hire and custom work	3,565	3,520	3,806	4,411	4,783
Marketing, storage, and transportation expenses	4,211	4,719	4,541	5,648	6,707
Contract labor	1,601	1,572	1,717	1,771	1,805
Miscellaneous expenses	16,101	16,816	16,113	17,766	19,297
Plus: Net government transactions	3,249	2,089	2,766	6,750	978
+ Direct government payments	9,298	8,214	9,169	13,402	7,881
- Motor vehicle registration and licensing fees	362	341	361	367	316
- Property taxes	5,687	5,785	6,042	6,285	6,587
Gross value added	99,290	90,910	100,424	95,548	101,463
Less: Capital consumption	18,259	18,234	18,289	18,366	18,470
Net value added	81,031	72,676	82,135	77,182	82,993
Less: Employee compensation	12,519	12,331	12,291	13,235	13,507
Net operating surplus	68,513	60,346	69,844	63,948	69,486
Less: Net rent received by nonoperator landlords	10,321	9,907	10,740	11,048	11,060
Less: Real estate and nonreal estate interest	13,395	12,088	11,167	10,839	11,696
Net farm income	44,796	38,351	47,937	42,061	46,730

¹Component statistics are drawn from the net farm income accounts and include income and expenses related to farm operator dwellings.

Table 1-3—United States: Leading commodities for cash receipts, 1994

Rank	Item	Value of U. S. receipts	Percent of U.S. total	Cumulative percent ¹	Rank in prior year
		<i>1,000 dollars</i>		<i>Percent</i>	
	All commodities	179,668,692	100.0	—	—
	Livestock and products	88,107,122	49.0	—	—
	Crops	91,561,570	50.9	—	—
1	Cattle and calves	36,444,822	20.2	20.2	1
2	Dairy products	19,933,724	11.0	31.3	2
3	Corn	15,030,753	8.3	39.7	3
4	Soybean	13,404,012	7.4	47.2	4
5	Broilers	11,370,211	6.3	53.5	6
6	Greenhouse and nursery	10,043,984	5.5	59.1	7
7	Hogs	9,859,030	5.4	64.6	5
8	Wheat	7,794,349	4.3	68.9	8
9	Cotton	5,729,594	3.1	72.1	9
10	Chicken eggs	3,776,767	2.1	74.2	10
11	Hay	3,579,139	1.9	76.2	11
12	Turkeys	2,671,736	1.4	77.7	13
13	Tobacco	2,646,047	1.4	79.1	12
14	Potatoes	2,529,383	1.4	80.6	14
15	Grapes	1,853,759	1.0	81.6	15
16	Tomatoes	1,683,221	0.9	82.5	16
17	Rice	1,654,134	0.9	83.4	27
18	Oranges	1,580,428	0.8	84.3	17
19	Apples	1,321,169	0.7	85.1	19
20	Sugar beets	1,242,326	0.6	85.8	22
21	Peanuts	1,230,744	0.6	86.4	21
22	Sorghum grain	1,141,814	0.6	87.1	20
23	Lettuce	1,110,892	0.6	87.7	18
24	Almonds	894,250	0.5	88.2	24
25	Cane for sugar	882,272	0.4	88.7	25
	Government payments ²	7,881,036	—	—	—

— = Not applicable.

Numbers may not add due to rounding.

¹The cumulative percentage is the sum of the percent of U.S. total for each commodity and all preceding commodities.

²Government payments made directly to farmers.

Table 1-4—Capital expenditures in the U.S. farm sector, 1990-94¹

Year	Buildings and land			Motor vehicles				Machinery and equipment	Total capital expenditures	
	Operator farm dwellings	Service structures and land improvements	Total	Tractors	Trucks	Autos	Total		Including operator dwelling	Excluding operator dwelling
<i>Million dollars</i>										
1990	2,029	2,801	4,830	3,119	2,373	259	5,750	5,589	16,170	14,141
1991	1,216	2,753	3,969	2,593	2,111	289	4,993	5,410	14,372	13,156
1992	1,417	2,398	3,815	2,826	1,945	355	5,126	5,132	14,073	12,656
1993	1,508	3,291	4,799	2,689	2,221	279	5,189	5,488	15,476	13,968
1994	1,645	3,246	4,891	2,893	2,301	259	5,453	5,182	15,526	13,881

¹Capital expenditures are based on the Farm Costs and Returns Survey (FCRS). FCRS estimates for 1991 and later years use new non-response and undercoverage adjustments that make them more representative of the entire farm sector. Estimates for 1990 were derived using interpolation factors between prior 1987 estimates and the new 1991 results. FCRS data for 1987 were adjusted to represent the USDA number of farms in sales classes under \$100,000.

Table 1-5—Capital replacement costs for the U.S. farm sector, 1990-94

Year	Buildings and land			Motor vehicles				Machinery and equipment	Total capital expenditures	
	Operator farm dwellings	Service structures and land improvements	Total	Tractors	Trucks	Autos	Total		Including operator dwelling	Excluding operator dwelling
<i>Thousand dollars</i>										
1990	1,734	2,749	4,483	3,553	2,160	396	6,109	7,055	17,647	15,913
1991	1,664	2,692	4,356	3,629	2,146	350	6,125	7,139	17,621	15,956
1992	1,658	2,624	4,282	3,518	2,148	343	6,009	7,084	17,375	15,717
1993	1,712	2,594	4,306	3,535	2,309	354	6,199	7,107	17,611	15,899
1994	1,774	2,566	4,340	3,680	2,431	351	6,463	7,043	17,846	16,072

Seven States Produced Net Farm Incomes in Excess of \$2 Billion

California led the States in total net farm income and total cash receipts. Texas led in cash receipts from cattle and calves, while Illinois and Iowa ranked first and second in sales of corn and soybeans.

Seven States Had Net Farm Incomes Over \$2 Billion

California led all States in net farm income for 1994 with \$5.1 billion. Texas was second with \$3.7 billion. Farm operations in five other States produced farm sector incomes in excess of \$2 billion: North Carolina (\$2.9), Iowa (\$2.8), Nebraska (\$2.3), Florida (\$2.3), and Georgia (\$2.1) (fig. 2-1). Only four States exceeded the \$2 billion mark in 1993. Adding Illinois, Kansas, Arkansas, Minnesota, and South Dakota filled out the top dozen States ranked according to net farm income in 1994. These top 12 States accounted for 60 percent of the Nation's net farm income. Net farm income reflects the net value of all goods and services produced within the year, whether sold or added to inventory.

Cash Receipts Up 1.7 Percent in 1994

Cash receipts earned by the farm sector were \$180 billion in 1994, up from \$177 billion in the prior year. Cash receipts are the largest component of gross income in USDA's farm income accounts. They reflect the sales in any given calendar year of commodities either produced on the farm during that year or drawn from the farmer's inventory of output from previous years. Of the principal components of farm income and expenses, cash receipts tend to be the most variable, reflecting the effects of weather and government programs on the production and sale of crops, and occasionally, exceptional biological phenomena, such as infestations of insects and disease. The increase in cash receipts in 1994 over 1993 can be attributed to excellent weather during the growing season for most crops.

Cattle and Dairy Leading Commodities in Cash Receipts

Cattle and dairy products were the top commodities in generation of cash receipts (table 2-2). Texas led in

cattle and calf receipts with \$6 billion, while California topped dairy sales with \$2.9 billion. Corn and soybeans were the third- and fourth-ranked commodities in the Nation, with Illinois first and Iowa second in sales of both. Illinois' receipts for corn and soybeans were \$2.9 billion and \$2.5 billion, respectively. Broilers were the fifth-ranked commodity, with Arkansas the leading producer at \$1.8 billion.

California, Texas, and Iowa Leading States in Cash Receipts

The top 12 States in cash receipts for all commodities in 1994 were California, Texas, Iowa, Nebraska, Illinois, Kansas, Minnesota, North Carolina, Florida, Wisconsin, Arkansas, and Indiana (fig. 2-2). The share of total cash receipts derived from crop or livestock sales varied greatly among the 12 top-ranked States. Their rankings reflect such variables as the size of the

Rankings by cash receipts of leading commodities for States and leading States for commodities adds substantial new and useful information to the cash receipts statistics reported in the appendix. Rankings of leading commodities for States convey significant information about the production mix within States; and indirectly, about the factors of production that constitute the basis for the State's comparative advantage. Correspondingly, rankings of leading States for commodities or commodity groups summarize a plethora of statistical facts to show the importance of the commodity to individual States and geographic regions, aiding in the analysis of the likelihood and extent of impacts from climatic, policy, and price changes in the level of receipts. An extensive set of ranking tables based upon the cash receipts statistics presented in the appendix are available on AutoFax (dial 202-219-1107 from the touch-tone phone on your fax machine and request document #44000 to start) and as a data product (call 1-800-999-6779 to order).

State, the proportion of its land that can be cultivated, the fertility of the land, and the State's comparative advantage in producing and marketing high-valued commodities.

California led the Nation with \$20.2 billion in cash receipts from all commodities, becoming the first State ever to reach the \$20 billion mark. California's five top commodities in sales—dairy products, greenhouse and nursery products, grapes, cattle and calves, and cotton—accounted for 45 percent of the State's cash receipts (table 2-3). California led the Nation in crop sales with \$14.8 billion, and was the top producing State for 7 of the sector's top 25 commodities: dairy products, greenhouse and nursery products, hay, grapes, tomatoes, lettuce, and almonds (table 2-2). The State ranked third in livestock commodity receipts at \$5.4 billion. While Texas ranked second overall in cash receipts, with \$12.6 billion in sales, it was first in livestock receipts (\$8.2 billion) and fifth in crop receipts (\$4.3 billion). Texas was the leading producer of cattle and calves. Texas was also the leading producer of cotton.

Iowa ranked third in cash receipts, with \$10.1 billion, third in crop sales, and fourth in livestock sales. Iowa was the leading producer of hogs. Nebraska was the fourth leading agricultural State with \$8.6 billion in total sales, with cattle and calves representing more than half of the State's cash receipts. Illinois ranked fifth at \$8.2 billion in cash receipts, growing the most corn and soybeans of any State in the Nation.

Ranked in order by level of cash receipts earned from livestock, the top 12 States were Texas, Nebraska, California, Iowa, Kansas, Wisconsin, Minnesota, North Carolina, Arkansas, Colorado, Oklahoma, and Georgia (fig. 2-3). Collectively, these States represented 60 percent of the livestock receipts for the Nation. Texas, Nebraska, Kansas, Colorado, and Oklahoma's livestock receipts were generated largely from cattle sales. Dairy receipts were the largest share for California and Wisconsin, while hogs were a key component of livestock sales in Iowa and North Carolina. Broiler sales were important in Arkansas, Georgia, and North Carolina.

A somewhat different list of top 12 States represented 60 percent of the cash receipts earned from crop sales—California, Illinois, Iowa, Florida, Texas, Nebraska, Washington, Indiana, Minnesota, North Carolina, Ohio, and Kansas (fig. 2-4). High-valued fruits and vegetables were the major contributors to crop cash receipts in California, Florida, and

Washington. Grains and oilseeds were the key components of cash receipts in Illinois, Iowa, Indiana, Ohio, and Kansas. Texas and North Carolina depended more on other crops, such as cotton and tobacco.

Greenhouse and nursery production is one of the fastest growing facets of U.S. agriculture. In 1994, greenhouse and nursery ranked as one of the top five commodities in agricultural sales in 25 of the 50 States. In an additional 17 States, greenhouse and nursery ranked as one of the top 10 commodities in agricultural sales. Each of the 50 States lists greenhouse and nursery as one of their leading 20 commodities in agricultural cash receipts.

Net Farm Income Recovered in Midwest and Southeast

The changes in the farm sector income situation from 1993 to 1994 among the States varied from significant improvements to substantial declines (fig. 2-5). In 1993, States abutting the Mississippi River and its major tributaries were hurt by destructive spring rains and flooding that precluded crop plantings, destroyed crops in progress, and reduced yields with excessive levels of soil moisture and runoff. In the South Atlantic States, a prolonged drought in the summer of 1993 significantly reduced crop yields. In 1994, near perfect weather produced a full recovery for all crop farmers, often accompanied by record production levels. Leading the way in year-to-year gains in income were Minnesota, Iowa, Mississippi, North Dakota, and Illinois (fig. 2-5).

Farm income declined in 1994 in States heavily depending on cattle production, as large herds of cattle and hogs combined with high levels of production to put downward pressure on prices received by producers. The cattle-dependent States of Wyoming, Montana, and Colorado were among the States suffering the biggest year-to-year declines in farm income.

Net farm income statistics do not fully convey the magnitude of the economic activity represented by production agriculture. The amount of production expenses incurred in generating net farm income is an alternative indicator of the level of the sector's contribution to a State's economy. In 1994, expenses totaled \$167 billion, up 3.6 percent. States with at least \$7 billion in production expenses were led by California (\$16.8 billion), Texas (\$11.6 billion), Iowa (\$10.3 billion), Illinois (\$7.8 billion), Nebraska (\$7.7 billion), Minnesota (\$7.5), and Kansas (\$7.4) (table 2-4).

Net Cash Income Down in Most States

Nationally, 1994 net cash income moved in the opposite direction of net farm income because the former does not reflect the large additions to end-of-year inventories, typical of years with significant increases in production and higher expenses. Net cash income from farming was \$49.8 billion, down 14.3 percent from \$58.1 billion in 1993. The net cash income pattern for the Nation was also the pattern for 40 of the 50 States. Net cash income represents earnings that are available for principal repayment, capital purchases, and family living expenses. Being more of a financial-flows measure than a direct measure of production, net cash income is influenced by marketing decisions as well as production levels. Following large harvests, farmers tend to put substantial quantities in storage, anticipating or hoping for a rise in price after a few

months when the markets have had time to adjust to the abundant supply. The drop in cash income was due principally to three factors: lower government payments, rising expenses, and the postponement of crop sales until after the close of the year. Farmers manage their business activities to achieve specific cash-flow objectives. For example, when droughts occur in non-consecutive years, farmers can adjust inventories to manage their cash income despite the variability in production reflected in net farm income. Volatility can contribute to debt payment problems and payment of more income taxes.

Net cash income from farming was highest in California (\$5.4 billion) and exceeded \$2 billion in six additional States: Texas (\$3.8 billion), North Carolina (\$2.8 billion), Florida (\$2.4 billion), Nebraska (\$2.3 billion), Iowa (\$2 billion) and Georgia (\$2 billion).

Figure 2-1

Top 12 States in net farm income, 1994

Top 12 States ranked by net farm income accounted for 60 percent of the U.S. total

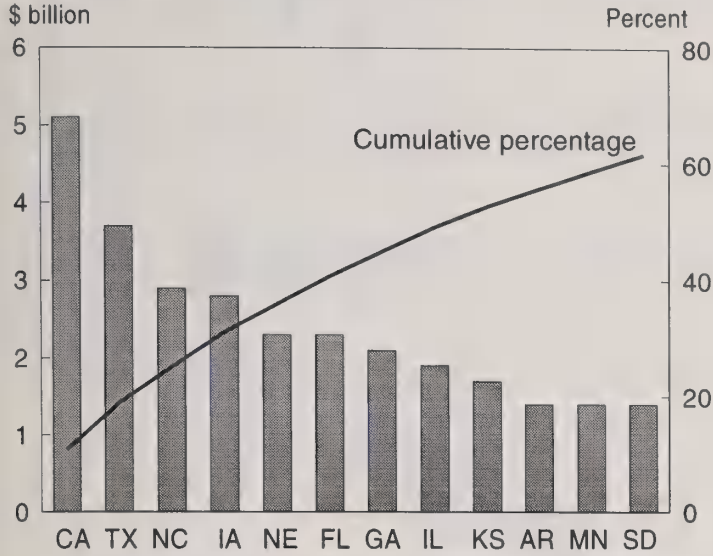


Figure 2-2

Top 12 States in cash receipts, 1994

Among the top 12 States in cash receipts, livestock and crop shares varied greatly

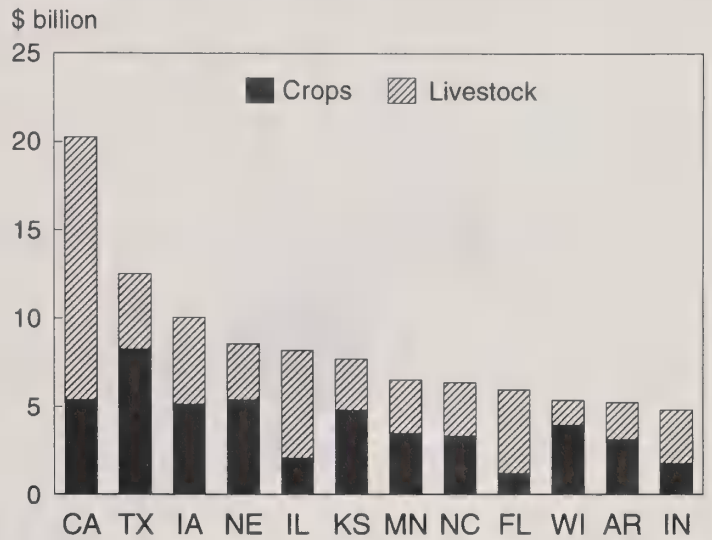


Figure 2-3

Top 12 States in livestock sales, 1994

Cattle key in West, hogs in Iowa, and broilers in the South

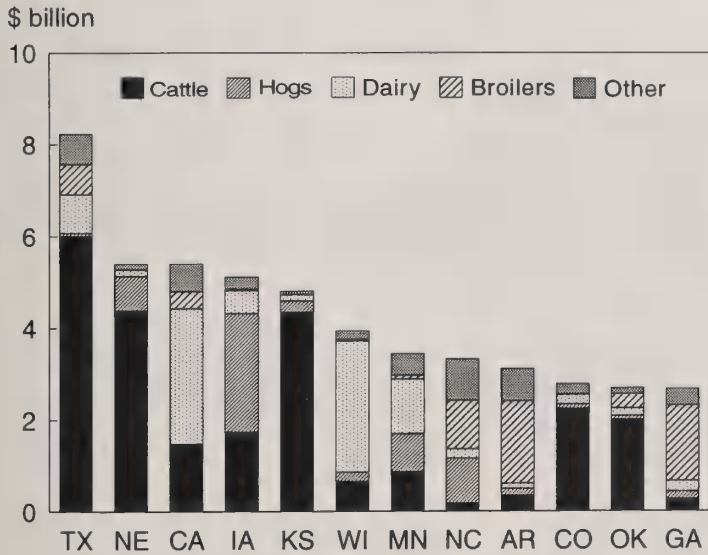
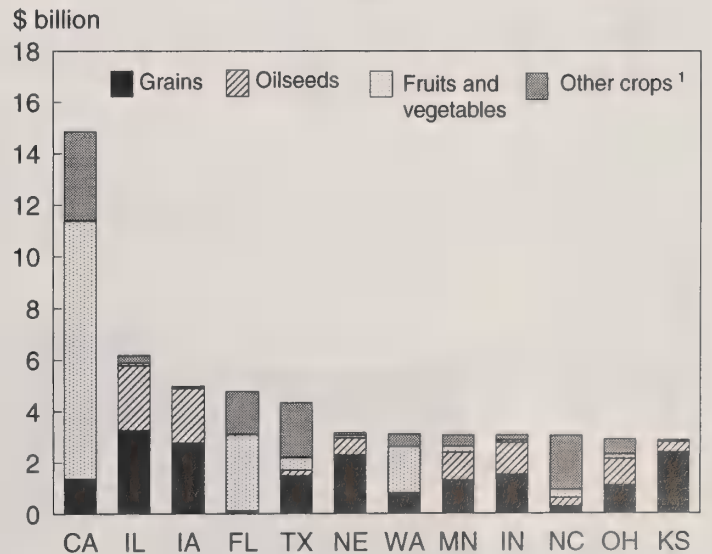


Figure 2-4

Top 12 States in crop sales, 1994

High-valued fruits and vegetables were major contributors in California, Florida, and Washington



¹Cotton, tobacco, and greenhouse/nursery are important "other crops."

Figure 2-5

State-by-State changes in net farm income, 1993-94

Midwest staged comeback from 1993's flood damage, thanks to an excellent 1994 cropping season. Southeast recovered from 1993 drought. Lower livestock returns dampened net farm income in the West and other livestock-oriented States.

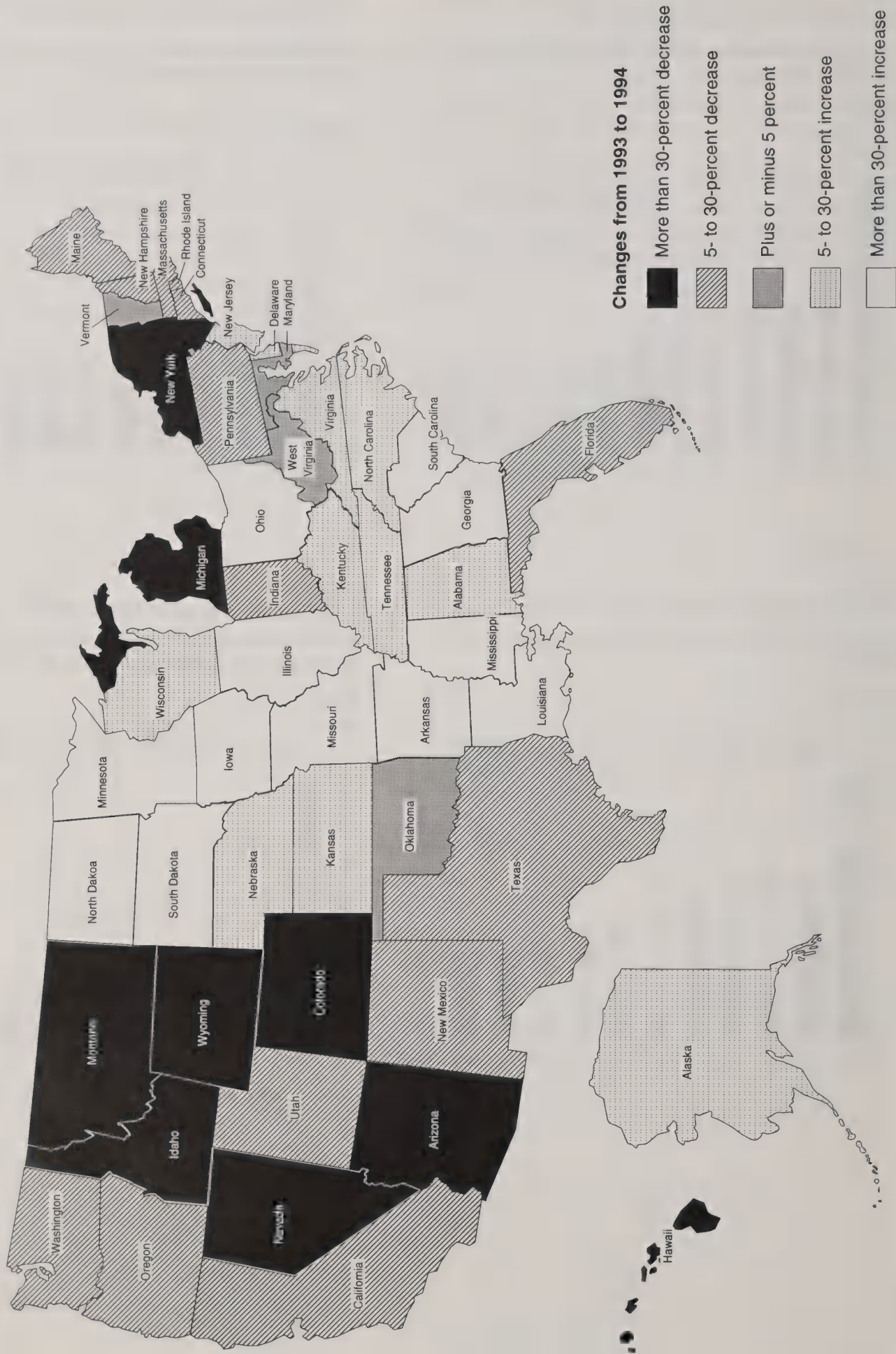


Table 2-1—Farm income indicators, Alabama and Alaska, 1990-94

Item	Alabama					Alaska				
	1990	1991	1992	1993	1994	1990	1991	1992	1993	1994
	<i>Million dollars</i>									
Gross farm income	3,241.6	3,444.5	3,318.6	3,443.6	3,630.8	34.3	34.1	33.5	35.4	36.7
Gross cash income	3,151.8	3,268.1	3,170.5	3,320.0	3,358.9	30.1	29.9	29.2	30.6	31.7
Farm marketings	2,765.5	2,867.0	2,727.3	2,857.1	2,904.5	26.7	26.6	25.7	26.8	27.7
Crops	635.7	777.9	765	728.0	745.1	19.2	20.2	19.7	20.8	21.7
Livestock and products	2,129.7	2,089.1	1,962.7	2,129.0	2,159.4	7.5	6.4	6.0	5.9	6.0
Government payments	82.2	66.4	119	137.2	89.4	1.1	1.3	1.7	1.8	1.3
Farm-related income	304.1	334.8	324	325.7	365.0	2.3	2.0	1.8	2.1	2.6
Noncash income	130.7	131.6	129	127.8	132.3	4.2	4.2	4.2	4.1	4.5
Value of home consumption	7.6	6.7	6.1	4.7	4.5	0.5	0.6	0.6	0.4	0.6
Rental value of dwellings	123.1	124.9	123	123.1	127.8	3.7	3.6	3.7	3.7	3.9
Operator and other dwellings ¹	119.1	121.3	119	121.4	126.2	3.6	3.5	3.5	3.6	3.7
Hired laborer dwellings	4.0	3.6	3.8	1.7	1.7	0.1	0.1	0.1	0.1	0.1
Value of inventory adjustment	-40.9	44.7	19.0	-4.2	139.6	0	0	0.1	0.6	0.6
Total production expenses	2,407.2	2,316.8	2,252.0	2,409.7	2,508.0	27.3	27.0	27.4	26.8	27.7
Intermediate product expenses	1,759.4	1,693.1	1,639.7	1,757.6	1,820.7	12.7	12.4	12.7	13.6	14.2
Farm origin	895.3	789.6	828	831.7	848.6	2.8	2.4	3.1	3.4	3.6
Feed purchased	585.8	533.0	564.0	586.2	593.7	1.9	1.5	2.0	2.4	2.6
Livestock and poultry purchased	258.2	196.9	211	189.8	199.1	0.1	0.1	0.4	0.3	0.2
Seed purchased	51.3	59.7	53.1	55.7	55.8	0.7	0.8	0.7	0.8	0.8
Manufactured inputs	252.9	267.7	247	267.9	258.6	3.4	3.6	3.2	3.3	3.1
Fertilizer and lime	110.4	117.8	114	123.3	120.1	2.0	2.2	1.9	2.0	1.8
Pesticides	66.1	74.3	65.5	76.8	75.6	0.2	0.2	0.2	0.2	0.3
Fuel and oil	76.4	75.6	66.9	67.8	62.9	1.2	1.1	1.1	1.1	1.1
Other	611.2	635.7	565	657.9	713.5	6.5	6.5	6.4	6.9	7.4
Repair and maintenance	145.9	150.3	133	161.4	154.9	2.8	2.8	2.7	2.9	2.9
Other miscellaneous	465.2	485.4	432	496.5	558.6	3.8	3.7	3.6	4.0	4.5
Interest	146.5	132.6	121.0	116.6	129.5	3.0	2.8	2.6	1.2	1.3
Real estate	76.8	68.7	63.1	50.5	55.9	1.9	1.7	1.7	0.7	0.7
Nonreal estate	69.7	63.9	57.8	66.1	73.6	1.1	1.1	0.9	0.4	0.5
Contract and hired labor expenses	133.4	122.4	113	133.2	127.2	3.6	3.8	4.2	4.0	4.1
Net rent to nonoperator landlords ²	84.0	89.0	94.3	104.3	126.4	0.7	0.9	0.8	1.0	1.0
Capital consumption	259.3	251.4	254	267.0	271.1	6.1	6.0	5.9	5.8	5.9
Property taxes	24.7	28.4	30.0	31.1	33.1	1.1	1.1	1.1	1.2	1.3
Net farm income ³	834.4	1,127.6	1,066.6	1,033.9	1,122.8	7.0	7.1	6.1	8.5	9.0
Gross cash income	3,151.8	3,268.1	3,170.5	3,320.0	3,358.9	30.1	29.9	29.2	30.6	31.7
Cash expenses	2,121.5	2,040.5	1,976.9	2,123.7	2,211.7	20.5	20.2	20.8	20.5	21.1
Cash expenses, excluding net rent	2,031.5	1,945.7	1,876.8	2,013.4	2,079.1	19.6	19.2	19.9	19.3	20.0
Intermediate product expenses	1,741.6	1,676.0	1,626.1	1,743.3	1,800.9	12.2	11.9	12.3	13.3	13.7
Interest	138.8	125.4	115	111.7	123.9	2.9	2.6	2.4	1.1	1.2
Cash labor expenses	129.9	119.5	110	131.5	125.5	3.5	3.7	4.1	3.9	4.0
Property taxes	21.2	24.7	26.4	26.8	28.7	1.0	1.0	1.0	1.1	1.1
Net rent to nonoperator landlords ⁴	90.0	94.9	100	110.4	132.6	0.9	1.0	1.0	1.2	1.1
Net cash income	1,030.3	1,227.6	1,193.6	1,196.3	1,147.2	9.6	9.7	8.4	10.1	10.5
Number of farms	47,000	46,000	46,000	46,000	46,000	580	560	540	530	520

See footnotes at end of table.

Continued—

Table 2-1—Farm income indicators, Arizona and Arkansas, 1990-94—Continued

Item	Arizona					Arkansas				
	1990	1991	1992	1993	1994	1990	1991	1992	1993	1994
	<i>Million dollars</i>									
Gross farm income	2,036.7	2,026.0	1,943.8	2,149.3	2,048.0	4,931.8	5,145.0	5,401.8	5,450.8	6,010.1
Gross cash income	2,020.8	1,910.7	1,939.1	2,117.4	2,022.9	4,795.2	4,856.2	5,300.9	5,273.6	5,794.1
Farm marketings	1,929.6	1,821.3	1,808.3	1,945.9	1,868.6	4,253.8	4,230.1	4,657.5	4,354.2	5,275.6
Crops	1,113.8	1,032.6	911.8	1,027.6	1,044.6	1,552.5	1,539.1	1,947.5	1,453.6	2,161.5
Livestock and products	815.8	788.7	896.5	918.3	824.0	2,701.3	2,691.0	2,710.0	2,900.7	3,114.1
Government payments	43.3	40.5	75.6	113.9	72.1	312.7	352.8	410.0	704.7	302.8
Farm-related income	47.9	48.9	55.1	57.7	82.2	228.4	273.3	214.7	215.7	215.7
Noncash income	47.8	47.5	47.4	47.5	48.9	110.2	113.2	106.4	107.9	109.1
Value of home consumption	4.6	4.4	4.6	4.4	4.1	11.1	10.1	10.1	8.7	6.1
Rental value of dwellings	43.2	43.1	42.8	43.2	44.8	99.2	103.1	96.4	99.2	103.0
Operator and other dwellings ¹	28.5	25.3	30.8	33.1	35.1	86.6	88.4	87	89.7	93.7
Hired laborer dwellings	14.7	17.8	12	10.1	9.7	12.5	14.7	9.3	9.5	9.2
Value of inventory adjustment	-32.0	67.9	-42.7	-15.7	-23.8	26.4	175.6	-5.6	69.3	106.9
Total production expenses	1,432.8	1,370.2	1,363.3	1,447.8	1,566.4	4,130.4	4,305.2	4,108.8	4,433.0	4,591.2
Intermediate product expenses	931.4	899.4	917.4	1,003.5	1,053.6	2,922.5	3,113.1	2,954.4	3,236.0	3,420.5
Farm origin	409.9	386.4	405.6	440.4	411.9	1,502.2	1,516.7	1,430.1	1,579.6	1,634.5
Feed purchased	166.5	147.0	154.4	167.5	192.5	1,051.5	1,039.7	987.0	1,142.4	1,191.4
Livestock and poultry purchased	219.2	211.6	225.3	245.4	187.1	366.2	379.7	349.6	344.2	343.3
Seed purchased	24.2	27.8	25.8	27.6	32.4	84.5	97.3	93.4	93.1	99.9
Manufactured inputs	150.3	150.1	141.9	144.8	174.1	500.8	564.6	542.6	538.6	554.8
Fertilizer and lime	50.0	47.2	42.9	40.4	54.0	167.0	187.0	172.1	175.6	190.7
Pesticides	54.9	59.6	60.8	67.0	78.3	170.4	216.0	225.0	216.3	222.9
Fuel and oil	45.4	43.3	38.1	37.4	41.8	163.5	161.6	145.6	146.7	141.2
Other	371.2	362.9	369.9	418.3	467.6	919.5	1,031.9	981.6	1,117.8	1,231.1
Repair and maintenance	37.9	37.6	49.6	50.1	59.5	173.0	172.5	184.3	190.9	178.3
Other miscellaneous	333.3	325.3	320.4	368.1	408.1	746.6	859.4	797.4	926.9	1,052.9
Interest	159.6	146.8	131.6	92.5	101.6	284.5	256.5	234.9	261.4	273.5
Real estate	58.9	53.2	48.0	35.0	34.9	137.8	122.2	127.2	140.7	143.1
Nonreal estate	100.6	93.5	83.5	57.5	66.7	146.8	134.3	107.7	120.6	130.3
Contract and hired labor expenses	214.2	194.2	180.3	214.6	266.4	266.4	264.9	253.0	267.0	244.8
Net rent to nonoperator landlords ²	23.1	22.8	25.9	28.0	33.8	271.8	295.0	295.0	286.5	263.9
Capital consumption	77.7	80.8	81.1	80.1	78.8	321.9	314.6	310.3	314.9	311.7
Property taxes	26.8	26.3	27.1	29.0	32.3	63.2	61.1	61.2	67.2	76.9
Net farm income ³	603.9	655.7	580.5	701.5	481.6	801.4	839.8	1,292.9	1,017.7	1,418.9
Gross cash income	2,020.8	1,910.7	1,939.1	2,117.4	2,022.9	4,795.2	4,856.2	5,300.9	5,273.6	5,794.1
Cash expenses	1,337.1	1,270.4	1,268.2	1,352.2	1,468.9	3,794.5	3,978.0	3,791.0	4,105.3	4,253.6
Cash expenses, excluding net rent	1,311.9	1,245.4	1,240.1	1,322.0	1,433.0	3,495.2	3,656.4	3,470.0	3,792.6	3,963.9
Intermediate product expenses	927.2	895.6	913.3	1,000.3	1,047.2	2,910.8	3,103.2	2,945.6	3,225.0	3,398.5
Interest	157.5	144.8	129.9	89.2	98.0	271.7	244.7	224.1	248.4	259.1
Cash labor expenses	201.5	179.7	170.7	204.5	256.7	255.2	252.3	244.0	257.5	235.5
Property taxes	25.8	25.4	26.1	28.0	31.2	57.6	56.2	56.4	61.7	70.8
Net rent to nonoperator landlords ⁴	25.2	25.0	28.1	30.2	35.9	299.3	321.6	320.9	312.7	289.8
Net cash income	683.7	640.3	670.9	765.3	554.0	1,000.7	878.1	1,509.9	1,168.3	1,540.4
Number of farms	7,800	7,600	7,500	7,400	7,400	47,000	46,000	45,000	45,000	44,000
	<i>Number</i>									

See footnotes at end of table.

Continued—

Table 2-1—Farm income indicators, California and Colorado, 1990-94—Continued

Item	California					Colorado				
	1990	1991	1992	1993	1994	1990	1991	1992	1993	1994
	<i>Million dollars</i>									
Gross farm income	20,490.6	19,409.6	20,364.3	21,776.7	21,838.3	4,837.0	4,247.7	4,298.3	4,775.4	4,580.6
Gross cash income	20,003.2	18,610.3	20,000.8	21,069.9	21,056.7	4,621.0	4,026.8	4,163.6	4,628.2	4,475.4
Farm marketings	19,209.6	17,783.1	19,054.9	19,954.3	20,238.1	4,226.7	3,634.3	3,792.4	4,197.4	4,028.8
Crops	13,676.8	12,536.0	13,954.9	14,642.8	14,840.5	1,130.7	1,063.2	1,027.8	1,205.0	1,250.2
Livestock and products	5,532.8	5,247.1	5,100.0	5,311.5	5,397.5	3,096.0	2,571.1	2,764.6	2,992.4	2,778.7
Government payments	252.3	260.8	430.4	522.1	272.8	236.7	217.1	203.3	250.3	177.1
Farm-related income	541.2	566.4	515.5	593.5	545.9	157.6	175.4	168.0	180.5	269.4
Noncash income	573.8	570.9	566.8	569.5	586.8	123.0	129.9	117.9	120.5	126
Value of home consumption	27.8	27.3	23.4	23.4	19.9	9.3	8.3	6.9	6.8	7.9
Rental value of dwellings	546.0	543.6	543.4	546.0	566.9	113.7	121.6	111.1	113.7	118.1
Operator and other dwellings ¹	479.7	486.9	461.7	491.0	500.2	101.5	106.9	101.1	102.7	107.4
Hired laborer dwellings	66.3	56.7	81.6	55.0	66.7	12.2	14.8	10.0	11.1	10.7
Value of inventory adjustment	-86.4	228.4	-203.2	137.2	194.8	93.0	91.0	16.7	26.7	-20.8
Total production expenses	14,761.1	15,211.7	14,926.9	16,258.8	16,761.2	3,733.1	3,509.1	3,465.6	3,769.5	3,972.9
Intermediate product expenses	8,183.8	8,649.4	8,357.6	9,428.8	9,720.4	2,752.0	2,606.7	2,612.8	2,901.4	3,000.6
Farm origin	2,714.5	2,650.8	2,597.0	2,929.3	2,884.5	1,822.5	1,691.3	1,719.5	1,895.9	1,752.0
Feed purchased	1,717.2	1,588.9	1,663.3	1,977.0	1,935.4	444.6	388.0	386.4	416.9	491.2
Livestock and poultry purchased	646.6	638.2	543.9	534.9	550.2	1,313.3	1,229.5	1,265.0	1,406.4	1,175.5
Seed purchased	350.7	423.7	389.8	417.4	398.9	64.6	73.8	68.1	72.7	85.3
Manufactured inputs	1,511.2	1,650.6	1,655.7	1,722.8	1,790.3	231.7	232.2	202.3	218.9	266.6
Fertilizer and lime	533.2	585.3	541.7	572.3	634.8	81.8	81.3	61.0	74.5	102.3
Pesticides	567.7	653.9	724.5	754.6	779.4	42.8	46.7	47.9	52.8	61.7
Fuel and oil	410.3	411.3	389.5	395.9	376.1	107.1	104.3	93.5	91.6	102.6
Other	3,958.1	4,348.0	4,104.9	4,776.7	5,045.7	697.8	683.1	691.0	786.6	982.0
Repair and maintenance	599.7	607.0	611.1	692.0	650.4	121.3	115.2	132.1	133.0	158.3
Other miscellaneous	3,358.4	3,741.0	3,493.8	4,084.6	4,395.3	576.5	567.8	559.0	653.6	823.7
Interest	1,120.1	974.3	999.1	993.0	1,103.6	300.6	274.8	247.3	219.4	246.2
Real estate	528.6	434.4	460.5	523.3	562.4	146.6	132.4	119.5	111.8	114.4
Nonreal estate	591.5	539.9	478.6	469.7	541.2	154.0	142.4	127.7	107.6	131.8
Contract and hired labor expenses	3,611.4	3,700.2	3,719.3	3,959.0	4,007.2	193.0	182.2	171.8	209.0	268.3
Net rent to nonoperator landlords ²	488.3	533.2	554.8	531.0	548.1	122.6	86.4	81.2	75.1	81.3
Capital consumption	975.9	966.4	945.3	905.2	907.7	288.6	285.4	275.2	281.7	285.1
Property taxes	381.6	388.3	410.8	441.7	474.1	76.2	73.6	77.4	82.9	91.3
Net farm income ³	5,729.5	4,197.9	5,437.4	5,517.8	5,077.1	1,104.0	738.6	832.7	1,005.9	607.7
Gross cash income	20,003.2	18,610.3	20,000.8	21,069.9	21,056.7	4,621.0	4,026.8	4,163.6	4,628.2	4,475.4
Cash expenses	13,568.5	14,030.3	13,798.2	15,203.1	15,684.2	3,415.3	3,195.2	3,167.3	3,465.1	3,654.2
Cash expenses, excluding net rent	13,037.8	13,455.6	13,203.2	14,633.8	15,097.9	3,276.7	3,093.2	3,071.2	3,374.8	3,557.5
Intermediate product expenses	8,087.9	8,542.1	8,305.0	9,384.2	9,673.4	2,739.3	2,595.9	2,602.3	2,892.8	2,982.2
Interest	1,059.6	919.3	884.4	940.5	1,045.1	288.1	263.2	237.0	208.7	234.4
Cash labor expenses	3,538.4	3,634.0	3,634.9	3,902.6	3,942.4	180.5	167.2	161.3	197.8	257.5
Property taxes	352.0	360.1	378.9	406.5	437.0	68.7	67.0	70.6	75.5	83.4
Net rent to nonoperator landlords ⁴	530.6	574.7	595.0	569.3	586.3	138.6	102.1	96.1	90.4	96.7
Net cash income	6,434.7	4,580.0	6,202.6	5,866.9	5,372.5	1,205.7	831.6	996.3	1,163.0	821.2
Number of farms	85,000	83,000	82,000	79,000	79,000	26,500	26,000	25,500	25,500	25,300

See footnotes at end of table.

Continued—

Table 2-1—Farm income indicators, Connecticut and Delaware, 1990-94—Continued

Item	Connecticut					Delaware				
	1990	1991	1992	1993	1994	1990	1991	1992	1993	1994
	<i>Million dollars</i>									
Gross farm income	497.0	452.9	509.6	518.7	522.8	723.6	694.1	676.1	670.2	734.4
Gross cash income	452.4	438.7	482.2	487.8	482.3	685.6	669.5	659.6	663.8	706.2
Farm marketings	439.2	426.3	467.5	474.5	472.7	636.0	610.7	610.7	611.1	660.2
Crops	214.0	217.7	215.5	214.5	221.8	176.2	172.5	161.5	144.1	154.8
Livestock and products	225.3	208.6	252	260	250.9	459.8	438.2	449.3	467.0	505.4
Government payments	2.1	1.4	2.2	2.9	2.4	3.2	2.7	3.0	6.2	5.6
Farm-related income	11.0	11.0	12.5	10.4	7.2	46.4	56.1	45.9	46.5	40.4
Noncash income	35.7	33.2	32.9	34.6	35.8	35.4	15.4	16.0	17.1	17.2
Value of home consumption	2.6	2.0	1.3	1.5	1.4	19.9	1.4	1.5	1.6	1.1
Rental value of dwellings	33.1	31.2	31.6	33.1	34.4	15.5	14.0	14.5	15.5	16.1
Operator and other dwellings ¹	30.1	28.0	28.2	30.0	31.0	14.5	12.9	13.3	14.6	15.1
Hired laborer dwellings	3.0	3.2	3.4	3.1	3.4	1.0	1.1	1.2	1.0	1.0
Value of inventory adjustment	8.9	-19	-5.5	-3.6	4.6	2.6	9.2	0.5	-10.7	11.0
Total production expenses	339.4	323.9	331.7	340.5	356.2	566.6	573.9	555.3	556.5	607.6
Intermediate product expenses	180.3	169.7	176.0	183.6	195.0	460.6	472.0	455.4	457.4	500.0
Farm origin	68.8	65.3	61.9	63.7	61.3	279.2	279.7	284.9	283.6	296.3
Feed purchased	52.5	49.2	49.2	50.6	47.8	208.0	207.5	212.4	211.5	220.4
Livestock and poultry purchased	5.2	5.3	5.2	5.6	4.9	59.0	58.2	60.8	60.3	62.5
Seed purchased	11.2	10.9	7.5	7.5	8.6	12.2	14.0	11.7	11.7	13.4
Manufactured inputs	22.1	20.7	19.4	19.9	21.6	48.3	54.2	47.3	41.1	44.8
Fertilizer and lime	7.1	5.6	5.6	6.0	6.8	24.6	28.3	22.0	16.6	17.2
Pesticides	4.6	5.0	4.6	4.3	5.2	13.2	15.6	15.6	14.6	17.6
Fuel and oil	10.5	10.1	9.2	9.6	9.7	10.5	10.3	9.6	10.0	10.0
Other	89.3	83.7	94.7	100	112.1	133.1	138.1	123.2	132.7	158.9
Repair and maintenance	20.5	19.6	22.8	23.1	24.5	14.9	14.7	15.5	15.7	17.1
Other miscellaneous	68.8	64.1	71.9	76.9	87.6	118.3	123.5	107.7	116.9	141.8
Interest	19.7	17.4	16.6	12.9	15.8	25.2	22.2	21.1	20.8	24.8
Real estate	8.8	7.6	7.0	5.1	5.5	12.4	10.7	9.8	9.0	10.4
Nonreal estate	10.9	9.8	9.6	7.8	10.3	12.8	11.5	11.2	11.8	14.4
Contract and hired labor expenses	79.1	76.7	77.3	81.7	83.8	26.8	24.9	24.6	26.0	27.0
Net rent to nonoperator landlords ²	0.0	0.2	0.1	-0.5	-0.9	12.6	13.1	13.2	11.2	12.8
Capital consumption	42.7	41.4	43.0	42.9	42.6	35.5	35.4	34.7	34.5	36.3
Property taxes	17.7	18.6	18.7	19.9	19.8	5.9	6.2	6.3	6.7	6.7
Net farm income ³	157.6	128.9	178.0	178.2	166.5	156.9	120.2	120.8	113.6	126.8
Gross cash income	452.4	438.7	482.2	487.8	482.3	685.6	669.5	659.6	663.8	706.2
Cash expenses	288.2	274.4	278.8	288.4	304.2	528.8	536.3	517.6	519.5	568.8
Cash expenses, excluding net rent	286.9	272.9	277.4	287.5	303.8	513.6	520.5	501.9	505.8	553.4
Intermediate product expenses	176.4	166.3	171.1	178.7	190.5	459.0	470.5	453.2	455.1	497.8
Interest	18.6	16.3	15.5	12.4	15.2	23.5	20.6	19.5	19.8	23.6
Cash labor expenses	76.0	73.4	74.0	78.6	80.4	25.8	23.9	23.6	25.1	26.0
Property taxes	15.9	16.8	16.8	17.9	17.7	5.3	5.6	5.6	5.9	5.9
Net rent to nonoperator landlords ⁴	1.3	1.5	1.4	0.8	0.4	15.3	15.8	15.7	13.7	15.4
Net cash income	164.2	164.3	203.4	199.4	178.2	156.8	133.2	142.0	144.3	137.4
Number of farms	3,900	3,900	4,000	3,800	3,800	2,900	2,900	2,700	2,500	2,500

See footnotes at end of table.

Continued—

Table 2-1—Farm income indicators, Florida and Georgia, 1990-94—Continued

Item	Florida					Georgia				
	1990	1991	1992	1993	1994	1990	1991	1992	1993	1994
	<i>Million dollars</i>									
Gross farm income	5,943.3	6,441.8	6,417.1	6,437.8	6,278.2	4,394.2	4,672.8	4,766.8	4,912.1	5,650.1
Gross cash income	5,841.4	6,284.4	6,292.1	6,300.1	6,126.7	4,298.8	4,373.1	4,588.7	4,816.7	5,211.6
Farm marketings	5,701.6	6,144.4	6,139.1	6,069.5	5,978.0	3,854.6	3,929.7	4,071.9	4,232.4	4,715.7
Crops	4,442.6	4,972.8	4,973.2	4,858.4	4,786.3	1,587.9	1,764.0	1,787.3	1,683.8	2,046.8
Livestock and products	1,259.0	1,171.6	1,165.9	1,211.1	1,191.6	2,266.6	2,165.7	2,284.6	2,548.5	2,668.9
Government payments	37.2	40.8	53.1	110.7	58.6	130.6	97.7	182.3	225.5	139.8
Farm-related income	102.7	99.2	99.9	119.9	90.1	313.6	345.7	334.4	358.8	356.1
Noncash income	114.3	122.4	114.3	112.8	116.8	157.9	161.4	149.8	157.5	162.3
Value of home consumption	5.1	4.9	4.6	3.5	3.4	9.1	7.6	8.1	8.7	7.8
Rental value of dwellings	109.2	117.5	109.7	109.2	113.4	148.8	153.8	141.7	148.8	154.5
Operator and other dwellings ¹	86.1	96.3	87.4	97.6	102.3	142	147.6	135.2	145.6	151.5
Hired laborer dwellings	23.1	21.2	22.4	11.7	11.1	6.7	6.2	6.5	3.1	3.0
Value of inventory adjustment	-12.4	35.1	10.7	25	34.6	-62.5	138.3	28.3	-62.1	276.2
Total production expenses	3,741.3	3,706.3	3,589.7	3,967.1	4,027.3	3,240.7	3,169.6	3,086.7	3,424.0	3,595.6
Intermediate product expenses	2,004.8	2,045.6	1,976.9	2,184.8	2,220.3	2,224.7	2,199.5	2,140.7	2,445.8	2,588.8
Farm origin	545.8	529.4	499.5	548.8	540.5	998.8	932.8	972.6	1,085.6	1,128.9
Feed purchased	316	270.3	260.2	287.8	284.5	695.0	617.1	665.5	743.8	768.3
Livestock and poultry purchased	63.2	58.6	54.8	67.5	62.2	198.9	192.5	196.6	225.8	244.5
Seed purchased	166.5	200.5	184.4	193.4	193.7	104.9	123.2	110.5	116.0	116.1
Manufactured inputs	622.2	688.3	652.1	703.4	671.8	474.1	507.9	464.3	525.5	519.5
Fertilizer and lime	230	249.1	250.3	250.4	232.6	225.2	238.3	220.1	256.3	260.9
Pesticides	265.3	313.3	290.2	340.7	335.1	124.9	146.5	134.8	158.2	155.6
Fuel and oil	126.9	125.9	111.6	112.3	104.1	124.0	123.1	109.4	111.0	103.0
Other	836.8	827.9	825.3	932.6	1,008.0	751.8	758.8	703.8	834.6	940.3
Repair and maintenance	164.6	166.9	156.8	197.4	177.6	169.3	167.8	149.5	172.9	168.1
Other miscellaneous	672.2	661	668.5	735.2	830.4	582.4	591.1	554.3	661.7	772.2
Interest	338.6	305.4	278.4	286.3	327.3	278.1	251.4	228.7	213.1	237.4
Real estate	240.2	214.9	197.6	199.5	233.6	157.7	141.1	129.6	119.6	135.8
Nonreal estate	98.4	90.5	80.9	86.8	93.7	120.5	110.4	99.0	93.5	101.6
Contract and hired labor expenses	965.7	908.1	886.9	1,028.6	1,006.6	236.5	220.4	208.0	244.2	233.9
Net rent to nonoperator landlords ²	32.5	37.9	42.4	47.2	42.1	97.3	103.0	113.7	121.1	126.6
Capital consumption	276.2	266.2	257.1	261.2	265.9	328.0	307.8	302.5	304.6	306.4
Property taxes	123.5	143	148	158.9	165.1	76.1	87.5	93.1	95.2	102.5
Net farm income ³	2,201.9	2,735.6	2,827.4	2,470.8	2,250.9	1,153.5	1,503.2	1,680.1	1,488.1	2,054.5
Gross cash income	5,841.4	6,284.4	6,292.1	6,300.1	6,126.7	4,298.8	4,373.1	4,588.7	4,816.7	5,211.6
Cash expenses	3,410.1	3,388.8	3,282.3	3,661.0	3,709.7	2,871.7	2,823.1	2,751.0	3,087.6	3,250.2
Cash expenses, excluding net rent	3,370.7	3,344.2	3,233.6	3,607.4	3,661.1	2,763.4	2,709.8	2,627.3	2,956.5	3,113.5
Intermediate product expenses	1,988.3	2,029.6	1,964.8	2,172.7	2,204.1	2,201.5	2,178.0	2,124.6	2,429.5	2,567.3
Interest	321.6	289.6	264.2	267.1	305.1	264.2	238.7	217.1	201.6	224.1
Cash labor expenses	944	889.3	863.7	1,017.1	995.5	230.5	215.3	201.7	241.1	230.9
Property taxes	116.8	135.7	141	150.6	156.5	67.3	77.9	83.9	84.3	91.2
Net rent to nonoperator landlords ⁴	39.5	44.6	48.7	53.6	48.6	108.3	113.3	123.7	131.1	136.7
Net cash income	2,431.3	2,895.6	3,009.8	2,639.1	2,417.0	1,427.1	1,550.0	1,837.7	1,729.1	1,961.4
Number of farms	41,000	40,000	39,000	39,000	39,000	48,000	46,000	46,000	46,000	45,000

See footnotes at end of table.

Continued—

Table 2-1—Farm income indicators, Hawaii and Idaho, 1990-94—Continued

Item	Hawaii					Idaho				
	1990	1991	1992	1993	1994	1990	1991	1992	1993	1994
	Million dollars									
Gross farm income	641.9	589.6	549.9	537.8	537.9	3,266.8	2,973.9	3,019.5	3,336.9	3,393.8
Gross cash income	614.1	572.6	536.3	520.5	508.0	3,044.3	2,864.6	2,945.7	3,138.4	3,228.7
Farm marketings	602.6	561.9	526.2	507.2	498.1	2,829.6	2,635.6	2,732.1	2,890.4	2,954.5
Crops	514.2	474.3	437.0	421.8	421.6	1,662.3	1,570.4	1,586.9	1,723.3	1,755.5
Livestock and products	88.4	87.6	89.2	85.4	76.5	1,167.3	1,065.2	1,145.2	1,167.1	1,199.0
Government payments	0.5	0.9	1.8	3.1	2.9	133.4	141.3	137.4	159.3	127.3
Farm-related income	10.9	9.9	8.3	10.2	7.0	81.2	87.8	76.2	88.7	146.9
Noncash income	24.1	23.9	23.8	24.1	24.9	100.6	101.6	97.6	98.1	100.7
Value of home consumption	1.1	2.0	1.5	1.1	1.1	10.7	9.5	8.3	8.2	7.4
Rental value of dwellings	23.0	21.8	22.4	23.0	23.9	89.9	92.1	89.3	89.9	93.3
Operator and other dwellings ¹	14.1	12.3	13.9	17.0	17.8	77.0	76.5	78.8	76.9	80.8
Hired laborer dwellings	8.9	9.6	8.5	6.0	6.1	12.9	15.6	10.5	13.0	12.6
Value of inventory adjustment	3.8	-6.9	-10.2	-6.9	4.9	121.9	7.8	-23.8	100.3	64.4
Total production expenses	526.1	512.6	504.8	489.4	511.3	2,254.7	2,150.3	2,153.0	2,295.1	2,728.7
Intermediate product expenses	205.4	196.7	188.5	192.3	204.6	1,345.7	1,297.4	1,321.9	1,407.8	1,722.7
Farm origin	51.7	42.6	42.3	43.5	44.0	513.2	452.7	457.0	481.4	559.5
Feed purchased	38.0	29.2	29.8	31.3	30.6	252.1	213.2	225.6	221.7	279.5
Livestock and poultry purchased	1.0	1.0	0.9	0.9	1.7	176.4	142.7	142.1	164.3	168.0
Seed purchased	12.6	12.5	11.6	11.4	11.7	84.6	96.8	89.3	95.4	111.9
Manufactured inputs	70.6	70.6	65.2	59.9	61.4	303.9	309.7	316.9	324.5	392.2
Fertilizer and lime	34.5	34.9	30.7	25.6	26.9	154.1	156.5	170.9	173.4	219.2
Pesticides	18.4	18.7	18.6	18.2	18.6	60.9	66.6	68.5	75.4	88.2
Fuel and oil	17.7	17.0	15.9	16.0	15.9	89.0	86.6	77.5	75.7	84.8
Other	83.1	83.4	81.1	89.0	99.2	528.6	535.1	547.9	601.9	771.1
Repair and maintenance	16.5	16.8	17.8	19.4	19.6	100.7	96.7	111.8	110.1	133.2
Other miscellaneous	66.6	66.6	63.3	69.5	79.6	428.0	438.4	436.1	491.8	637.9
Interest	30.1	27.0	25.3	19.2	20.5	221.4	202.1	181.8	192.5	210.6
Real estate	19.7	17.4	16.9	12.0	12.2	111.4	100.6	90.8	94.3	95.0
Nonreal estate	10.4	9.6	8.4	7.2	8.3	110.0	101.5	91.0	98.2	115.6
Contract and hired labor expenses	187.9	185.2	190.9	180.4	185.3	217.3	209.9	202.4	246.0	315.5
Net rent to nonoperator landlords ²	30.5	24.6	20.6	18.0	20.1	157.1	131.0	138.2	134.3	151.1
Capital consumption	41.4	41.8	41.7	41.3	41.0	242.6	241.4	237.3	237.8	244.1
Property taxes	30.9	37.2	37.7	38.2	39.9	70.6	68.5	71.5	76.6	84.7
Net farm income ³	115.8	77.0	45.1	48.4	26.6	1,012.1	823.6	866.5	1,041.8	665.1
Gross cash income	614.1	572.6	536.3	520.5	508.0	3,044.3	2,864.6	2,945.7	3,138.4	3,228.7
Cash expenses	472.6	458.0	451.9	437.6	458.9	1,991.8	1,887.9	1,899.8	2,039.7	2,458.9
Cash expenses, excluding net rent	440.3	431.7	429.6	417.9	437.2	1,815.5	1,737.9	1,743.1	1,887.0	2,289.0
Intermediate product expenses	202.4	193.7	185.9	190.1	201.8	1,336.2	1,289.3	1,313.4	1,400.9	1,708.1
Interest	29.1	26.1	24.5	18.0	19.3	212.4	193.8	174.5	183.5	200.7
Cash labor expenses	180.2	177.3	184.1	174.4	179.2	203.3	192.6	190	232.9	303.0
Property taxes	28.6	34.6	35.0	35.3	36.9	63.6	62.3	65.1	69.7	77.2
Net rent to nonoperator landlords ⁴	32.3	26.4	22.4	19.7	21.8	176.3	150.0	156.7	152.7	169.9
Net cash income	141.5	114.6	84.3	83.0	49.1	1,052.5	976.7	1,045.9	1,098.7	769.8
Number of farms	4,700	4,700	4,800	4,800	4,800	21,800	21,400	21,000	20,500	20,500

Number

See footnotes at end of table.

Continued—

Table 2-1—Farm income indicators, Illinois and Indiana, 1990-94—Continued

Item	Illinois					Indiana				
	1990	1991	1992	1993	1994	1990	1991	1992	1993	1994
	<i>Million dollars</i>									
Gross farm income	8,978.5	8,103.2	9,320.2	9,025.6	9,715.0	5,588.8	4,815.0	5,597.0	5,824.3	5,712.4
Gross cash income	8,545.7	8,129.9	8,128.3	9,261.7	8,716.3	5,302.6	4,811.8	4,803.1	5,874.0	5,081.3
Farm marketings	7,779.2	7,468.8	7,435.3	8,150.5	8,222.8	4,904.3	4,465.5	4,442.0	5,340.9	4,837.6
Crops	5,335.6	5,153.7	5,269.7	5,916.2	6,158.1	2,868.1	2,563.6	2,623.9	3,427.6	3,072.2
Livestock and products	2,443.6	2,315.1	2,165.6	2,234.3	2,064.7	2,036.2	1,901.9	1,818.1	1,913.3	1,765.4
Government payments	506.6	441.4	480.7	851.2	303.2	244.2	210.1	232.5	379.0	137.0
Farm-related income	259.9	219.7	212.4	259.9	190.3	154.1	136.3	128.6	154.1	106.7
Noncash income	316.6	293.3	302.0	300.0	307.9	283.9	258.6	268.6	283.6	291.0
Value of home consumption	37.8	30.4	29.1	21.2	18.4	18	14.0	14.2	17.7	14.9
Rental value of dwellings	278.8	262.9	272.9	278.8	289.5	265.9	244.6	254.4	265.9	276.1
Operator and other dwellings ¹	264.7	247.5	259.6	270.8	280.0	255.8	233.6	244.9	260.3	269.4
Hired laborer dwellings	14.1	15.5	13.4	8.1	9.5	10.1	11.1	9.5	5.6	6.6
Value of inventory adjustment	116.2	-320.0	889.9	-536.1	690.8	2.4	-255.5	525.2	-333.3	340.1
Total production expenses	7,522.1	7,457.6	7,687.1	7,792.8	7,795.6	4,748.9	4,633.9	4,778.0	4,906.6	4,855.3
Intermediate product expenses	3,746.6	3,894.7	3,941.5	4,065.3	4,197.9	2,656.2	2,689.9	2,731.5	2,786.7	2,872.7
Farm origin	1,183.6	1,183.4	1,265.3	1,285.1	1,275.3	1,046.6	1,050.7	1,089.0	1,107.2	1,118.6
Feed purchased	568.6	573.3	647.8	645.6	666.9	682.1	669.7	703.4	690.1	722.4
Livestock and poultry purchased	250.1	204.5	206.5	203.7	178.4	161.6	152.6	151.3	168.5	151.0
Seed purchased	364.9	405.6	411.0	435.8	430.0	202.9	228.4	234.4	248.5	245.2
Manufactured inputs	1,368.1	1,525.5	1,492.0	1,467.7	1,565.0	838.7	891.6	894.3	834.4	907.3
Fertilizer and lime	674.7	768.6	731.7	688.5	731.7	433.3	449.4	444.9	372.6	415.6
Pesticides	401.9	481.6	492.8	507.9	570.4	223.6	269.4	277.2	285.7	320.8
Fuel and oil	291.5	275.2	268.2	271.3	263.0	181.8	172.7	172.2	176.1	170.8
Other	1,194.9	1,185.8	1,184.2	1,312.5	1,357.6	770.9	747.6	748.2	845.1	846.9
Repair and maintenance	366.2	380.6	377.7	380.6	380.8	261.7	262.9	257.1	257.9	258.4
Other miscellaneous	828.7	805.3	806.5	931.9	976.7	509.3	484.8	491.1	587.1	588.4
Interest	731.8	667.2	614.1	579.4	600.1	462.6	421.9	390.6	356.7	368.4
Real estate	410.5	369.7	356.0	330.2	331.5	278.9	251.2	241.9	221.5	222.3
Nonreal estate	321.2	297.5	258.1	249.2	268.6	183.7	170.7	148.7	135.2	146.1
Contract and hired labor expenses	316.7	304.5	325.5	345.0	329.4	226.3	216.3	230.4	243.1	232.7
Net rent to nonoperator landlords ²	1,283.2	1,142.2	1,346.5	1,331.3	1,163.8	542.8	459.1	565.2	653.0	479.1
Capital consumption	963.6	978.1	978.2	978.1	1,002.4	651.9	641.7	653.9	653.3	685.8
Property taxes	480.3	470.9	481.3	493.7	502.1	209.1	204.9	206.4	213.9	216.8
Net farm income ³	1,456.4	645.6	1,633.1	1,232.7	1,919.4	839.9	181.0	819	917.7	857.1
Gross cash income	8,545.7	8,129.9	8,128.3	9,261.7	8,716.3	5,302.6	4,811.8	4,803.1	5,874.0	5,081.3
Cash expenses	6,637.0	6,563.4	6,791.2	6,892.5	6,863.4	4,079.7	3,978.2	4,110.3	4,244.7	4,154.9
Cash expenses, excluding net rent	5,172.7	5,238.8	5,264.3	5,381.9	5,516.2	3,466.6	3,450.4	3,475.9	3,523.1	3,603.9
Intermediate product expenses	3,719.9	3,869.4	3,912.8	4,037.8	4,164.2	2,630.6	2,666.3	2,704.7	2,760.7	2,841.3
Interest	703.8	640.9	591.3	548.7	565.7	434.6	396.0	367.3	336.1	345.1
Cash labor expenses	302.8	289.5	311.9	336.9	319.9	216.6	205.8	221.0	237.5	226.0
Property taxes	446.2	438.9	448.2	458.5	466.4	184.9	182.2	182.9	188.9	191.4
Net rent to nonoperator landlords ⁴	1,464.3	1,324.6	1,526.9	1,510.6	1,347.2	613.1	527.8	634.4	721.6	551.0
Net cash income	1,908.7	1,566.5	1,337.1	2,369.1	1,852.9	1,222.9	833.6	692.9	1,629.2	926.4
Number of farms	83,000	82,000	81,000	79,000	77,000	68,000	65,000	65,000	63,000	63,000

See footnotes at end of table.

Continued—

Table 2-1—Farm income indicators, Iowa and Kansas, 1990-94—Continued

Item	Iowa					Kansas				
	1990	1991	1992	1993	1994	1990	1991	1992	1993	1994
	<i>Million dollars</i>									
Gross farm income	11,959.3	11,346.1	12,453.6	10,618.4	13,116.1	8,763.8	7,925.2	8,705.7	8,582.6	9,053.2
Gross cash income	11,403.0	11,187.6	11,786.8	12,015.5	11,152.7	8,167.2	8,062.2	8,073.5	8,457.0	8,516.6
Farm marketings	10,273.2	10,193.5	10,785.5	10,389.7	10,084.3	6,991.5	7,019.7	7,171.3	7,335.5	7,687.3
Crops	4,411.1	4,624.2	5,140.3	4,605.7	4,964.4	2,023.4	2,264.0	2,372.0	2,478.1	2,878.6
Livestock and products	5,862.1	5,569.3	5,645.3	5,784.0	5,119.9	4,968.2	4,755.7	4,799.3	4,857.4	4,808.7
Government payments	753.7	645.0	662.3	1,229.5	732.6	834.7	697.9	592.1	784.0	467.7
Farm-related income	376.0	349.2	339.0	396.3	335.8	340.9	344.6	310.1	337.5	361.6
Noncash income	322.2	289.1	297.9	307.8	317.6	199.3	194.2	200.0	195.1	205.2
Value of home consumption	33.0	26.2	21.7	18.6	17.3	16.8	13.3	17.5	12.7	15.8
Rental value of dwellings	289.2	262.9	276.2	289.2	300.3	182.5	180.9	182.5	182.5	189.5
Operator and other dwellings ¹	274.7	247.0	262.5	282.3	292.1	172.5	170.5	171.7	171.1	176.1
Hired laborer dwellings	14.5	15.9	13.7	7.0	8.2	10.0	10.5	10.8	11.4	13.4
Value of inventory adjustment	234.1	-130.6	368.9	-1704.9	1,645.8	397.3	-331.3	432.2	-69.6	331.3
Total production expenses	9,680.4	9,622.0	9,997.9	9,988.6	10,322.8	7,042.0	6,793.9	6,951.6	7,070.1	7,375.1
Intermediate product expenses	5,736.6	5,738.3	6,057.8	6,267.8	6,324.5	4,969.3	4,831.4	4,963.0	5,018.5	5,253.6
Farm origin	2,835.9	2,725.9	3,029.2	3,113.5	3,084.1	3,193.9	3,012.4	3,128.9	3,101.1	3,152.7
Feed purchased	1,398.9	1,415.7	1,662.3	1,631.8	1,706.0	883.2	783.9	799.8	814.7	895.3
Livestock and poultry purchased	1,045.9	873.7	922.7	1,010.6	913.4	2,202.5	2,113.0	2,218.7	2,170.0	2,131.3
Seed purchased	391.1	436.5	444.2	471.0	464.7	108.2	115.5	110.4	116.4	126.2
Manufactured inputs	1,304.2	1,412.3	1,400.7	1,394.7	1,467.1	672.3	687.9	683.9	670.5	714.2
Fertilizer and lime	595.9	638.4	612.7	583.6	605.7	274.5	280.4	268.5	263.7	289.1
Pesticides	380.5	460.3	475.4	490.0	550.2	135.1	156.3	171.5	173.6	193.5
Fuel and oil	327.8	313.6	312.6	321.2	311.2	262.7	251.2	243.8	233.2	231.6
Other	1,596.5	1,600.2	1,627.9	1,759.6	1,773.3	1,103.1	1,131.1	1,150.2	1,246.8	1,386.6
Repair and maintenance	438.5	454.3	447.9	454.0	449.0	339.6	343.7	336.7	366.8	372.1
Other miscellaneous	1,158.1	1,145.9	1,180.0	1,305.6	1,324.3	763.5	787.4	813.5	880.0	1,014.5
Interest	940.2	858.3	785.3	819.1	837.8	534.3	485.1	465.8	457.6	499.3
Real estate	491.2	442.3	426.0	437.3	431.5	215.2	188.3	202.3	193.4	202.3
Nonreal estate	448.9	415.9	359.3	381.7	406.3	319.1	296.8	263.6	264.1	297.0
Contract and hired labor expenses	297.7	276.2	285.2	301.0	288.1	219.3	192.8	201.2	216.1	242.3
Net rent to nonoperator landlords ²	1,095.9	1,136.2	1,232.6	943.8	1,197.6	420.7	356.6	379.4	441.5	422.0
Capital consumption	1,140.9	1,153.1	1,168.7	1,175.3	1,185.6	647.0	657.3	645.4	642.1	648.8
Property taxes	469.1	459.9	468.3	481.6	489.3	251.3	270.7	296.7	294.3	309.3
Net farm income ³	2,278.9	1,724.1	2,455.7	629.9	2,793.3	1,721.9	1,131.3	1,754.1	1,512.5	1,678.1
Gross cash income	11,403.0	11,187.6	11,786.8	12,015.5	11,152.7	8,167.2	8,062.2	8,073.5	8,457.0	8,516.6
Cash expenses	8,583.6	8,519.2	8,881.0	8,861.0	9,173.3	6,348.5	6,084.8	6,270.4	6,387.2	6,674.0
Cash expenses, excluding net rent	7,329.5	7,224.4	7,489.6	7,758.3	7,815.9	5,893.2	5,693.4	5,857.2	5,912.4	6,218.4
Intermediate product expenses	5,709.7	5,712.9	6,028.7	6,239.7	6,290.8	4,932.8	4,788.8	4,938.3	4,997.7	5,224.9
Interest	900.2	821.0	752.3	778.3	791.8	521.0	472.9	455.0	439.8	479.4
Cash labor expenses	284.8	262.8	273.5	294.1	279.9	209.8	183.1	190.0	204.6	228.9
Property taxes	434.9	427.7	435.1	446.2	453.5	229.6	248.6	273.9	270.4	285.2
Net rent to nonoperator landlords ⁴	1,254.0	1,294.7	1,391.4	1,102.7	1,357.4	455.3	391.4	413.2	474.9	455.6
Net cash income	2,819.4	2,668.4	2,905.8	3,154.5	1,979.4	1,818.7	1,977.4	1,803.1	2,069.7	1,842.7
Number of farms	104,000	103,000	103,000	102,000	101,000	69,000	69,000	67,000	65,000	65,000

Number

See footnotes at end of table.

Continued—

Table 2-1—Farm income indicators, Kentucky and Louisiana, 1990-94—Continued

Item	Kentucky					Louisiana				
	1990	1991	1992	1993	1994	1990	1991	1992	1993	1994
	<i>Million dollars</i>									
Gross farm income	3,606.2	3,691.5	3,938.6	3,860.1	3,879.4	2,199.2	2,169.9	2,278.4	2,300.9	2,485.2
Gross cash income	3,331.2	3,429.4	3,498.0	3,753.1	3,534.6	2,159.9	1,966.5	2,268.7	2,278.8	2,288.2
Farm marketings	3,098.7	3,196.1	3,194.0	3,414.3	3,230.3	1,907.4	1,683.0	1,899.6	1,795.1	2,012.7
Crops	1,404.4	1,485.0	1,562.3	1,689.5	1,584.8	1,279.0	1,065.6	1,289.3	1,090.2	1,309.0
Livestock and products	1,694.3	1,711.1	1,631.7	1,724.7	1,645.4	628.4	617.4	610.2	704.9	703.7
Government payments	81.6	73.4	72.1	96.7	54.9	154.6	174.6	270.8	367.4	181.6
Farm-related income	150.9	159.9	231.9	242.2	249.4	97.9	108.9	98.3	116.3	94.0
Noncash income	244.8	229.9	233.6	240.1	248.9	81.3	81.7	78.0	78.3	80.9
Value of home consumption	23.4	21.5	20.9	18.7	19.0	6.9	5.4	5.2	3.9	3.7
Rental value of dwellings	221.4	208.4	212.6	221.4	229.9	74.4	76.2	72.8	74.4	77.2
Operator and other dwellings ¹	212.7	198.5	203.9	213.8	220.5	66.7	67.2	67	68.1	71.2
Hired laborer dwellings	8.8	9.9	8.7	7.7	9.4	7.7	9	5.8	6.3	6.1
Value of inventory adjustment	30.2	32.1	207.1	-133.1	96	-42	121.8	-68.4	-56.2	116.0
Total production expenses	2,535.7	2,590.6	2,603.0	2,733.7	2,670.2	1,872.3	1,889.3	1,830.3	1,924.2	1,965.0
Intermediate product expenses	1,330.5	1,399.8	1,360.8	1,486.2	1,395.1	1,079.1	1,124.8	1,089.5	1,187.8	1,239.6
Farm origin	418.8	471.5	449.3	483.3	461.1	268.3	269.8	253.8	294.1	307.1
Feed purchased	146.1	127.9	155.0	160.6	182.1	177.0	170.7	156.6	193.2	200.6
Livestock and poultry purchased	210.8	274.1	232.6	258.4	216.8	28.9	29.5	32.4	36.2	37.2
Seed purchased	61.9	69.4	61.8	64.3	62.1	62.5	69.7	64.8	64.6	69.3
Manufactured inputs	299.6	314.6	300.5	315.8	313.8	351.0	389.2	381.7	362.3	375.7
Fertilizer and lime	146.9	156.4	143.1	153.5	153	111.9	115.7	114.8	103.9	114.7
Pesticides	59.5	68.7	69.2	73.8	69.5	152.4	187.7	189.9	182.6	188.2
Fuel and oil	93.2	89.4	88.2	88.6	91.2	86.7	85.8	76.9	75.8	72.7
Other	612.1	613.7	610.9	687.1	620.3	459.8	465.7	454.0	531.4	556.8
Repair and maintenance	187.9	188.9	161.8	210.6	189.1	119.0	114.8	122.9	125.2	120.9
Other miscellaneous	424.2	424.8	449.2	476.5	431.1	340.9	350.9	331.2	406.2	435.8
Interest	253.0	228.6	207.0	198.0	219.7	184.0	163.7	153.2	133.9	135.7
Real estate	155.0	138.3	129.6	124.5	135.3	79.4	70.4	73.3	58.9	57.8
Nonreal estate	98.1	90.3	77.4	73.5	84.4	104.7	93.3	80.0	74.9	77.9
Contract and hired labor expenses	206.3	202.3	208.3	216.9	224.2	166.6	168.6	162.3	172.1	157.2
Net rent to nonoperator landlords ²	133.4	155.1	210.7	196.8	186.9	206.7	208.2	201.6	207.2	202.1
Capital consumption	552.5	541.4	547.7	566.3	574.0	209.0	198.5	197.5	194.4	197.5
Property taxes	60.0	63.5	68.4	69.5	70.3	26.8	25.5	26.1	28.9	32.9
Net farm income ³	1,070.5	1,100.8	1,335.7	1,126.5	1,209.2	326.9	280.6	448.0	376.7	520.2
Gross cash income	3,331.2	3,429.4	3,498.0	3,753.1	3,534.6	2,159.9	1,966.5	2,268.7	2,278.8	2,288.2
Cash expenses	2,011.8	2,073.2	2,091.3	2,215.4	2,143.3	1,648.6	1,676.7	1,622.2	1,715.8	1,745.1
Cash expenses, excluding net rent	1,772.5	1,815.2	1,777.7	1,912.8	1,849.3	1,432.5	1,459.6	1,411.8	1,500.1	1,534.4
Intermediate product expenses	1,294.6	1,361.1	1,331.2	1,457.5	1,368.0	1,070.5	1,117.4	1,082.9	1,179.6	1,223.4
Interest	229.5	207.0	187.1	185.7	205.9	178.5	158.6	148.8	128.4	129.9
Cash labor expenses	197.0	191.8	199.9	209.3	214.8	159.4	160.4	156.4	165.9	151.1
Property taxes	51.4	55.2	59.5	60.2	60.6	24.0	23.1	23.7	26.2	29.9
Net rent to nonoperator landlords ⁴	239.3	258.1	313.6	302.6	294.0	216.1	217.1	210.4	215.7	210.7
Net cash income	1,319.3	1,356.2	1,406.7	1,537.7	1,391.2	511.3	289.8	646.6	563.0	543.2
Number of farms	93,000	91,000	91,000	91,000	89,000	32,000	30,000	29,000	29,000	28,000

See footnotes at end of table.

Continued—

Table 2-1—Farm income indicators, Maine and Maryland, 1990-94—Continued

Item	Maine					Maryland				
	1990	1991	1992	1993	1994	1990	1991	1992	1993	1994
	<i>Million dollars</i>									
Gross farm income	566.4	496.4	575	549.9	555.9	1,569.5	1,519.2	1,556.6	1,511.5	1,572.9
Gross cash income	516.7	469.1	487.7	491.5	512.3	1,472.0	1,457.8	1,438.8	1,466.0	1,446.6
Farm marketings	488.6	441.8	458.2	453.3	482.7	1,359.1	1,332.6	1,323.2	1,345.3	1,344.7
Crops	235.3	194.2	210.6	184.8	206.7	535.9	537.8	537.8	524.6	551.2
Livestock and products	253.4	247.5	247.7	268.5	276.0	823.1	794.7	785.4	820.8	793.5
Government payments	7.0	6.1	10.3	19.7	14.1	17.4	15.3	16.1	26.3	15.6
Farm-related income	21.1	21.2	19.2	18.5	15.4	95.6	109.8	99.6	94.4	86.3
Noncash income	39.5	36.5	36.3	38.8	39.9	89.0	77.0	83.3	88.7	90.7
Value of home consumption	3.4	3.3	2.6	2.7	2.5	7.9	7.1	8.0	7.7	6.5
Rental value of dwellings	36.1	33.2	33.7	36.1	37.4	81.1	69.9	75.3	81.1	84.2
Operator and other dwellings ¹	33.7	30.6	31.1	33.6	34.8	77.4	65.9	71.1	77.3	80.1
Hired laborer dwellings	2.4	2.5	2.7	2.4	2.6	3.7	3.9	4.2	3.7	4
Value of inventory adjustment	10.2	-9.2	51.0	19.6	3.7	8.5	-15.5	34.4	-43.2	35.7
Total production expenses	429.4	420	413.8	421.3	458.1	1,217.7	1,237.1	1,222.8	1,231.4	1,296.6
Intermediate product expenses	244.7	241.4	235.4	238.8	269.0	821.7	848.2	830.5	839.2	885.5
Farm origin	86.1	88.1	84.0	88.1	92.5	397.1	396.2	405.2	411.4	400.5
Feed purchased	63.3	62.1	60.9	64.4	67.0	287	283.8	296.8	299.8	287.4
Livestock and poultry purchased	5.9	6.1	6.0	6.5	5.9	76.5	73.5	75.6	78.7	75.5
Seed purchased	16.9	19.9	17.1	17.2	19.6	33.6	38.9	32.8	32.9	37.6
Manufactured inputs	48.7	52.1	48.4	42.7	49.1	115.4	141.1	132.6	112.6	123.9
Fertilizer and lime	19.2	20.4	17.7	12.9	16.0	50.6	72.1	66.4	48.8	53.3
Pesticides	14.2	16.6	16.6	15.5	18.7	30.6	35.8	35.8	33.4	40.2
Fuel and oil	15.3	15.1	14.1	14.4	14.4	34.2	33.2	30.4	30.3	30.4
Other	109.9	101.2	103	108	127.4	309.2	310.9	292.6	315.2	361.1
Repair and maintenance	28.8	27.7	29.4	29.3	31.4	65.1	64.5	71.4	72.5	77.6
Other miscellaneous	81.0	73.6	73.7	78.7	96.0	244.1	246.4	221.2	242.7	283.4
Interest	27.3	24.3	23.3	21.4	24.8	82.4	72.5	68.3	63.6	75.4
Real estate	8.6	7.4	6.8	6.9	7.2	47.6	41.2	37.7	38.3	43.0
Nonreal estate	18.8	16.9	16.6	14.5	17.6	34.8	31.4	30.6	25.3	32.5
Contract and hired labor expenses	63.7	61.4	62.2	65.7	67.9	97.3	93.4	94.0	99.3	102.2
Net rent to nonoperator landlords ²	9.6	9.4	8.5	8.6	8.4	33.2	37.1	37.6	31.4	34.0
Capital consumption	63.7	62.0	63.0	63.9	65.4	144.7	145.4	151.8	154.7	156.3
Property taxes	20.4	21.5	21.3	23.0	22.7	38.5	40.3	40.7	43.3	43.2
Net farm income ³	137.0	76.3	161.3	128.5	97.7	351.7	282.1	333.8	280.2	276.3
Gross cash income	516.7	469.1	487.7	491.5	512.3	1,472.0	1,457.8	1,438.8	1,466.0	1,446.6
Cash expenses	355.6	348.5	339.2	346.4	381.5	1,058.6	1,078.4	1,053.6	1,061.2	1,124.2
Cash expenses, excluding net rent	344.2	337.3	328.9	336.1	371.3	1,015.6	1,031.3	1,005.8	1,019.5	1,079.8
Intermediate product expenses	240.6	237.9	230.2	233.4	263.9	813.4	840.7	818.8	827.0	873.8
Interest	25.7	22.8	21.9	20.6	24.0	75.1	65.7	61.7	59.3	70.6
Cash labor expenses	61.2	58.8	59.5	63.2	65.2	93.5	89.5	90.0	95.5	98.1
Property taxes	16.6	17.9	17.3	18.8	18.2	33.5	35.5	35.3	37.6	37.3
Net rent to nonoperator landlords ⁴	11.4	11.2	10.3	10.3	10.2	43.1	47.0	47.8	41.7	44.4
Net cash income	161.1	120.6	148.6	145.1	130.7	413.4	379.4	385.2	404.8	322.4
Number of farms	7,200	7,100	7,300	7,300	7,600	15,200	15,400	15,600	15,000	14,500

See footnotes at end of table.

Continued—

Table 2-1—Farm income indicators, Massachusetts and Michigan, 1990-94—Continued

Item	Massachusetts					Michigan				
	1990	1991	1992	1993	1994	1990	1991	1992	1993	1994
	<i>Million dollars</i>									
Gross farm income	485.5	501.0	527.6	551.5	529.7	3,733.8	3,722.7	3,662.1	3,921.2	3,835.4
Gross cash income	432.6	463.7	479.1	507.4	474.4	3,460.3	3,483.9	3,447.3	3,692.7	3,639.7
Farm marketings	411.7	444.9	460.2	490.6	458.7	3,161.8	3,223.6	3,196.3	3,327.5	3,418.9
Crops	288.2	324.6	334.9	369.5	341.4	1,744.9	1,936.0	1,886.7	1,959.5	2,009.2
Livestock and products	123.6	120.4	125.3	121.1	117.3	1,416.9	1,287.7	1,309.6	1,368.0	1,409.6
Government payments	3.0	1.5	4.8	3.6	4.7	168.8	123.7	142.5	241.3	102.1
Farm-related income	17.8	17.3	14.1	13.2	11.0	129.7	136.6	108.5	123.8	118.7
Noncash income	51.6	47.4	48.3	51.2	52.5	205.9	210.0	206.4	202.4	208.8
Value of home consumption	2.5	2.3	2.1	2.1	1.4	16.1	14.0	13.9	12.6	11.7
Rental value of dwellings	49.2	45.1	46.2	49.2	51.0	189.8	196.1	192.5	189.8	197.0
Operator and other dwellings ¹	46.1	41.8	42.8	46.1	47.7	175.5	179.5	181.1	173.9	187.1
Hired laborer dwellings	3.1	3.3	3.5	3.1	3.3	14.3	16.6	11.4	15.9	9.9
Value of inventory adjustment	1.2	-10.1	0.2	-7.1	2.8	67.6	28.7	8.4	26.1	-13.0
Total production expenses	360.7	357.1	358.4	365.6	389.8	3,162.8	3,297.1	3,266.3	3,461.6	3,642.9
Intermediate product expenses	173.0	175.5	174.3	175.7	194.9	1,715.7	1,849.1	1,803.7	1,975.6	2,166.3
Farm origin	44.1	46.5	44.4	43.7	43.4	501.5	536.5	567.2	626.0	676.4
Feed purchased	31.9	32.1	31.5	30.7	28.9	309.8	299.3	328.1	348.1	390.8
Livestock and poultry purchased	1.4	1.4	1.3	1.4	1.3	44.4	71.0	67.7	93.9	86.9
Seed purchased	10.8	13.1	11.5	11.6	13.2	147.4	166.3	171.4	184	198.6
Manufactured inputs	32.6	33.3	31.2	29.8	32.1	506.9	561.3	535.9	555.9	610.0
Fertilizer and lime	11.8	12.0	11.5	10.2	10.9	220.4	247.0	235.9	237.2	274.7
Pesticides	7.4	8.2	7.8	7.3	8.8	148.8	179.7	169.7	184.5	198.4
Fuel and oil	13.5	13.1	11.9	12.4	12.5	137.7	134.6	130.3	134.3	137.0
Other	96.3	95.6	98.7	102.2	119.3	707.4	751.3	700.6	793.7	879.9
Repair and maintenance	30.6	29.7	33.7	33.7	35.8	245.8	253.0	212.0	231.6	266.4
Other miscellaneous	65.7	66.0	65.0	68.5	83.5	461.6	498.3	488.7	562.1	613.5
Interest	21.9	19.4	18.6	19.9	22.9	270.7	246.7	215.5	194.8	214.3
Real estate	7.4	6.4	5.9	8.0	8.6	144.9	130.1	116.0	104.7	111
Nonreal estate	14.5	13.0	12.7	11.9	14.3	125.7	116.5	99.6	90.1	103.4
Contract and hired labor expenses	80.6	77.3	77.6	82.0	84.5	373.3	391.9	427.5	435.4	451.4
Net rent to nonoperator landlords ²	-1.9	-1.8	-1.9	-2.2	-2.5	12.7	2.8	6.4	44.5	-3.0
Capital consumption	63.0	61.8	63.7	63.2	62.5	508.2	520.3	520.9	508.9	515.2
Property taxes	24.2	24.9	26.0	26.9	27.6	282.3	286.3	292.2	302.3	298.7
Net farm income ³	124.8	143.8	169.2	186.0	139.9	571.0	425.6	395.8	459.6	192.5
Gross cash income	432.6	463.7	479.1	507.4	474.4	3,460.3	3,483.9	3,447.3	3,692.7	3,639.7
Cash expenses	286.4	284.6	281.3	289.3	314.2	2,590.4	2,711.8	2,690.2	2,905.8	3,056.3
Cash expenses, excluding net rent	286.8	284.8	281.6	289.9	315.2	2,532.4	2,662.9	2,638.3	2,817.0	3,014.5
Intermediate product expenses	167.6	170.7	167.2	168.7	188.4	1,689.0	1,820.3	1,777.9	1,959.4	2,122.0
Interest	20.7	18.3	17.5	19.0	22.0	252.0	229.3	199.3	184.6	202.9
Cash labor expenses	77.5	74	74.3	78.9	81.1	358.9	375.2	414.8	419.5	441.4
Property taxes	21.0	21.8	22.6	23.3	23.7	232.6	238.2	246.3	253.6	248.2
Net rent to nonoperator landlords ⁴	-0.3	-0.2	-0.3	-0.7	-1	58.0	48.9	52.0	88.7	41.8
Net cash income	146.2	179.1	197.8	218.2	160.2	869.9	772.1	757.1	786.9	583.4
Number of farms	6,400	6,400	6,400	6,200	6,000	54,000	54,000	54,000	52,000	52,000

See footnotes at end of table.

Continued—

Table 2-1—Farm income indicators, Minnesota and Mississippi, 1990-94—Continued

Item	Minnesota					Mississippi				
	1990	1991	1992	1993	1994	1990	1991	1992	1993	1994
	<i>Million dollars</i>									
Gross farm income	8,615.3	7,880.6	7,920.1	7,043.3	8,928.2	2,902.1	3,049.1	3,255.2	3,233.9	3,679.5
Gross cash income	7,711.9	7,991.2	7,527.4	7,508.4	7,558.7	2,767.0	2,766.0	3,110.2	3,202.6	3,336.2
Farm marketings	6,888.1	7,272.8	6,801.7	6,334.4	6,522.3	2,404.9	2,391.7	2,641.5	2,632.3	2,916.4
Crops	3,138.6	3,688.1	3,196.0	2,579.8	3,075.1	1,112.6	1,120.5	1,309.2	1,064.2	1,210.0
Livestock and products	3,749.5	3,584.8	3,605.7	3,754.6	3,447.3	1,292.3	1,271.2	1,332.3	1,568.1	1,706.3
Government payments	511.8	435.8	422.0	823.3	622.3	186.0	176.3	279.9	383.8	225.5
Farm-related income	312.0	282.5	303.7	350.8	414.1	176.2	198.0	188.8	186.6	194.3
Noncash income	337.9	345.3	338.2	330.1	341.1	138.4	143.9	134.8	136.5	140.1
Value of home consumption	30.2	25.2	26.3	22.4	21.6	9.5	8.4	8.1	7.6	6.3
Rental value of dwellings	307.7	320.1	311.9	307.7	319.5	128.9	135.5	126.6	128.9	133.8
Operator and other dwellings ¹	293.3	303.4	300.4	294.6	311.3	119.9	125.0	119.9	121.7	126.9
Hired laborer dwellings	14.4	16.7	11.5	13.1	8.2	9.0	10.6	6.7	7.2	7.0
Value of inventory adjustment	565.5	-455.9	54.5	-795.1	1,028.4	-3.4	139.2	10.3	-105.2	203.2
Total production expenses	6,560.5	6,705.8	6,626.9	7,007.9	7,521.1	2,623.7	2,695.7	2,609.4	2,888.7	3,009.9
Intermediate product expenses	3,991.3	4,223.6	4,173.2	4,504.9	4,927.3	1,727.4	1,828.1	1,764.3	2,021.0	2,155.4
Farm origin	1,497.8	1,538.5	1,654.9	1,755.1	1,863.9	611.5	641.2	618.4	733.7	803.3
Feed purchased	830.6	817.3	924.9	990.3	1,048.9	461.9	477.3	451.9	557.6	606.1
Livestock and poultry purchased	382.6	395.5	389.2	399.2	381.4	97.8	105.5	111.5	121.3	138.5
Seed purchased	284.6	325.7	340.7	365.7	433.6	51.8	58.4	54.9	54.8	58.8
Manufactured inputs	1,008.6	1,085.0	1,037.5	1,106.6	1,227.1	441.7	484.1	473.2	461.4	458.5
Fertilizer and lime	431.2	446.1	420.1	451.1	510.2	155.4	152.6	145.1	141.3	134.6
Pesticides	287.5	354.8	342.3	372.1	427.7	186.5	233.9	241.1	231.9	238.9
Fuel and oil	289.9	284.0	275.0	283.4	289.1	99.7	97.6	87.0	88.3	85.0
Other	1,484.9	1,600.1	1,480.5	1,643.1	1,836.3	674.3	702.8	672.7	825.9	893.5
Repair and maintenance	461.1	470.0	394.4	444.0	492.6	145.1	141.1	149.6	161.8	154.0
Other miscellaneous	1,023.7	1,130.1	1,086.4	1,199.1	1,343.7	529.2	561.7	523.1	664.1	739.6
Interest	668.8	609.9	527.9	527.1	588.9	253.0	225.5	212.6	201.8	204.7
Real estate	332.4	298.4	265.9	263.6	286.9	122.8	108.9	113.3	95.3	96.5
Nonreal estate	336.4	311.4	262.0	263.5	302.0	130.2	116.6	99.3	106.5	108.2
Contract and hired labor expenses	332.5	336.3	352.6	360.4	373.0	194.5	196.1	189.0	199.8	182.9
Net rent to nonoperator landlords ²	326.9	276.3	308.9	350.7	348.4	156.3	165.1	164.9	176.2	167.4
Capital consumption	975.2	990.2	988.6	979.9	970.8	256.3	245.3	243.7	252.0	255.9
Property taxes	265.8	269.5	275.7	285.0	312.8	36.2	35.5	34.9	37.9	43.7
Net farm income ³	2,054.8	1,174.8	1,293.2	35.4	1,407.1	278.4	353.4	645.8	345.2	669.6
Gross cash income	7,711.9	7,991.2	7,527.4	7,508.4	7,558.7	2,767.0	2,766.0	3,110.2	3,202.6	3,336.2
Cash expenses	5,533.8	5,663.5	5,597.9	6,004.6	6,483.3	2,337.7	2,422.7	2,343.0	2,608.0	2,708.9
Cash expenses, excluding net rent	5,130.2	5,309.9	5,212.6	5,578.7	6,060.7	2,174.7	2,251.2	2,171.9	2,425.4	2,535.1
Intermediate product expenses	3,947.4	4,176.5	4,131.3	4,479.2	4,859.2	1,712.1	1,815.1	1,752.7	2,006.3	2,125.5
Interest	632.2	575.6	495.6	501.4	559.2	244.8	218.0	206.1	193.0	195.0
Cash labor expenses	319.6	322.0	342.2	347.3	364.9	186.3	186.7	182.2	192.7	175.9
Property taxes	231.0	235.8	243.6	250.8	277.4	31.6	31.5	30.9	33.4	38.6
Net rent to nonoperator landlords ⁴	403.6	353.6	385.2	425.9	422.7	163.0	171.5	171.2	182.6	173.8
Net cash income	2,178.1	2,327.7	1,929.5	1,503.8	1,075.4	429.3	343.3	767.2	594.6	627.3
Number of farms	89,000	88,000	88,000	87,000	85,000	40,000	40,000	39,000	39,000	39,000

See footnotes at end of table.

Continued—

Table 2-1—Farm income indicators, Missouri and Montana, 1990-94—Continued

Item	Missouri					Montana				
	1990	1991	1992	1993	1994	1990	1991	1992	1993	1994
	<i>Million dollars</i>									
Gross farm income	4,835.1	4,771.3	5,218.2	4,950.5	5,378.9	2,143.1	2,287.6	2,164.8	2,557.9	2,412.3
Gross cash income	4,417.5	4,350.2	4,672.9	4,742.9	4,932.6	1,982.5	1,923.2	2,155.5	2,228.9	2,267.5
Farm marketings	3,940.0	3,921.1	4,227.6	4,111.9	4,524.2	1,608.6	1,529.9	1,780.8	1,801.7	1,857.2
Crops	1,651.3	1,666.1	2,062.3	1,836.4	2,072.1	760.2	728.9	869.5	853.6	990.4
Livestock and products	2,288.7	2,255.0	2,165.4	2,275.6	2,452.1	848.4	801	911.3	948.2	866.8
Government payments	299.1	268.6	293.6	455.4	267.4	299.6	320.1	298.8	338.0	256.2
Farm-related income	178.5	160.5	151.6	175.6	140.9	74.3	73.2	75.9	89.2	154.1
Noncash income	343.8	323.5	326.6	333.9	343.4	127.7	123.7	123.7	126.9	132.5
Value of home consumption	37.4	37.1	31.4	27.5	25.3	10.7	11.2	10.7	9.9	11.0
Rental value of dwellings	306.4	286.5	295.2	306.4	318.1	117	112.5	113.1	117.0	121.5
Operator and other dwellings ¹	298.0	277.2	287.3	301.3	312.1	109.8	103.7	107.1	111.4	116.0
Hired laborer dwellings	8.4	9.3	8.0	5.1	6.0	7.3	8.8	6.0	5.7	5.5
Value of inventory adjustment	73.9	97.6	218.7	-126.2	102.9	32.8	240.6	-114.4	202.1	12.4
Total production expenses	4,039.8	4,121.7	4,196.5	4,311.6	4,414.4	1,720.1	1,675.0	1,653.3	1,732.0	1,958.4
Intermediate product expenses	2,354.6	2,464.8	2,492.5	2,630.7	2,750.7	856.6	840.8	857.5	908.7	1,090.2
Farm origin	872.1	928.5	921.8	993.0	1,064.2	224.5	211.9	203.3	216.2	229.3
Feed purchased	647.2	672.1	659.1	699.8	765.2	116.2	102.8	107.4	107.0	120.8
Livestock and poultry purchased	91.7	108.7	113.3	134.8	142.6	75.1	73.1	64.7	75.9	69.4
Seed purchased	133.2	147.7	149.4	158.4	156.3	33.3	35.9	31.2	33.4	39.1
Manufactured inputs	652.7	695.3	703.3	706.4	706.0	229.7	225.6	215.8	223.8	267.6
Fertilizer and lime	318.0	342.4	351.1	344.8	325.3	77.8	77.2	81.7	87.4	112.0
Pesticides	158.4	188.3	191.1	196.9	221.2	49.0	49.8	47.4	52.3	61.1
Fuel and oil	176.2	164.6	161.2	164.6	159.6	102.9	98.6	86.7	84.1	94.5
Other	829.9	841.0	867.4	931.3	980.5	402.4	403.3	438.4	468.7	593.2
Repair and maintenance	320.2	331.8	324.3	332.3	323.3	128.1	124.6	149.7	148.2	179.6
Other miscellaneous	509.6	509.2	543.1	599.0	657.2	274.3	288.7	288.7	320.5	413.6
Interest	444.1	404.0	375.2	368.8	379.6	240.0	217.9	195.8	183.4	195.9
Real estate	252.0	226.9	218.5	214.8	215.3	142.7	128.8	116.3	112.6	113.1
Nonreal estate	192.1	177.1	156.7	154.0	164.3	97.3	89.1	79.5	70.8	82.7
Contract and hired labor expenses	203.4	196.8	212.9	223.5	214.4	105.0	96.7	89.1	108.2	138.6
Net rent to nonoperator landlords ²	271.8	286.3	333.0	291.5	273.1	141.9	141.7	130.4	143.7	137.2
Capital consumption	658.5	664.6	677.4	687.5	685.5	288.3	291.1	291.4	292.5	290.3
Property taxes	107.4	105.2	105.6	109.7	111.0	88.3	86.8	89.0	95.5	106.3
Net farm income ³	795.4	649.6	1,021.7	638.9	964.5	423.0	612.5	511.5	825.9	453.9
Gross cash income	4,417.5	4,350.2	4,672.9	4,742.9	4,932.6	1,982.5	1,923.2	2,155.5	2,228.9	2,267.5
Cash expenses	3,340.5	3,420.6	3,482.1	3,590.4	3,685.5	1,411.4	1,365.1	1,345.8	1,421.4	1,638.4
Cash expenses, excluding net rent	3,033.9	3,099.5	3,114.0	3,263.5	3,377.2	1,256.4	1,210.4	1,202.4	1,264.7	1,488.4
Intermediate product expenses	2,324.5	2,437.2	2,461.4	2,600.9	2,715.0	845.1	830.8	846.9	899.8	1,071.3
Interest	421.1	382.7	356.2	348.8	357.2	230.5	209.1	188.1	172.6	183.9
Cash labor expenses	194.8	187.4	204.3	218.4	208.4	98.2	88.8	83.7	102.5	133.1
Property taxes	93.5	92.2	92.1	95.4	96.6	82.6	81.7	83.8	89.8	100.2
Net rent to nonoperator landlords ⁴	306.6	321.1	368.1	326.8	308.3	154.9	154.8	143.4	156.6	150.0
Net cash income	1,077.0	929.6	1,190.8	1,152.5	1,247.0	571.2	558.1	809.7	807.5	629.0
Number of farms	108,000	107,000	107,000	106,000	105,000	24,700	24,700	24,300	23,800	22,500

See footnotes at end of table. Continued—

Table 2-1—Farm income indicators, Nebraska and Nevada, 1990-94—Continued

Item	Nebraska					Nevada				
	1990	1991	1992	1993	1994	1990	1991	1992	1993	1994
	<i>Million dollars</i>									
Gross farm income	10,424.9	9,878.1	9,961.0	9,786.6	9,973.1	318.5	296.3	279.3	329.6	339.8
Gross cash income	9,714.2	9,871.8	9,488.7	10,039.3	9,306.2	312.9	284.1	284.5	309.9	317.0
Farm marketings	8,714.1	8,998.2	8,685.0	8,870.8	8,561.3	301.3	272.4	267.4	295.7	299.1
Crops	2,637.9	3,064.9	3,009.6	3,024.9	3,157.9	115.4	82.1	73.1	102.6	109.7
Livestock and products	6,076.2	5,933.3	5,675.4	5,845.9	5,403.5	185.9	190.3	194.3	193.1	189.4
Government payments	624.6	490.7	478.7	806.3	348.3	5.3	5.7	11.2	7.0	4.8
Farm-related income	375.4	382.9	325.0	362.2	396.6	6.3	6.0	5.8	7.2	13.1
Noncash income	168.1	166.8	166.0	164.5	169.7	15.5	15.0	14.3	13.9	14.4
Value of home consumption	15.0	14.2	13.0	11.4	10.7	3.5	2.1	2.0	2.0	2.0
Rental value of dwellings	153.1	152.6	153.0	153.1	159.0	12.0	12.9	12.3	12.0	12.4
Operator and other dwellings ¹	141.5	140.5	140.5	141.0	144.8	9.6	10.0	10.4	10.3	10.8
Hired laborer dwellings	11.6	12.1	12.5	12.1	14.2	2.4	2.9	2.0	1.7	1.6
Value of inventory adjustment	542.6	-160.5	306.3	-417.2	497.2	-9.9	-2.8	-19.4	5.7	8.4
Total production expenses	7,869.3	7,534.9	7,401.3	7,875.0	7,708.9	230.3	215.1	207.0	224.0	272.7
Intermediate product expenses	5,550.5	5,294.7	5,201.2	5,560.0	5,276.8	136.8	126.8	123.7	139.8	177.0
Farm origin	3,529.1	3,236.9	3,168.5	3,430.9	2,946.7	55.8	45.7	42.1	52.4	64.7
Feed purchased	817.1	729.9	738.6	784.4	778.5	30.6	27.0	25.6	25.3	29.7
Livestock and poultry purchased	2,524.4	2,306.9	2,238.8	2,445.0	1,949.8	21.6	14.8	13.0	23.5	30.6
Seed purchased	187.7	200.0	191.1	201.5	218.3	3.6	3.9	3.5	3.7	4.4
Manufactured inputs	768.9	768.9	773.3	740.6	841.5	19.3	19.1	17.7	17.9	21.2
Fertilizer and lime	328.6	317.3	314.1	292.8	371.0	2.8	2.9	3.0	3.1	4.4
Pesticides	167.9	195.0	214.7	217.3	242.1	3.2	3.3	3.3	3.6	4.2
Fuel and oil	272.4	256.6	244.6	230.5	228.4	13.3	12.9	11.5	11.2	12.5
Other	1,252.4	1,288.9	1,259.4	1,388.5	1,488.6	61.7	62.0	63.8	69.4	91.2
Repair and maintenance	331.6	327.3	328.1	364.6	366.5	12.3	12.2	15.3	14.6	17.5
Other miscellaneous	920.8	961.6	931.3	1,023.9	1,122.1	49.4	49.8	48.6	54.9	73.6
Interest	616.2	559.5	533.5	572.6	627.8	25.9	23.5	21.2	17.4	18.8
Real estate	243.2	212.8	228.6	229.6	241.8	17.2	15.5	14.0	11.4	11.4
Nonreal estate	373.0	346.7	304.9	343.0	386.0	8.7	8.0	7.2	6.0	7.4
Contract and hired labor expenses	235.5	203.3	209.5	224.3	254.0	31.8	28.7	25.8	31.4	40.4
Net rent to nonoperator landlords ²	549.3	537.6	493.6	548.0	565.2	1.3	0.9	1.2	1.2	1.5
Capital consumption	641.6	640.7	641.4	643.5	647.6	27.1	28.0	27.7	26.3	26.2
Property taxes	276.3	299.0	322.1	326.6	337.5	7.4	7.2	7.4	8.0	8.9
Net farm income ³	2,555.6	2,343.2	2,559.6	1,911.5	2,264.2	88.3	81.2	72.3	105.5	67.1
Gross cash income	9,714.2	9,871.8	9,488.7	10,039.3	9,306.2	312.9	284.1	284.5	309.9	317.0
Cash expenses	7,207.0	6,868.6	6,748.7	7,211.7	7,030.1	199.3	183.2	176.3	194.6	242.6
Cash expenses, excluding net rent	6,605.6	6,279.4	6,203.9	6,612.7	6,413.7	197.0	181.4	174.2	192.6	240.2
Intermediate product expenses	5,519.6	5,258.7	5,180.4	5,542.5	5,252.5	135.6	125.7	122.5	138.9	175.4
Interest	602.9	547.2	522.8	551.5	603.9	24.7	22.5	20.3	16.3	17.6
Cash labor expenses	225.0	192.9	197.7	212.1	239.9	29.7	26.3	24.2	29.7	38.8
Property taxes	258.2	280.6	303.1	306.7	317.5	7.0	6.9	7.1	7.6	8.5
Net rent to nonoperator landlords ⁴	601.4	589.2	544.8	599.0	616.3	2.3	1.8	2.2	2.1	2.4
Net cash income	2,507.2	3,003.2	2,740.0	2,827.6	2,276.2	113.7	100.9	108.1	115.3	74.4
Number of farms	57,000	56,000	56,000	55,000	55,000	2,500	2,500	2,500	2,400	2,400

See footnotes at end of table.

Continued—

Table 2-1—Farm income indicators, New Hampshire and New Jersey, 1990-94—Continued

Item	New Hampshire					New Jersey				
	1990	1991	1992	1993	1994	1990	1991	1992	1993	1994
	<i>Million dollars</i>									
Gross farm income	177.3	173.3	196.3	189.8	193.7	777.6	767.4	775.4	810.6	900.3
Gross cash income	145.4	145.0	160.2	161.6	159.5	698.4	690.0	693.3	748.2	814.5
Farm marketings	136.0	136.1	151.1	152.4	151.9	648.8	653.2	645.3	699.7	768.4
Crops	71.0	72.0	83.6	86.3	87.9	453.1	460.6	453.1	502.4	585.8
Livestock and products	64.9	64.1	67.6	66.2	64.0	195.7	192.6	192.2	197.3	182.6
Government payments	1.9	1.5	1.6	1.9	1.5	15.7	4.1	10.7	7.3	7.6
Farm-related income	7.5	7.5	7.6	7.2	6.1	33.8	32.8	37.2	41.2	38.5
Noncash income	32.9	30.9	30.8	32.5	33.1	75.8	76.6	75.3	75.3	78.2
Value of home consumption	1.7	1.7	1.4	1.4	0.8	1.7	1.4	1.5	1.1	1.2
Rental value of dwellings	31.1	29.2	29.4	31.1	32.3	74.1	75.2	73.9	74.1	77.0
Operator and other dwellings ¹	30.3	28.3	28.5	30.3	31.4	70.1	70.9	69.3	69.5	72.0
Hired laborer dwellings	0.8	0.9	0.9	0.9	0.9	4.0	4.3	4.6	4.6	5.0
Value of inventory adjustment	-1.0	-2.7	5.3	-4.3	1.1	3.4	0.8	6.8	-12.8	7.6
Total production expenses	141.6	137.0	139.1	141.5	148.0	595.3	597.3	589.4	608.9	651.4
Intermediate product expenses	72.0	69.7	70.2	71.8	76.2	301.3	308.0	294.3	305.0	342.5
Farm origin	23.3	24.6	23.9	23.9	22.2	69.5	76.3	72.7	72.0	73.7
Feed purchased	18.7	19.4	19.5	19.4	17.3	33.5	34.0	34.6	34.8	32.5
Livestock and poultry purchased	0.8	0.9	0.8	0.8	0.8	4.4	4.8	5.5	4.5	3.8
Seed purchased	3.7	4.3	3.7	3.7	4.2	31.5	37.5	32.5	32.6	37.3
Manufactured inputs	11.4	9.2	8.6	8.7	8.8	75.2	81.5	65.6	68.4	76.8
Fertilizer and lime	5.5	3.3	3.2	3.3	3.2	34.3	38.8	25.4	28.8	33.4
Pesticides	1.5	1.7	1.6	1.5	1.8	18.1	20.4	19.6	18.3	22.1
Fuel and oil	4.3	4.2	3.8	3.9	3.9	22.9	22.3	20.6	21.3	21.4
Other	37.4	35.9	37.8	39.3	45.1	156.6	150.2	156.1	164.6	192.1
Repair and maintenance	13.3	12.6	14.6	14.6	15.3	46.3	46.3	53.6	52.6	54.3
Other miscellaneous	24.1	23.3	23.2	24.7	29.8	110.2	103.9	102.5	112.0	137.8
Interest	6.1	5.3	5.1	4.9	5.8	32.3	28.4	26.8	30.0	32.4
Real estate	2.7	2.4	2.2	2.4	2.6	19.4	16.7	15.4	14.8	16.2
Nonreal estate	3.3	3.0	2.9	2.5	3.2	13.0	11.7	11.4	15.2	16.2
Contract and hired labor expenses	21.9	21.3	21.4	22.7	23.3	115.6	113.1	116.4	123.0	126.9
Net rent to nonoperator landlords ²	-0.4	-0.4	-0.3	-0.8	-1.0	13.1	12.5	12.7	14.2	14.4
Capital consumption	30.8	29.5	30.4	30.4	30.8	94.6	96.1	97.6	94.2	91.2
Property taxes	11.3	11.6	12.2	12.6	12.9	38.3	39.1	41.6	42.5	44.0
Net farm income ³	35.7	36.2	57.2	48.3	45.8	182.4	170.2	186.0	201.8	248.9
Gross cash income	145.4	145.0	160.2	161.6	159.5	698.4	690.0	693.3	748.2	814.5
Cash expenses	105.0	102.2	101.7	104.2	110.2	485.4	486.3	473.1	498.1	543.8
Cash expenses, excluding net rent	103.9	101.1	100.4	103.4	109.6	467.7	469.2	455.8	479.5	525.2
Intermediate product expenses	68.3	66.6	65.7	67.2	71.9	292.8	299.9	282.9	294.8	333.6
Interest	5.7	5.0	4.8	4.7	5.5	29.4	25.7	24.1	28.3	30.6
Cash labor expenses	21.1	20.3	20.5	21.8	22.3	111.2	108.4	111.5	118.4	121.9
Property taxes	8.8	9.2	9.5	9.7	9.9	34.3	35.3	37.3	38.0	39.2
Net rent to nonoperator landlords ⁴	1.2	1.1	1.2	0.8	0.6	17.7	17.1	17.3	18.7	18.6
Net cash income	40.3	42.8	58.6	57.5	49.4	213.0	203.7	220.1	250.1	270.7
Number of farms	2,700	2,700	2,700	2,500	2,400	8,100	8,500	9,000	8,900	8,900
	<i>Number</i>									

See footnotes at end of table.

Continued—

Table 2-1—Farm income indicators, New Mexico and New York, 1990-94—Continued

Item	New Mexico					New York				
	1990	1991	1992	1993	1994	1990	1991	1992	1993	1994
	Million dollars									
Gross farm income	1,646.2	1,684.7	1,622.1	1,704.1	1,775.5	3,179.0	2,993.6	3,067.6	3,124.0	3,095.5
Gross cash income	1,606.8	1,557.1	1,569.1	1,654.5	1,650.6	3,007.1	2,870.6	2,941.3	3,006.8	2,955.4
Farm marketings	1,499.6	1,454.3	1,471.7	1,536.8	1,524.0	2,862.2	2,745.2	2,810.3	2,859.6	2,857.6
Crops	482.0	423.7	446.6	413.5	425.1	903.8	967.0	917.0	978.1	970.6
Livestock and products	1,017.7	1,030.6	1,025.2	1,123.3	1,098.9	1,958.4	1,778.2	1,893.3	1,881.5	1,887.0
Government payments	63.8	58.4	60.3	76.4	61.1	59.3	41.2	47.9	72.3	42.4
Farm-related income	43.3	44.3	37.1	41.2	65.6	85.6	84.2	83.2	74.9	55.4
Noncash income	59.2	63.2	60.7	57.1	58.3	150.1	135.8	141.3	147.5	151.1
Value of home consumption	8.5	7.9	8.5	6.4	5.7	12.0	11.1	10.9	9.4	7.7
Rental value of dwellings	50.7	55.3	52.3	50.7	52.7	138.1	124.7	130.4	138.1	143.4
Operator and other dwellings ¹	43.7	46.8	46.5	44.6	46.8	125.3	111.1	116.0	124.7	128.9
Hired laborer dwellings	7.0	8.5	5.7	6.1	5.9	12.8	13.6	14.4	13.4	14.5
Value of inventory adjustment	-19.7	64.4	-8	-7.5	66.5	21.9	-12.8	-15	-30.3	-11.1
Total production expenses	1,236.4	1,249.1	1,165.7	1,248.8	1,398.0	2,621.3	2,577.7	2,565.7	2,591.1	2,758.9
Intermediate product expenses	867.3	896.4	828.5	894.0	999.2	1,500.7	1,476.0	1,453.9	1,461.2	1,591.2
Farm origin	552.2	583.3	516.9	550.0	565.9	544.8	549.0	536.2	532.7	521.2
Feed purchased	154.3	145.3	157.3	177.9	236.4	446.8	444.0	440.4	438.1	421.5
Livestock and poultry purchased	382.2	419.9	342.6	353.9	308.1	20.4	17.7	24.2	22.8	17.7
Seed purchased	15.7	18.2	17.0	18.2	21.3	77.6	87.2	71.6	71.8	82.0
Manufactured inputs	84.5	83.5	74.7	77.2	92.5	285.0	279.3	272.7	246.0	274.4
Fertilizer and lime	27.2	26.3	21.8	23.9	32.2	118.0	107.2	111.4	86.6	101.2
Pesticides	11.6	12.4	12.5	13.8	16.2	63.5	71.6	69.0	64.3	77.6
Fuel and oil	45.7	44.8	40.3	39.4	44.1	103.5	100.4	92.4	95.1	95.6
Other	230.7	229.5	236.9	266.9	340.8	670.9	647.8	645.0	682.5	795.7
Repair and maintenance	48.1	47.0	58.7	58.9	69.8	174.1	173.8	182.5	185.6	195.9
Other miscellaneous	182.6	182.5	178.2	208.0	271.0	496.8	474.0	462.5	496.9	599.7
Interest	100.6	91.8	82.8	82.0	90.2	194.5	172.5	164.3	145.6	168.9
Real estate	54.1	48.9	44.1	42.1	42.9	80.3	69.5	63.7	52.3	56.7
Nonreal estate	46.5	42.9	38.6	39.9	47.3	114.2	103.0	100.6	93.3	112.2
Contract and hired labor expenses	114.7	108.2	103.7	124.4	156.3	339.1	330.0	334.3	353.2	362.6
Net rent to nonoperator landlords ²	43.7	40.1	39.6	36.7	38.6	(5.5)	(6.1)	(6.9)	(10.3)	-14.9
Capital consumption	94.4	97.1	95.3	94.6	94.7	408.5	415.5	422.3	436.4	441.6
Property taxes	15.8	15.4	15.9	17.1	18.9	184.0	189.8	197.7	205.1	209.4
Net farm income ³	409.8	435.6	456.4	455.3	377.5	557.8	415.9	501.9	533.0	336.6
Gross cash income	1,606.8	1,557.1	1,569.1	1,654.5	1,650.6	3,007.1	2,870.6	2,941.3	3,006.8	2,955.4
Cash expenses	1,129.0	1,138.1	1,059.4	1,141.8	1,286.5	2,158.7	2,110.5	2,083.1	2,106.5	2,266.6
Cash expenses, excluding net rent	1,082.9	1,095.5	1,017.4	1,102.8	1,245.6	2,143.9	2,096.2	2,069.4	2,095.6	2,260.1
Intermediate product expenses	862.1	891.5	823.5	890.2	991.2	1,487.0	1,462.7	1,433.8	1,440.7	1,571.9
Interest	98.1	89.5	80.7	78.0	85.8	173.4	153.4	146	139.8	162.4
Cash labor expenses	107.7	99.8	97.9	118.2	150.4	325.9	315.9	320	339.7	347.9
Property taxes	15.0	14.7	15.2	16.3	18.1	157.6	164.2	170	175.4	177.9
Net rent to nonoperator landlords ⁴	46.1	42.6	42.0	39.0	40.9	14.8	14.4	14	10.8	6.5
Net cash income	477.8	419.0	509.7	512.6	364.1	848.4	760.1	858	900.3	688.8
Number of farms	13,500	13,500	13,500	13,500	13,500	38,500	38,000	38,000	37,500	36,000

See footnotes at end of table.

Continued—

Table 2-1—Farm income indicators, North Carolina and North Dakota, 1990-94—Continued

Item	North Carolina					North Dakota				
	1990	1991	1992	1993	1994	1990	1991	1992	1993	1994
	<i>Million dollars</i>									
Gross farm income	6,127.8	6,358.1	6,506.9	7,035.9	7,677.7	3,539.4	3,272.6	3,819.7	3,488.2	3,968.1
Gross cash income	5,906.7	5,917.4	6,264.0	6,836.4	7,137.3	3,065.9	3,150.6	3,442.1	3,655.9	3,553.7
Farm marketings	5,230.3	5,263.0	5,561.5	6,019.3	6,369.1	2,373.2	2,505.7	2,889.6	2,948.8	2,934.7
Crops	2,584.6	2,640.1	2,777.3	2,829.3	3,036.6	1,729.4	1,879.8	2,239.6	2,348.4	2,307.4
Livestock and products	2,645.7	2,622.9	2,784.2	3,190.0	3,332.5	643.8	625.8	650.0	600.4	627.3
Government payments	73.3	52.8	74.8	132.4	77.6	545.4	533.9	443.2	564.5	457.3
Farm-related income	603.1	601.5	627.7	684.7	690.5	147.3	111.1	109.3	142.5	161.7
Noncash income	196.0	193.4	189.3	190.5	196.3	93.2	91.6	89.9	91.0	93.5
Value of home consumption	20.5	16.9	16.0	14.9	14.1	9.6	11.3	8.9	7.4	6.7
Rental value of dwellings	175.6	176.5	173.2	175.6	182.3	83.6	80.3	81.0	83.6	86.8
Operator and other dwellings ¹	159.9	158.8	157.8	160.9	164.3	79.5	76.0	76.5	78.8	81.2
Hired laborer dwellings	15.6	17.7	15.5	14.7	17.9	4.1	4.3	4.4	4.7	5.6
Value of inventory adjustment	25.0	247.3	53.6	9.0	344.0	380.3	30.4	288	-258.7	320.9
Total production expenses	4,001.3	3,943.7	4,148.8	4,497.8	4,804.3	2,755.6	2,768.7	2,818.2	2,966.9	3,109.3
Intermediate product expenses	2,376.0	2,361.9	2,516.8	2,800.9	3,049.9	1,264.4	1,307.4	1,337.2	1,433.6	1,530.0
Farm origin	1,147.9	1,074.6	1,267.4	1,414.0	1,654.2	223.3	213.5	220.6	229.9	223.4
Feed purchased	811.3	725.1	915.9	1,046.6	1,294.5	60.8	53.1	56.1	54.6	51.0
Livestock and poultry purchased	245.8	248.0	261.3	273.7	269.0	51.9	45.8	58.1	63.1	50.8
Seed purchased	90.8	101.5	90.2	93.8	90.7	110.6	114.6	106.4	112.2	121.6
Manufactured inputs	500.3	506.0	506.2	517.0	515.3	502.3	556.6	539.9	574.1	625.5
Fertilizer and lime	218.8	208.1	208.8	213.5	216.4	185.0	233.1	214.3	252.9	285.4
Pesticides	123.7	144.9	147.9	157.6	148.6	142.8	160.8	171.6	173.7	193.5
Fuel and oil	157.7	153.0	149.6	145.9	150.3	174.5	162.7	154.0	147.6	146.6
Other	727.8	781.3	743.2	869.9	880.5	538.8	537.3	576.7	629.6	681.1
Repair and maintenance	149.0	148.8	126.5	162.3	146.8	224.1	219.2	222.4	247.6	246.5
Other miscellaneous	578.8	632.5	616.7	707.6	733.6	314.7	318.2	354.3	382.0	434.6
Interest	252.7	228.3	206.1	197.5	230.9	313.6	285.6	275.2	265.4	285.4
Real estate	138.0	123.2	115.5	98.6	108.6	138.0	120.8	129.7	123.0	124.3
Nonreal estate	114.6	105.1	90.6	98.9	122.3	175.6	164.8	145.5	142.4	161.1
Contract and hired labor expenses	373.6	367.3	376.8	396.2	400.0	90.0	79.4	83.3	89.3	100.5
Net rent to nonoperator landlords ²	515.1	509.4	562.4	611.7	617.3	453.1	455.1	470.4	519.2	537.0
Capital consumption	396.7	384.4	386.9	390.3	403.7	504.9	501.1	501.2	506.2	498.3
Property taxes	87.3	92.3	99.7	101.1	102.4	129.5	140.2	150.9	153.2	158.1
Net farm income ³	2,126.4	2,414.5	2,358.1	2,538.1	2,873.4	783.9	503.9	1,001.5	521.3	858.8
Gross cash income	5,906.7	5,917.4	6,264.0	6,836.4	7,137.3	3,065.9	3,150.6	3,442.1	3,655.9	3,553.7
Cash expenses	3,548.0	3,498.7	3,713.8	4,065.4	4,355.4	2,258.3	2,272.5	2,329.0	2,471.4	2,615.6
Cash expenses, excluding net rent	3,014.4	2,971.6	3,133.7	3,436.0	3,719.8	1,759.1	1,772.0	1,813.7	1,907.1	2,034.4
Intermediate product expenses	2,345.0	2,329.2	2,492.7	2,778.7	3,029.3	1,248.3	1,288.5	1,326.2	1,424.2	1,517.2
Interest	238.0	214.5	193.4	187.8	219.9	303.3	276.1	266.5	254.1	273.0
Cash labor expenses	356.4	347.4	360.7	381.7	382.1	86.1	75.4	78.6	84.5	94.9
Property taxes	75.0	80.5	86.9	87.8	88.5	121.4	132.0	142.4	144.3	149.2
Net rent to nonoperator landlords ⁴	533.6	527.2	580.1	629.4	635.6	499.2	500.4	515.3	564.2	581.2
Net cash income	2,358.8	2,418.6	2,550.2	2,771.0	2,781.9	807.6	878.1	1,113.1	1,184.5	938.1
Number of farms	62,000	60,000	60,000	59,000	58,000	33,500	33,000	33,000	32,500	32,000

Continued—

See footnotes at end of table.

Table 2-1—Farm income indicators, Ohio and Oklahoma, 1990-94—Continued

Item	Ohio					Oklahoma				
	1990	1991	1992	1993	1994	1990	1991	1992	1993	1994
	<i>Million dollars</i>									
Gross farm income	5,250.7	4,681.8	5,167.2	5,086.9	5,416.1	4,466.1	4,342.0	4,287.0	4,605.1	4,826.5
Gross cash income	4,867.4	4,541.4	4,560.3	5,070.9	4,890.6	4,069.9	4,262.1	4,040.2	4,429.3	4,185.1
Farm marketings	4,384.6	4,115.0	4,109.7	4,490.6	4,475.2	3,598.4	3,806.3	3,636.4	3,949.3	3,864.5
Crops	2,578.3	2,463.4	2,560.0	2,834.9	2,897.8	1,201.2	1,053.5	1,118.5	1,141.3	1,164.7
Livestock and products	1,806.2	1,651.5	1,549.7	1,655.7	1,577.3	2,397.2	2,752.8	2,518.0	2,808.0	2,699.8
Government payments	197.0	156.7	166.1	265.4	117.1	319.0	290.9	248.3	323.9	207.0
Farm-related income	285.8	269.7	284.5	314.9	298.4	152.5	164.9	155.4	156.0	113.6
Noncash income	321.6	308.2	319.5	314.6	332.0	270.6	229.3	249.7	269.6	277.6
Value of home consumption	23.3	22.2	26.7	16.3	22.3	21.4	22.4	20.2	20.4	18.8
Rental value of dwellings	298.3	286.1	292.8	298.3	309.7	249.3	207.0	229.5	249.3	258.8
Operator and other dwellings ¹	287.1	273.8	282.2	291.4	301.5	238.6	193.8	221.2	239.2	250.1
Hired laborer dwellings	11.2	12.3	10.6	7.0	8.2	10.7	13.2	8.3	10.1	8.7
Value of inventory adjustment	61.7	-167.8	287.4	-298.6	193.4	125.5	-149.5	-2.9	-93.7	363.9
Total production expenses	4,085.7	3,997.0	3,976.6	4,219.3	4,246.4	3,452.8	3,554.3	3,278.2	3,413.1	3,693.7
Intermediate product expenses	2,228.1	2,202.9	2,137.6	2,361.2	2,438.8	2,331.2	2,471.9	2,227.0	2,360.5	2,636.1
Farm origin	793.5	789.9	745.5	777.9	783.9	1,285.2	1,345.4	1,121.1	1,176.8	1,445.1
Feed purchased	554.1	530.0	485.7	492.6	522.5	459.4	421.7	412.0	406.4	464.7
Livestock and poultry purchased	58.1	57.4	53.5	66.6	45.6	778.9	871.6	659.2	721.3	930.1
Seed purchased	181.4	202.6	206.3	218.8	215.8	46.9	52.1	49.9	49.1	50.4
Manufactured inputs	664.6	660.1	643.4	769.0	825.3	346.2	352.8	344.7	336.2	349.4
Fertilizer and lime	331.3	301.6	284.5	399.9	433.8	145.5	148.9	149.6	135.9	146.7
Pesticides	177.7	210.5	212.9	219.4	246.4	55.7	62.7	64.1	62.2	63.4
Fuel and oil	155.6	148.1	146.0	149.7	145.1	145.0	141.2	131.0	138.1	139.3
Other	769.9	752.8	748.6	814.3	829.7	699.8	773.7	761.2	847.4	841.6
Repair and maintenance	308.4	309.8	292.9	293.1	290.6	193.3	197.8	209.4	219.0	196.7
Other miscellaneous	461.5	443.0	455.8	521.2	539.1	506.5	575.9	551.8	628.4	645.0
Interest	327.6	298.9	276.8	246.7	263.4	374.4	340.6	315.2	280.8	287.9
Real estate	188.9	170.0	163.8	140.9	146.5	168.1	150.4	145.1	106.5	108.1
Nonreal estate	138.8	128.8	113.0	105.8	116.8	206.3	190.2	170.1	174.3	179.9
Contract and hired labor expenses	267.6	260.9	283.2	299.6	286.3	167.5	163.3	157.1	161.4	149.3
Net rent to nonoperator landlords ²	378.8	365.1	407.9	440.2	367.3	104.5	102.3	78.0	92.9	98.5
Capital consumption	716.3	705.2	703.4	699.7	715.6	388.7	394.4	414.9	423.3	415.3
Property taxes	167.3	164.0	167.7	172.0	174.9	86.5	81.9	86.0	94.1	106.6
Net farm income ³	1,165.0	684.8	1,190.5	867.6	1,169.7	1,013.2	787.6	1,008.8	1,192.0	1,132.9
Gross cash income	4,867.4	4,541.4	4,560.3	5,070.9	4,890.6	4,069.9	4,262.1	4,040.2	4,429.3	4,185.1
Cash expenses	3,350.6	3,275.9	3,255.0	3,510.9	3,513.8	3,024.8	3,123.1	2,825.5	2,948.7	3,240.8
Cash expenses, excluding net rent	2,900.1	2,840.8	2,778.0	3,002.5	3,076.7	2,907.0	3,007.5	2,733.6	2,841.6	3,128.5
Intermediate product expenses	2,198.3	2,175.3	2,106.7	2,332.1	2,403.7	2,309.4	2,452.9	2,201.8	2,337.4	2,617.9
Interest	305.4	278.5	258.2	233.5	248.1	363.8	330.8	306.6	269.9	275.8
Cash labor expenses	256.0	248.2	271.4	292.6	278.1	157.1	150.7	148.8	151.4	140.7
Property taxes	140.4	138.8	141.6	144.2	146.7	76.8	73.1	76.4	82.9	94.1
Net rent to nonoperator landlords ⁴	450.5	435.1	477.0	508.4	437.1	117.8	115.7	91.9	107.1	112.3
Net cash income	1,516.7	1,265.5	1,305.3	1,560.0	1,376.9	1,045.1	1,138.9	1,214.7	1,480.6	944.3
Number of farms	83,000	80,000	78,000	76,000	75,000	70,000	70,000	71,000	70,500	70,000

See footnotes at end of table.

Continued—

Table 2-1—Farm income indicators, Oregon and Pennsylvania, 1990-94—Continued

Item	Oregon					Pennsylvania				
	1990	1991	1992	1993	1994	1990	1991	1992	1993	1994
	<i>Million dollars</i>									
Gross farm income	3,020.4	3,031.5	3,193.6	3,551.4	3,592.8	4,126.0	3,781.4	4,210.9	4,095.7	4,160.0
Gross cash income	2,790.9	2,916.6	3,007.8	3,255.8	3,365.1	3,875.7	3,635.2	3,831.4	3,961.0	3,881.5
Farm marketings	2,395.1	2,549.2	2,466.5	2,557.4	2,651.5	3,725.1	3,485.9	3,666.7	3,806.9	3,755.3
Crops	1,611.0	1,743.1	1,700.4	1,809.5	1,925.6	1,027.3	1,021.7	1,108.1	1,186.9	1,143.3
Livestock and products	784.1	806.1	766.1	748.0	726.0	2,697.8	2,464.2	2,558.6	2,620.0	2,612.0
Government payments	89.1	89.1	87.5	92.8	74.4	41.4	34.4	48.8	45.2	32.7
Farm-related income	306.6	278.4	453.8	605.5	639.2	109.2	114.9	115.9	108.9	93.5
Noncash income	222.3	188.9	201.7	213.0	219.8	242.6	238.5	238.2	239.9	244.5
Value of home consumption	23.5	19.3	16.1	14.2	13.4	26.2	24.5	23.0	23.5	19.9
Rental value of dwellings	198.8	169.6	185.6	198.8	206.4	216.4	213.9	215.2	216.4	224.7
Operator and other dwellings ¹	191.6	163.4	176.8	191.9	198.0	202.9	199.6	200	202.3	209.5
Hired laborer dwellings	7.2	6.1	8.8	6.9	8.4	13.5	14.3	15.2	14.1	15.2
Value of inventory adjustment	7.2	-74	-15.9	82.6	7.9	7.8	-92.2	141.3	-105.2	34
Total production expenses	2,455.8	2,510.2	2,648.2	2,890.0	3,069.3	3,282.7	3,249.8	3,198.2	3,262.9	3,486.6
Intermediate product expenses	1,210.3	1,285.0	1,266.1	1,366.5	1,481.3	2,062.5	2,047.0	2,000.1	2,059.0	2,238.7
Farm origin	293.3	292.8	280.5	317.1	299.7	889.8	887.2	893.0	899.9	905.5
Feed purchased	171.8	165.5	182.4	209.3	192.4	679.5	668.9	691.8	694.5	692.7
Livestock and poultry purchased	55.9	47.6	24.4	28.9	31.9	120.6	118.3	119.9	123.8	119.7
Seed purchased	65.6	79.7	73.6	78.8	75.3	89.8	100.0	81.3	81.6	93.2
Manufactured inputs	298.2	313.7	331.1	316.9	344.7	324.8	341.4	304.2	308.3	334.8
Fertilizer and lime	134.1	135.9	146.4	126.9	154.8	150.9	162.9	137.3	142.4	155.3
Pesticides	84.4	97.6	108.5	113.0	116.7	62.7	70.5	67.8	63.2	76.2
Fuel and oil	79.7	80.2	76.2	76.9	73.1	111.1	108.0	99.2	102.7	103.2
Other	618.8	678.5	654.6	732.5	837.0	847.9	818.4	802.8	850.8	998.4
Repair and maintenance	210.4	221.8	220.9	245.7	248.4	229.8	229.3	239.8	235.8	250.6
Other miscellaneous	408.4	456.8	433.6	486.7	588.6	618.2	589.1	563.0	615.0	747.8
Interest	198.4	170.4	168.6	162.1	169.3	210.6	185.8	175.7	161.9	192.7
Real estate	124.5	102.4	108.5	94.0	95.1	110.4	95.5	87.6	85.4	98.1
Nonreal estate	73.9	68.0	60.1	68.0	74.2	100.2	90.3	88.2	76.5	94.6
Contract and hired labor expenses	369.3	382.7	389.6	412.0	419.3	359.2	348.2	352.5	372.4	383.1
Net rent to nonoperator landlords ²	275.1	261.3	387.0	493.4	537.8	-29.3	-25.3	-24.0	-32.3	-38.0
Capital consumption	290.3	297.8	311.3	322.8	320.3	528.1	535.8	533.5	531.9	540.0
Property taxes	112.4	113.1	125.6	133.3	141.3	151.5	158.4	160.3	170.1	170.3
Net farm income ³	564.7	521.3	545.5	661.3	523.5	843.4	531.6	1,012.8	832.8	673.3
Gross cash income	2,790.9	2,916.6	3,007.8	3,255.8	3,365.1	3,875.7	3,635.2	3,831.4	3,961.0	3,881.5
Cash expenses	2,113.3	2,159.1	2,294.9	2,531.3	2,707.6	2,714.5	2,676.3	2,614.1	2,687.7	2,901.8
Cash expenses, excluding net rent	1,819.5	1,878.7	1,888.2	2,017.5	2,149.6	2,707.9	2,665.5	2,602.6	2,684.8	2,904.0
Intermediate product expenses	1,180.8	1,251.3	1,248.1	1,349.3	1,462.2	2,038.2	2,024.1	1,966.8	2,027.4	2,209.3
Interest	184.6	157.8	156.1	152.6	158.8	193.7	169.9	160.4	152.4	181.6
Cash labor expenses	360.6	374.6	379.0	404.9	411.1	345.3	333.3	337.4	358.3	367.7
Property taxes	93.4	95.0	105.0	110.7	117.4	130.7	138.1	138	146.6	145.4
Net rent to nonoperator landlords ⁴	293.8	280.4	406.7	513.8	558.0	6.6	10.8	11.6	2.9	-2.2
Net cash income	677.6	757.5	712.9	724.5	657.6	1,161.2	958.8	1,217.2	1,273.3	979.7
Number of farms	36,500	37,000	37,500	37,500	38,000	53,000	53,000	52,000	51,000	51,000

Number

See footnotes at end of table.

Continued—

Table 2-1—Farm income indicators, Rhode Island and South Carolina, 1990-94—Continued

Item	Rhode Island					South Carolina				
	1990	1991	1992	1993	1994	1990	1991	1992	1993	1994
	<i>Million dollars</i>									
Gross farm income	79.2	77.9	84.6	89.0	89.8	1,310.7	1,426.0	1,382.1	1,429.2	1,619.9
Gross cash income	72.1	71.2	77.1	82.4	82.6	1,298.0	1,301.8	1,323.6	1,408.8	1,473.6
Farm marketings	70.2	69.4	74.5	80.5	80.7	1,190.2	1,204.8	1,201.4	1,249.1	1,361.8
Crops	56.5	56.9	60.7	66.7	68.5	587.3	673.2	664.9	648.9	746.9
Livestock and products	13.7	12.5	13.8	13.8	12.3	602.9	531.6	536.6	600.2	614.9
Government payments	0.2	0.1	0.3	0.1	0.5	62.6	49.4	72.6	102.5	60.2
Farm-related income	1.7	1.6	2.3	1.7	1.4	45.1	47.6	49.6	57.2	51.6
Noncash income	6.9	6.7	6.5	6.8	7.1	66.2	73.5	67.3	64.4	66.2
Value of home consumption	0.3	0.2	0.2	0.2	0.1	8.2	7.4	6.5	6.4	5.9
Rental value of dwellings	6.7	6.5	6.4	6.7	6.9	58.0	66.1	60.8	58.0	60.2
Operator and other dwellings ¹	6.2	6.0	5.9	6.3	6.5	55.0	63.4	57.9	56.6	58.9
Hired laborer dwellings	0.4	0.5	0.5	0.4	0.4	3.0	2.7	2.9	1.4	1.3
Value of inventory adjustment	0.1	0.0	0.9	-0.2	0.2	-53.5	50.7	-9	-44	80.1
Total production expenses	45.8	42.8	42.8	45.1	48.1	1,065.0	1,064.3	1,031.4	1,125.3	1,158.5
Intermediate product expenses	23.1	21.6	22.0	22.9	25.2	658.0	670.8	652.5	732.9	764.5
Farm origin	6.1	6.1	5.9	5.9	6.0	210.2	205.8	217.4	242.9	238.6
Feed purchased	4.0	3.9	4.1	4.0	4.0	143.1	129.6	144.6	161.4	159.5
Livestock and poultry purchased	0.3	0.3	0.3	0.3	0.3	35.8	39.6	40.1	47.2	44.7
Seed purchased	1.7	1.9	1.5	1.5	1.7	31.3	36.6	32.7	34.3	34.3
Manufactured inputs	5.0	4.3	4.5	4.6	4.4	195.6	210.9	202.2	212.8	216.8
Fertilizer and lime	2.6	1.8	2.2	2.3	2.0	95.4	101.6	103.0	103.9	112.3
Pesticides	0.8	1.0	0.9	0.9	1.0	48.4	56.5	51.8	60.8	59.8
Fuel and oil	1.5	1.5	1.3	1.4	1.4	51.8	52.8	47.4	48.2	44.7
Other	12.1	11.3	11.5	12.5	14.8	252.2	254.0	232.9	277.2	309.2
Repair and maintenance	3.8	3.5	3.9	4.0	4.1	85.9	88.5	75.5	88.1	86.1
Other miscellaneous	8.3	7.8	7.6	8.5	10.7	166.3	165.5	157.4	189.1	223.1
Interest	2.5	2.3	2.2	2.6	3.1	89.4	80.7	73.5	65.0	69.3
Real estate	1.3	1.2	1.1	1.1	1.2	52.2	46.7	42.9	32.2	34.3
Nonreal estate	1.2	1.1	1.1	1.5	1.9	37.2	34.1	30.5	32.8	35.0
Contract and hired labor expenses	10.1	9.4	9.0	9.5	9.8	104.6	97.4	91.8	107.8	103.2
Net rent to nonoperator landlords ²	-0.6	-0.6	-0.6	-0.7	-0.8	44.7	47.1	47.0	51.2	48.7
Capital consumption	7.4	6.8	6.9	7.0	7.1	148.5	145.5	142.8	143.4	146.3
Property taxes	3.2	3.4	3.4	3.6	3.7	19.7	22.7	23.9	25.0	26.4
Net farm income ³	33.4	35.1	41.8	43.9	41.7	245.7	361.7	350.7	303.9	461.4
Gross cash income	72.1	71.2	77.1	82.4	82.6	1,298.0	1,301.8	1,323.6	1,408.8	1,473.6
Cash expenses	36.7	34.4	34.0	36.2	39.1	901.9	904.6	876.7	972.5	1,000.3
Cash expenses, excluding net rent	37.1	34.8	34.4	36.7	39.7	852.3	852.7	825.1	916.7	946.9
Intermediate product expenses	22.3	20.9	21.0	22.0	24.3	649.1	661.7	645.8	726.5	755.9
Interest	2.3	2.0	1.9	2.5	3.0	84.1	75.8	69.0	61.9	65.9
Cash labor expenses	9.7	9.0	8.6	9.2	9.4	102.0	95.1	89.0	106.4	101.8
Property taxes	2.8	2.9	2.9	3.1	3.1	17.2	20.0	21.2	21.9	23.2
Net rent to nonoperator landlords ⁴	-0.4	-0.4	-0.4	-0.5	-0.6	49.6	51.8	51.7	55.8	53.4
Net cash income	35.5	36.8	43.1	46.1	43.4	396.1	397.2	446.9	436.4	473.2
Number of farms	740	700	700	700	700	25,000	24,500	24,500	24,000	23,000

Number

See footnotes at end of table.

Continued—

Table 2-1—Farm income indicators, South Dakota and Tennessee, 1990-94—Continued

Item	South Dakota					Tennessee				
	1990	1991	1992	1993	1994	1990	1991	1992	1993	1994
	<i>Million dollars</i>									
Gross farm income	3,856.3	3,700.6	3,827.9	3,810.8	4,276.1	2,409.3	2,387.7	2,590.0	2,584.9	2,712.7
Gross cash income	3,423.9	3,541.9	3,492.2	3,770.2	3,803.2	2,191.1	2,085.2	2,299.1	2,298.4	2,356.3
Farm marketings	2,962.5	3,144.6	3,111.0	3,200.0	3,342.6	1,994.7	1,911.1	2,090.9	2,025.6	2,151.7
Crops	968.0	1,264.9	1,344.4	1,236.2	1,698.5	946.3	901.7	1,092.0	1,064.0	1,169.7
Livestock and products	1,994.5	1,879.7	1,766.6	1,963.8	1,644.1	1,048.4	1,009.4	998.9	961.6	982.0
Government payments	332.9	286.2	271.9	432.4	289.2	91.0	70.3	115.9	160.6	95.6
Farm-related income	128.6	111.0	109.3	137.8	171.4	105.4	103.7	92.3	112.2	109.0
Noncash income	133.6	134.3	132.8	132.3	135.2	240.9	230.9	230.8	234.7	238.1
Value of home consumption	15.2	16.0	14.1	13.9	12.3	23.3	21.2	21.1	17.1	12.2
Rental value of dwellings	118.4	118.3	118.8	118.4	123.0	217.6	209.7	209.7	217.6	225.9
Operator and other dwellings ¹	114.2	113.9	114.2	113.9	117.6	211.1	202.3	203.3	212.4	219.5
Hired laborer dwellings	4.2	4.4	4.5	4.6	5.4	6.5	7.3	6.4	5.2	6.4
Value of inventory adjustment	298.7	24.4	203	-91.7	337.6	-22.8	71.6	60.1	51.8	118.2
Total production expenses	2,702.8	2,669.8	2,681.9	2,828.3	2,922.4	2,034.8	1,954.3	1,978.1	2,071.9	2,065.4
Intermediate product expenses	1,516.2	1,508.8	1,510.9	1,576.4	1,595.4	1,022.3	1,026.0	1,025.3	1,096.0	1,081.9
Farm origin	593.5	564.4	568.5	572.0	521.2	318.4	305.1	319.6	325.5	322.0
Feed purchased	256.9	229.1	253.6	244.8	236.2	181.2	151.8	168.3	167.2	187.5
Livestock and poultry purchased	243.5	235.3	218.7	225.7	175.1	78.2	89.0	95.7	100.5	78.6
Seed purchased	93.1	100.0	96.2	101.5	109.9	58.9	64.2	55.6	57.8	55.9
Manufactured inputs	349.4	363.2	352.4	358.7	381.1	264.2	272.4	270.2	282.3	279.0
Fertilizer and lime	112.7	118.9	101.7	112.6	122.4	126.1	126.1	124.3	130.5	130.0
Pesticides	88.9	104.8	117.0	118.5	132.0	65.9	76.8	78.0	83.1	78.4
Fuel and oil	147.8	139.5	133.6	127.6	126.7	72.3	69.6	67.8	68.6	70.6
Other	573.3	581.2	590.0	645.8	693.1	439.7	448.5	435.5	488.2	480.9
Repair and maintenance	211.9	214.8	212.1	234.1	234.9	162.4	164.2	137.9	179.0	161.0
Other miscellaneous	361.4	366.5	377.9	411.7	458.2	277.2	284.3	297.7	309.2	319.9
Interest	287.4	260.5	248.2	283.7	301.4	192.8	173.7	158.2	164.5	171.5
Real estate	106.6	93.2	100.2	112.3	112.8	102.4	91.4	85.7	96.7	95.6
Nonreal estate	180.8	167.2	148.0	171.5	188.6	90.5	82.3	72.5	67.8	75.9
Contract and hired labor expenses	89.7	78.2	80.8	86.9	97.2	146.8	141.5	143.3	149.1	154.5
Net rent to nonoperator landlords ²	281.2	276.5	281.3	323.2	371.0	168.7	114.8	137.9	145.3	138.0
Capital consumption	404.6	412.7	414.3	413.4	405.0	436.9	427.2	436.1	439.0	440.3
Property taxes	123.7	133.2	146.3	144.7	152.4	67.4	71.1	77.3	78.1	79.2
Net farm income ³	1,153.4	1,030.7	1,146.0	982.5	1,353.7	374.5	433.4	611.9	513.0	647.2
Gross cash income	3,423.9	3,541.9	3,492.2	3,770.2	3,803.2	2,191.1	2,085.2	2,299.1	2,298.4	2,356.3
Cash expenses	2,278.6	2,233.4	2,255.2	2,399.5	2,495.0	1,547.1	1,473.8	1,500.0	1,592.6	1,585.1
Cash expenses, excluding net rent	1,973.6	1,932.8	1,949.9	2,052.6	2,100.9	1,363.8	1,344.9	1,347.8	1,433.0	1,432.8
Intermediate product expenses	1,493.0	1,481.0	1,494.8	1,563.2	1,577.5	985.7	987.1	996.1	1,068.9	1,057.1
Interest	280.9	254.5	242.9	273.4	290.1	182.3	163.8	149.1	155.0	161.8
Cash labor expenses	85.8	74.3	76.4	82.3	91.9	140.2	134.2	137.6	143.9	148.1
Property taxes	113.8	123.1	135.9	133.7	141.4	55.6	59.7	65.1	65.3	65.9
Net rent to nonoperator landlords ⁴	305.0	300.6	305.3	346.9	394.2	183.3	128.9	152.2	159.6	152.3
Net cash income	1,145.3	1,308.5	1,237.0	1,370.7	1,308.2	644.1	611.4	799.1	705.8	771.2
Number of farms	35,000	35,000	35,000	34,500	34,000	87,000	85,000	85,000	84,000	83,000

Continued—

See footnotes at end of table.

Table 2-1—Farm income indicators, Texas and Utah, 1990-94—Continued

Item	Texas					Utah				
	1990	1991	1992	1993	1994	1990	1991	1992	1993	1994
	<i>Million dollars</i>									
Gross farm income	14,522.0	14,389.7	14,435.0	15,652.8	15,334.5	906.9	850.5	923.0	967.9	999.7
Gross cash income	13,464.0	13,002.9	13,314.9	14,787.8	14,059.5	808.9	785.6	827.2	897.4	906.2
Farm marketings	11,812.9	12,107.4	11,471.1	12,662.3	12,552.2	744.4	724.8	766.1	831.4	818.9
Crops	4,056.9	4,308.6	3,944.3	4,492.1	4,324.2	175.0	175.2	193.5	217.7	221.3
Livestock and products	7,756.0	7,798.9	7,526.8	8,170.2	8,228.1	569.4	549.6	572.6	613.7	597.6
Government payments	974.7	777.9	1,162.0	1,420.8	863.2	34.9	33.2	36.0	36.6	32.1
Farm-related income	676.5	717.6	681.7	704.7	706.0	29.6	27.6	25.1	29.4	55.2
Noncash income	696.3	636.8	656.0	682.1	706.0	67.5	63.0	64.0	65.0	68.1
Value of home consumption	37.9	35.6	30.3	23.6	22.4	9.2	8.8	8.3	6.6	7.5
Rental value of dwellings	658.5	601.2	625.8	658.5	683.6	58.3	54.3	55.6	58.3	60.6
Operator and other dwellings ¹	604.7	534.9	583.8	607.7	639.8	54.7	49.8	52.7	54.5	56.9
Hired laborer dwellings	53.8	66.3	42.0	50.8	43.9	3.7	4.4	3.0	3.8	3.7
Value of inventory adjustment	361.7	150.0	464.1	182.9	568.9	30.4	1.9	31.8	5.6	25.5
Total production expenses	11,416.3	11,408.3	11,014.6	11,700.6	11,590.8	640.6	611.2	617.7	659.3	758.7
Intermediate product expenses	7,357.8	7,541.2	7,214.2	7,913.2	7,739.0	378.6	357.0	369.0	405.5	476.3
Farm origin	3,650.1	3,576.1	3,353.8	3,617.3	3,389.8	163.0	147.4	149.7	165.2	171.1
Feed purchased	1,735.3	1,678.3	1,569.3	1,585.9	1,686.3	94.1	80.2	81.8	82.7	98.1
Livestock and poultry purchased	1,698.3	1,653.7	1,547.2	1,797.5	1,463.9	58.3	55.2	57.0	70.8	59.4
Seed purchased	216.5	244.1	237.3	233.9	239.6	10.6	11.9	10.9	11.6	13.6
Manufactured inputs	1,196.0	1,272.7	1,232.5	1,287.8	1,360.2	55.0	49.8	46.0	51.8	60.3
Fertilizer and lime	454.3	501.6	480.9	516.9	579.3	15.7	10.9	10.4	16.2	20.0
Pesticides	269.2	309.7	324.0	314.6	320.6	7.1	7.3	7.1	7.8	9.2
Fuel and oil	472.5	461.4	427.5	456.3	460.3	32.3	31.6	28.5	27.8	31.1
Other	2,511.7	2,692.4	2,627.9	3,008.2	2,988.9	160.6	159.9	173.3	188.5	244.9
Repair and maintenance	518.0	521.2	552.5	582.4	518.3	47.1	46.5	55.3	54.8	66.6
Other miscellaneous	1,993.7	2,171.2	2,075.4	2,425.9	2,470.6	113.5	113.3	118.0	133.7	178.3
Interest	993.7	898.8	827.8	719.3	739.6	69.5	63.4	57.3	49.1	52.8
Real estate	429.0	383.9	370.3	296.2	298.9	36.1	32.6	29.5	25.1	24.3
Nonreal estate	564.7	514.9	457.5	423.1	440.7	33.4	30.8	27.8	24.0	28.5
Contract and hired labor expenses	851.9	829.7	800.6	820.4	758.1	62.2	60.2	58.0	70.7	91.2
Net rent to nonoperator landlords ²	704.4	646.5	647.2	662.6	744.1	7.4	5.9	7.0	4.7	7.2
Capital consumption	1,187.9	1,193.6	1,209.9	1,237.6	1,213.5	101.6	103.7	104.9	106.2	105.6
Property taxes	320.7	298.5	314.9	347.5	396.5	21.3	20.9	21.5	23.1	25.7
Net farm income ³	3,105.8	2,981.4	3,420.4	3,952.1	3,743.7	266.3	239.3	305.3	308.6	241.0
Gross cash income	13,464.0	13,602.9	13,314.9	14,787.8	14,059.5	808.9	785.6	827.2	897.4	906.2
Cash expenses	10,103.0	10,093.4	9,692.0	10,336.1	10,261.9	528.2	496.8	503.3	544.0	639.0
Cash expenses, excluding net rent	9,348.2	9,396.6	8,994.3	9,622.2	9,467.7	517.3	487.3	492.7	535.6	628.2
Intermediate product expenses	7,292.2	7,486.0	7,145.2	7,851.7	7,690.4	373.2	352.3	363.8	401.1	467.2
Interest	967.0	874.0	806.2	688.9	706.1	66.8	60.9	55.1	46.7	50.2
Cash labor expenses	799.6	766.1	758.8	769.9	714.9	58.1	55.2	54.3	66.9	87.5
Property taxes	289.3	270.5	284.0	311.7	356.3	19.1	18.9	19.5	20.9	23.3
Net rent to nonoperator landlords ⁴	754.8	696.8	697.7	713.9	794.2	10.9	9.5	10.6	8.4	10.8
Net cash income	3,361.0	3,509.5	3,622.9	4,451.7	3,797.6	280.7	288.8	323.9	353.4	267.1
Number of farms	196,000	197,000	198,000	200,000	200,000	13,200	13,300	13,200	13,000	13,000
	<i>Number</i>									

See footnotes at end of table.

Continued—

Table 2-1—Farm income indicators, Vermont and Virginia, 1990-94—Continued

Item	Vermont					Virginia				
	1990	1991	1992	1993	1994	1990	1991	1992	1993	1994
	<i>Million dollars</i>									
Gross farm income	507.7	487.6	559.9	520.0	539.4	2,504.2	2,462.1	2,463.1	2,332.5	2,523.1
Gross cash income	492.4	461.8	503.9	508.8	498.5	2,339.1	2,283.5	2,239.7	2,231.1	2,285.0
Farm marketings	466.4	438.7	479.3	489.2	480.5	2,138.1	2,088.6	2,120.4	2,094.7	2,159.3
Crops	66.6	73.5	93.1	87.3	90.8	769.0	750.1	779.5	697.0	773.1
Livestock and products	399.8	365.1	386.2	401.9	389.8	1,369.2	1,338.5	1,340.9	1,397.7	1,386.2
Government payments	5.8	3.3	5.6	3.4	4.2	32.4	26.6	29.1	46.3	34.3
Farm-related income	20.2	19.8	19.1	16.2	13.8	168.6	168.3	90.2	90.1	91.5
Noncash income	34.4	31.7	31.0	33.0	33.4	169.2	179.1	171.2	163.6	167.5
Value of home consumption	3.8	3.8	2.3	2.3	1.6	19.0	15.6	15.6	13.3	11.5
Rental value of dwellings	30.7	27.9	28.7	30.7	31.9	150.2	163.5	155.6	150.2	156.0
Operator and other dwellings ¹	29.2	26.4	27.1	29.2	30.2	142.3	154.5	147.7	143.1	147.3
Hired laborer dwellings	1.5	1.6	1.7	1.5	1.7	8.0	9.0	7.9	7.1	8.7
Value of inventory adjustment	-19.1	-5.9	25.0	-21.7	7.4	-4.2	-0.4	52.3	-62.2	70.6
Total production expenses	409.6	400.3	396.5	404.4	425.1	1,860.0	1,828.4	1,818.0	1,877.4	1,914.8
Intermediate product expenses	252.1	247.2	249.5	249.1	264.1	1,040.7	1,049.7	1,049.1	1,112.3	1,127.9
Farm origin	114.3	115.4	111.5	113.8	108.2	406.7	384.4	397.5	424.4	465.6
Feed purchased	101.5	101.6	99.3	101.1	95.6	285.8	250.6	263.0	284.5	323.4
Livestock and poultry purchased	8.1	8.4	7.6	8.1	7.4	76.5	84.8	91.4	95.1	98.8
Seed purchased	4.6	5.4	4.6	4.6	5.2	44.3	49.0	43.1	44.9	43.4
Manufactured inputs	29.6	28.5	25.9	23.6	25.8	243.9	261.3	267.9	266.4	250.8
Fertilizer and lime	13.8	12.5	10.9	8.5	9.9	119.0	131.0	138.9	132.9	119.2
Pesticides	3.1	3.6	3.5	3.3	3.9	55.2	63.1	62.9	67.0	63.2
Fuel and oil	12.7	12.4	11.5	11.9	12.0	69.7	67.2	66.1	66.4	68.4
Other	108.3	103.3	105.6	111.7	130.2	390.2	404.0	383.7	421.5	411.5
Repair and maintenance	28.8	27.9	29.7	29.5	32.1	122.7	119.6	105.0	122.1	113.6
Other miscellaneous	79.4	75.5	75.9	82.2	98.1	267.5	284.4	278.7	299.3	298.0
Interest	28.9	25.5	24.1	22.5	26.4	181.8	164.3	148.8	140.0	154.6
Real estate	14.8	12.8	11.7	10.7	11.8	106.2	94.7	88.8	83.3	88.9
Nonreal estate	14.1	12.7	12.4	11.8	14.6	75.6	69.6	59.9	56.7	65.7
Contract and hired labor expenses	38.7	37.7	38.2	40.3	41.4	181.9	177.3	180.1	189.9	190.4
Net rent to nonoperator landlords ²	-2.1	-2.1	-2.0	-2.5	-2.9	46.2	42.5	47.3	46.2	42.4
Capital consumption	66.9	65.7	66.7	66.7	67.7	350.0	331.8	324.9	320.2	329.8
Property taxes	25.2	26.4	26.6	28.3	28.3	59.4	62.9	67.8	68.8	69.6
Net farm income ³	98.1	87.2	163.4	115.6	114.3	644.2	633.7	645.1	455.2	608.4
Gross cash income	492.4	461.8	503.9	508.8	498.5	2,339.1	2,283.5	2,239.7	2,231.1	2,285.0
Cash expenses	334.0	326.4	319.8	328.7	348.1	1,464.8	1,450.6	1,457.5	1,527.0	1,553.6
Cash expenses, excluding net rent	333.6	326.1	319.5	328.9	348.5	1,404.3	1,394.6	1,397.2	1,468.0	1,498.1
Intermediate product expenses	248.7	244.2	238.5	244.5	259.8	1,010.4	1,019.4	1,027.5	1,093.2	1,110.1
Interest	26.2	23.0	21.7	21.3	25.1	169.0	152.5	137.9	131.7	145.6
Cash labor expenses	37.1	36.0	36.5	38.8	39.8	173.3	167.5	172.2	182.8	181.7
Property taxes	21.6	22.9	22.7	24.2	23.9	51.5	55.2	59.6	60.3	60.7
Net rent to nonoperator landlords ⁴	0.4	0.3	0.4	-0.2	-0.4	60.5	56.0	60.4	59.0	55.5
Net cash income	158.4	135.3	184.1	180.1	150.5	874.3	832.8	782.1	704.1	731.4
Number of farms	6,500	6,400	6,400	6,400	6,200	46,000	45,000	45,000	45,000	46,000

See footnotes at end of table.

Continued—

Table 2-1—Farm income indicators, Washington and West Virginia, 1990-94—Continued

Item	Washington					West Virginia				
	1990	1991	1992	1993	1994	1990	1991	1992	1993	1994
	Million dollars									
Gross farm income	4,570.5	4,812.0	5,187.1	5,677.4	5,462.3	413.0	389.8	414.4	474.6	502.9
Gross cash income	4,306.9	4,772.9	4,971.7	5,342.3	5,374.3	343.9	344.1	354.9	431.6	431.4
Farm marketings	3,738.5	4,229.0	4,344.5	4,632.8	4,720.5	318.1	318.2	330.1	404.6	402.7
Crops	2,351.0	2,860.4	2,883.5	3,074.7	3,111.8	64.3	71.8	78.9	81.1	74.2
Livestock and products	1,387.4	1,368.6	1,460.9	1,558.1	1,608.7	253.8	246.4	251.2	323.5	328.5
Government payments	205.4	206.1	188.7	207.2	152.9	6.0	5.4	6.9	6.3	5.5
Farm-related income	363.0	337.8	438.5	502.3	501.0	19.7	20.5	17.9	20.8	23.1
Noncash income	163.6	151.3	155.2	156.8	160.5	52.4	51.5	52.4	51.7	51.6
Value of home consumption	21.0	16.0	16.4	14.1	12.5	8.3	7.2	7.5	7.6	5.9
Rental value of dwellings	142.6	135.3	138.8	142.6	148.1	44.0	44.3	44.9	44.0	45.7
Operator and other dwellings ¹	130.9	125.3	124.4	131.3	134.3	42.8	42.9	43.6	43.0	44.5
Hired laborer dwellings	11.7	10.0	14.4	11.3	13.7	1.3	1.5	1.3	1.0	1.2
Value of inventory adjustment	100	-112.2	60.2	178.4	-72.5	16.8	-5.8	7	-8.7	19.8
Total production expenses	3,696.1	3,872.4	3,974.0	4,370.5	4,539.9	359.0	349.3	336.8	386.9	412.8
Intermediate product expenses	1,930.5	2,093.2	2,100.1	2,408.1	2,528.7	195.1	190.6	178.2	228.2	249.3
Farm origin	643.4	660.6	665.2	831.7	749.4	83.5	74.8	70.2	96.7	120.5
Feed purchased	365.8	345.6	387.9	480.4	466.1	50.0	44.6	44.0	58.9	77.5
Livestock and poultry purchased	173.9	187.6	158.3	223.8	161.5	29.1	25.6	22.3	33.7	39.1
Seed purchased	103.8	127.4	119.0	127.5	121.8	4.3	4.6	3.9	4.1	3.9
Manufactured inputs	427.7	456.2	479.4	485.2	528.6	30.2	29.3	29.6	30.9	30.3
Fertilizer and lime	175.5	181.8	193.5	188.7	231.4	10.8	9.6	10.0	10.8	10.3
Pesticides	139.0	160.1	177.5	184.8	190.9	5.7	6.4	6.3	6.7	6.3
Fuel and oil	113.2	114.2	108.4	111.7	106.2	13.8	13.4	13.3	13.3	13.7
Other	859.4	976.4	955.6	1,091.3	1,250.8	81.4	86.5	78.3	100.6	98.4
Repair and maintenance	231.7	240.2	241.6	264.5	271.2	34.9	36.2	30.2	39.1	34.6
Other miscellaneous	627.7	736.1	714.0	826.7	979.6	46.4	50.3	48.2	61.5	63.8
Interest	248.1	217.4	208.2	215.2	235.0	39.4	35.5	32.5	29.8	33.4
Real estate	112.4	92.4	97.9	106.9	109.8	28.6	25.6	24.0	20.3	22.3
Nonreal estate	135.7	125.0	110.2	108.3	125.1	10.8	9.9	8.5	9.5	11.1
Contract and hired labor expenses	607.7	631.5	644.6	681.9	693.8	28.2	26.9	26.7	28.0	28.5
Net rent to nonoperator landlords ²	452.1	465.8	546.7	578.3	581.1	2.4	2.0	3.2	3.5	2.3
Capital consumption	342.5	347.4	350.3	353.4	358.1	85.9	85.8	87.0	88.0	89.9
Property taxes	115.2	117.1	124.2	133.5	143.2	8.1	8.6	9.1	9.3	9.4
Net farm income ³	874.4	939.6	1,213.1	1,306.9	922.4	54.0	40.5	77.6	87.6	90.1
Gross cash income	4,306.9	4,772.9	4,971.7	5,342.3	5,374.3	343.9	344.1	354.9	431.6	431.4
Cash expenses	3,312.2	3,483.4	3,589.9	3,989.9	4,149.8	263.1	252.5	241.1	292.3	316.2
Cash expenses, excluding net rent	2,838.8	2,996.2	3,021.8	3,390.2	3,547.0	257.5	247.2	234.6	285.4	310.6
Intermediate product expenses	1,906.6	2,066.3	2,086.6	2,395.6	2,514.6	188.0	182.4	171.9	222.6	244.1
Interest	234.9	205.5	196.3	204.5	223.3	35.6	32.0	29.3	27.8	31.2
Cash labor expenses	593.6	618.3	627.2	670.3	680.4	27.0	25.4	25.6	27.0	27.3
Property taxes	103.7	106.1	111.8	119.8	128.8	6.8	7.4	7.9	8.0	8.0
Net rent to nonoperator landlords ⁴	473.4	487.2	568.1	599.7	602.7	5.7	5.3	6.5	6.9	5.7
Net cash income	994.7	1,289.5	1,381.8	1,352.4	1,224.6	80.7	91.6	113.8	139.3	115.2
Number of farms	37,000	37,000	37,000	36,000	36,000	20,500	20,000	20,000	20,000	20,000

See footnotes at end of table.

Continued—

Table 2-1—Farm income indicators, Wisconsin and Wyoming, 1990-94—Continued

Item	Wisconsin					Wyoming				
	1990	1991	1992	1993	1994	1990	1991	1992	1993	1994
	Million dollars									
Gross farm income	6,515.0	6,062.3	6,138.7	6,009.0	6,482.6	874.2	1,061.3	945.7	1,036.6	893.7
Gross cash income	6,122.6	5,833.3	6,046.7	5,961.0	5,876.2	828.6	927.1	882.3	925.9	879.8
Farm marketings	5,682.2	5,410.7	5,669.9	5,395.1	5,384.2	769.3	863.1	806.2	841	778.4
Crops	1,143.5	1,312.2	1,389.8	1,294.3	1,439.3	161.3	187.3	198.1	180.5	157.3
Livestock and products	4,538.7	4,098.5	4,280.1	4,100.8	3,944.9	607.9	675.7	608.1	660.5	621
Government payments	181.2	150.0	166.0	310.2	236.5	31.3	33.2	36.7	43.2	38.1
Farm-related income	259.2	272.6	210.8	255.7	255.5	28.1	30.8	39.4	41.7	63.3
Noncash income	280.0	282.7	278.6	277.0	284.2	46.2	46.5	46.7	46.5	49.5
Value of home consumption	26.1	25.3	24.2	23.1	20.5	4.2	3.6	6.3	4.5	5.9
Rental value of dwellings	253.9	257.4	254.4	253.9	263.6	42	42.9	40.4	42	43.7
Operator and other dwellings ¹	235.5	236.0	239.7	235.8	252.3	38.5	38.6	37.5	39	40.7
Hired laborer dwellings	18.4	21.4	14.7	18.1	11.3	3.6	4.3	2.9	3.1	2.9
Value of inventory adjustment	112.3	-53.7	-186.6	-229	322.2	-0.7	87.7	16.8	64.2	-35.7
Total production expenses	5,358.1	5,403.4	5,289.8	5,501.7	5,856.4	719.5	815.4	695.7	742.8	771.9
Intermediate product expenses	2,818.1	2,895.4	2,828.1	3,007.4	3,251.9	450	557.5	449.1	479.8	490
Farm origin	957.9	958.6	946.2	996.4	1,064.4	239.3	333.9	228.9	243.3	203.4
Feed purchased	751.9	732.6	717.8	752.8	781.3	47.1	46.5	52.8	53.1	57.8
Livestock and poultry purchased	42.7	41.9	39.0	40.3	49.4	182.8	276.8	166.5	180	133.7
Seed purchased	163.4	184.0	189.3	203.2	233.8	9.4	10.6	9.6	10.2	12
Manufactured inputs	564.3	595.7	567.6	574.6	637.3	56.3	58.1	51.2	51.6	60
Fertilizer and lime	244.4	255.8	245.2	233.9	272.1	14.4	16.8	13.8	14.4	17.9
Pesticides	133.1	162.2	154.5	167.9	188.9	7.6	8	7.9	8.7	10.2
Fuel and oil	186.7	177.7	167.8	172.8	176.2	34.3	33.2	29.5	28.5	32
Other	1,295.9	1,341.2	1,314.4	1,436.3	1,550.2	154.4	165.5	169	184.8	226.6
Repair and maintenance	416.9	424.5	354.2	394.8	429.7	42.9	41.5	49.9	50.9	60.5
Other miscellaneous	879.0	916.7	960.2	1,041.5	1,120.6	111.6	124	119.1	134	166.1
Interest	495.8	451.5	394.8	365.1	407.2	71.6	65.5	59.1	60.6	68.5
Real estate	244.3	219.4	195.5	179.9	195.7	31.3	28.3	25.5	26.9	28.2
Nonreal estate	251.4	232.1	199.3	185.2	211.5	40.3	37.2	33.5	33.7	40.2
Contract and hired labor expenses	438.2	451.5	484.0	490.4	509.6	55.4	51.5	48.1	58.3	74.6
Net rent to nonoperator landlords ²	337.2	318.2	275.3	323.4	367.4	27.3	26.5	23.9	23.9	17
Capital consumption	897.5	909.9	910.0	911.2	899.1	88.8	88.6	88.8	91.5	90.1
Property taxes	371.3	376.9	397.5	404.3	421.2	26.5	25.7	26.8	28.7	31.8
Net farm income ³	1,156.8	659.0	849.0	507.2	626.2	154.7	245.9	250.1	293.9	121.7
Gross cash income	6,122.6	5,833.3	6,046.7	5,961.0	5,876.2	828.6	927.1	882.3	925.9	879.8
Cash expenses	4,369.9	4,405.0	4,305.7	4,545.8	4,877.7	623.1	719.6	601.1	644.7	671.2
Cash expenses, excluding net rent	3,958.3	4,012.0	3,956.4	4,148.8	4,437.8	591.4	688.7	572.9	616.4	649.7
Intermediate product expenses	2,782.5	2,857.5	2,793.9	2,986.1	3,195.1	445.3	553.7	445.3	476.5	483.2
Interest	446.1	406.1	353.2	347.5	386.9	69.9	63.8	57.7	58.1	65.5
Cash labor expenses	421.0	432.1	469.6	472.2	498.2	51.9	47.4	45.2	55.2	71.6
Property taxes	308.6	316.3	339.7	343.0	357.6	24.3	23.8	24.8	26.6	29.5
Net rent to nonoperator landlords ⁴	411.6	393.0	349.3	397.0	439.9	31.7	30.9	28.2	28.3	21.4
Net cash income	1,752.7	1,428.3	1,741.0	1,415.2	998.5	205.5	207.4	281.2	281.1	208.6
Number of farms	80,000	79,000	79,000	79,000	79,000	8,900	9,000	9,200	9,200	9,200

¹Value added to gross income. Value added to net farm income equals difference in net farm income and returns to operators. ²Includes landlord capital consumption. ³Statistics above the net farm income line represent the farm sector, defined as including farm operators' dwellings located on farms. Statistics below the net farm income line represent only the farm businesses to the exclusion of the operator's dwellings. ⁴Excludes landlord capital consumption.

Table 2-2—Ranking of 10 leading States for cash receipts, 1994

Commodity	Rank	Value	Top 10 States by their value of cash receipts									
			1	2	3	4	5	6	7	8	9	10
		<i>Million dollars</i>	<i>-----State and million dollars-----</i>									
Total		179,669	CA	TX	IA	NE	IL	KS	MN	NC	FL	WI
Livestock and products		88,107	TX	NE	CA	IA	KS	WI	MN	NC	AR	CO
Crops		91,562	CA	IL	IA	FL	TX	NE	WA	MN	IN	NC
Cattle and calves	1	36,445	TX	NE	KS	CO	OK	IA	CA	SD	MO	MN
Dairy products	2	19,934	CA	WI	NY	PA	MN	TX	MI	WA	OH	IA
Corn	3	15,031	IL	IA	NE	IN	MN	OH	TX	KS	SD	MO
Soybeans	4	13,404	IL	IA	IN	OH	MN	MO	AR	NE	SD	KS
Broilers	5	11,370	AR	GA	AL	NC	MS	TX	DE	MD	VA	CA
Greenhouse and nursery	6	10,044	CA	FL	NC	TX	OH	MI	OR	PA	OK	NY
Hogs	7	9,859	IA	NC	IL	MN	NE	IN	MO	SD	OH	KS
Wheat	8	7,794	KS	ND	MT	WA	OK	SD	ID	CO	MN	TX
Cotton	9	5,730	TX	CA	MS	AR	LA	GA	AZ	TN	NC	AL
Chicken eggs	10	3,777	AR	GA	CA	PA	IN	OH	AL	TX	NC	IA
Hay	11	3,579	CA	OR	WA	CO	ID	SD	TX	KS	NE	IA
Turkeys	12	2,672	NC	MN	AR	MO	CA	VA	IN	IA	PA	SC

See footnote at end of table.

Continued—

Table 2-2—Ranking of 10 leading States for cash receipts, 1994—Continued

Commodity	Rank	Value	Top 10 States by their value of cash receipts									
			1	2	3	4	5	6	7	8	9	10
		<i>Million dollars</i>	----- <i>State and million dollars</i> -----									
Tobacco	13	2,646	NC 943	KY 786	TN 248	SC 172	VA 169	GA 136	OH 33	IN 29	FL 27	CT 25
Potatoes	14	2,529	ID 575	WA 437	CA 169	WI 140	ND 129	CO 129	OR 128	FL 119	ME 112	MI 102
Grapes	15	1,854	CA 1,683	WA 58	NY 40	AZ 24	MI 16	PA 15	OR 9	AR 3	GA 2	OH 2
Tomatoes	16	1,683	CA 905	FL 428	VA 48	OH 47	SC 36	GA 35	NJ 29	TN 24	MI 24	IN 23
Rice	17	1,654	AR 679	CA 383	LA 234	TX 174	MS 141	MO 44	n.a.	n.a.	n.a.	n.a.
Oranges	18	1,580	FL 1,134	CA 434	AZ 10	TX 3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Apples	19	1,321	WA 686	CA 134	NY 105	MI 87	PA 41	VA 27	NC 22	OR 20	WI 18	ID 17
Sugar beets	20	1,242	MN 346	ID 231	ND 176	CA 145	MI 108	MT 57	NE 54	WY 45	CO 36	OR 18
Peanuts	21	1,231	GA 533	TX 173	AL 144	NC 134	OK 81	VA 80	FL 58	NM 17	SC 10	AZ 1
Sorghum grain	22	1,142	KS 357	TX 323	NE 176	MO 89	AR 37	IL 31	OK 29	SD 21	CO 19	LA 16
Lettuce	23	1,111	CA 872	AZ 184	NJ 16	FL 13	NM 7	CO 7	OH 5	NY 4	WA 3	HI 1
Almonds	24	894	CA 894	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Cane for sugar	25	882	FL 462	LA 227	HI 159	TX 34	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Vegetables		13,033	CA 4,445	FL 1,397	WA 786	ID 713	MI 429	WI 392	TX 392	OR 385	GA 366	AZ 366
Fruits and nuts		10,146	CA 5,574	FL 1,600	WA 1,007	OR 233	MI 188	NY 170	HI 149	AZ 147	MA 119	GA 104

n.a. = Not applicable.

Table 2-4—Gross farm income, production costs, net farm income by State, ranked by 1994 net farm income

Rank	State	1993			1994		
		Gross farm income	Total production expenses	Net farm income	Gross farm income	Total production expenses	Net farm income
<i>Dollars</i>							
1	California	21,776,652	16,258,818	5,517,834	21,838,297	16,761,150	5,077,147
2	Texas	15,652,753	11,700,639	3,952,114	15,334,479	11,590,811	3,743,668
3	North Carolina	7,035,881	4,497,787	2,538,094	7,677,672	4,804,261	2,873,411
4	Iowa	10,618,449	9,988,585	629,864	13,116,131	10,322,845	2,793,286
5	Nebraska	9,786,581	7,875,040	1,911,541	9,973,084	7,708,863	2,264,221
6	Florida	6,437,829	3,967,061	2,470,768	6,278,174	4,027,310	2,250,864
7	Georgia	4,912,082	3,424,018	1,488,064	5,650,109	3,595,584	2,054,525
8	Illinois	9,025,567	7,792,822	1,232,745	9,715,008	7,795,608	1,919,400
9	Kansas	8,582,552	7,070,072	1,512,480	9,053,163	7,375,066	1,678,097
10	Arkansas	5,450,753	4,433,025	1,017,728	6,010,091	4,591,211	1,418,880
11	Minnesota	7,043,343	7,007,925	35,418	8,928,249	7,521,107	1,407,142
12	South Dakota	3,810,808	2,828,333	982,475	4,276,139	2,922,431	1,353,708
13	Kentucky	3,860,130	2,733,677	1,126,453	3,879,365	2,670,214	1,209,151
14	Ohio	5,086,906	4,219,336	867,570	5,416,081	4,246,397	1,169,684
15	Oklahoma	4,605,137	3,413,131	1,192,006	4,826,530	3,693,650	1,132,880
16	Alabama	3,443,628	2,409,706	1,033,922	3,630,797	2,508,041	1,122,756
17	Missouri	4,950,539	4,311,600	638,939	5,378,851	4,414,372	964,479
18	Washington	5,677,388	4,370,464	1,306,924	5,462,311	4,539,877	922,434
19	North Dakota	3,488,154	2,966,890	521,264	3,968,105	3,109,333	858,772
20	Indiana	5,824,336	4,906,640	917,696	5,712,444	4,855,320	857,124
21	Pennsylvania	4,095,660	3,262,909	832,751	4,159,955	3,486,627	673,328
22	Mississippi	3,233,915	2,888,670	345,245	3,679,497	3,009,866	669,631
23	Idaho	3,336,858	2,295,057	1,041,801	3,393,798	2,728,663	665,135
24	Tennessee	2,584,885	2,071,926	512,959	2,712,680	2,065,444	647,236
25	Wisconsin	6,008,955	5,501,716	507,239	6,482,584	5,856,361	626,223
26	Virginia	2,332,502	1,877,352	455,150	2,523,137	1,914,762	608,375
27	Colorado	4,775,425	3,769,513	1,005,912	4,580,564	3,972,873	607,691
28	Oregon	3,551,371	2,890,025	661,346	3,592,832	3,069,349	523,483
29	Louisiana	2,300,868	1,924,180	376,688	2,485,155	1,964,966	520,189
30	Arizona	2,149,297	1,447,794	701,503	2,048,015	1,566,366	481,649
31	South Carolina	1,429,212	1,125,337	303,875	1,619,873	1,158,470	461,403
32	Montana	2,557,916	1,732,007	825,909	2,412,296	1,958,414	453,882
33	New Mexico	1,704,145	1,248,844	455,301	1,775,462	1,397,959	377,503
34	New York	3,124,029	2,591,069	532,960	3,095,483	2,758,880	336,603
35	Maryland	1,511,536	1,231,356	280,180	1,572,948	1,296,607	276,341
36	New Jersey	810,632	608,858	201,774	900,310	651,377	248,933
37	Utah	967,942	659,318	308,624	999,696	758,702	240,994
38	Michigan	3,921,154	3,461,572	459,582	3,835,440	3,642,909	192,531
39	Connecticut	518,705	340,524	178,181	522,756	356,210	166,546
40	Massachusetts	551,546	365,551	185,995	529,721	389,783	139,938
41	Delaware	670,181	556,536	113,645	734,359	607,571	126,788
42	Wyoming	1,036,618	742,758	293,860	893,654	771,923	121,731
43	Vermont	520,022	404,374	115,648	539,376	425,076	114,300
44	Maine	549,859	421,341	128,518	555,878	458,129	97,749
45	West Virginia	474,556	386,930	87,626	502,870	412,788	90,082
46	Nevada	329,566	224,039	105,527	339,817	272,741	67,076
47	New Hampshire	189,803	141,535	48,268	193,728	147,959	45,769
48	Rhode Island	89,028	45,080	43,948	89,793	48,075	41,718
49	Hawaii	537,808	489,423	48,385	537,898	511,343	26,555
50	Alaska	35,386	26,848	8,538	36,732	27,690	9,042
	United States	202,968,848	160,908,011	42,060,837	213,471,387	166,741,334	46,730,053

Farm Assets, Debt, and Equity Up in 1994

Farm equity has increased steadily since 1990 as asset values have risen faster than farm debt. Growth in real estate assets has been the major component of expanding farm asset values. Texas, California, Illinois, Iowa, and Nebraska were the top five States ranked according to value of farm assets and farm equity in 1994.

Farm Asset Values Continue To Grow

Farm business real estate assets for 1994 were 4.8 percent greater than 1993 levels, raising the level of farm assets by 3.4 percent for the year. In fact, growth in real estate assets has been the major component of expanding asset values since 1990 (fig. 3-1). Real estate values represent about three-quarters of farm assets, and have grown at slightly increasing rates each year since the beginning of the 1990's. After accounting for the returns attributable to management and operator labor, the returns from holding farm assets increased from \$26.1 billion in 1993 to \$33.5 billion in 1994. The growth in returns to farm assets, plus favorable interest rates, has supported the increases in asset values.

Farm Sector Debt Rose for Second Consecutive Year

Farm debt rose by nearly \$5 billion from 1993 to 1994, a 3.4-percent increase. Nonreal estate debt has grown more rapidly than real estate debt since 1990 (fig. 3-2). Two-thirds of the increase in farm debt in 1994 was for nonreal estate loans. This increase in farm debt, the second consecutive increase since 1992, reflects both farm investors' positive view of the future of the farm sector—stable to growing returns on their investment—and the favorable interest rate environment. Farmers seem increasingly willing to replace their aging capital stock and invest in farmland.

Farm Equity Rose by 3.4 Percent

Farm equity rose by over \$25 billion, or 3.4 percent, from \$761.0 to \$786.7 billion. Farm equity has increased steadily since 1990, as asset values have risen faster than farm debt (figs. 3-3 and 3-4). When adjusted for inflation (1987 dollars), the value of farm wealth increased from \$616.2 billion in 1993 to \$623.9

billion in 1994. Even so, the current nominal dollar value of farm wealth was about equal to farm wealth in 1981 (\$799.9 billion).

Farm Equity Highest in Texas, California, Illinois, Iowa, and Nebraska

The same States that ranked at the top in net farm income and cash receipts also rank at the top in farm assets, debt, and equity (table 3-1). Collectively Texas, California, Illinois, Iowa, and Nebraska held about one-third of the Nation's farm assets in 1994. Texas recorded the greatest asset value, \$82.1 billion, up almost 3 percent from 1993. Real estate composed three-quarters of the value of Texas' farm assets. Texas was the number one State in cash receipts from cattle and calves, so it is not surprising that livestock and poultry was the second largest farm asset category (10.7 percent) in Texas. Texas also ranked first in equity value at \$72.2 billion. Although farm business debt increased in Texas, the rate of increase has been modestly less than the annual change in asset value. As a result, the State's debt/equity ratio has been declining during the 1990's. California ranked second in farm assets with \$71.0 billion and second in equity with \$56.9 billion. California's farm sector carried more total debt than any other State. Compared with Texas, California exhibited a higher percentage (85 percent) of total farm assets in farmland and buildings. Even though California led the Nation in sales of dairy products, the value of its livestock and poultry inventory was only 5 percent of total farm sector assets. Also in contrast to most other States, California's value of assets and equity declined in 1993 and 1994.

The most rapid rate of asset and equity growth was recorded for Washington State, 9.3 and 10.4 percent, respectively (table 3-2). The change in Washington's farm assets is largely attributable to increased real estate value. Maryland, Utah, Oregon, and Louisiana round out the list of the top five States ranked in order of the percentage growth of asset values. North Carolina had the most rapid rate of increase in farm debt. Nearly 80 percent of the growth in North Carolina debt is attributable to change in nonreal estate debt.

Figure 3-1
Farm assets, 1990-94

Farm assets growing, paced by expansion in real estate value

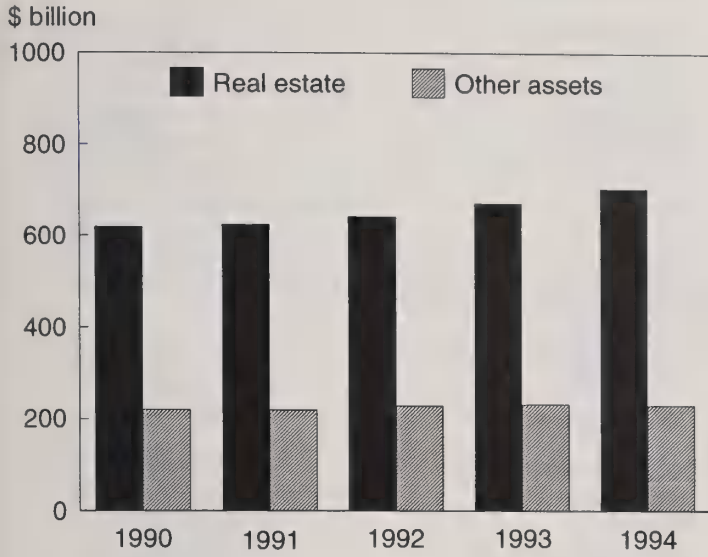


Figure 3-2
Farm debt, 1990-94

Farm debt also increased; nonreal estate debt faster than real estate debt

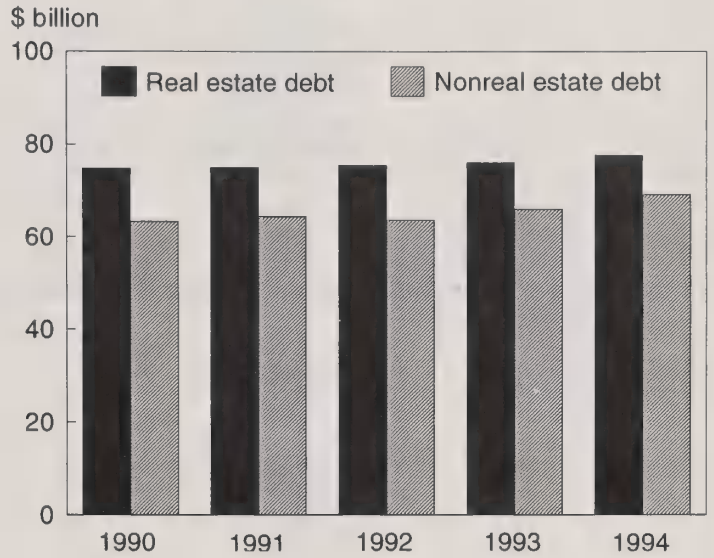


Figure 3-3
Farm assets and debt, 1990-94

Farm asset value growing faster than debt

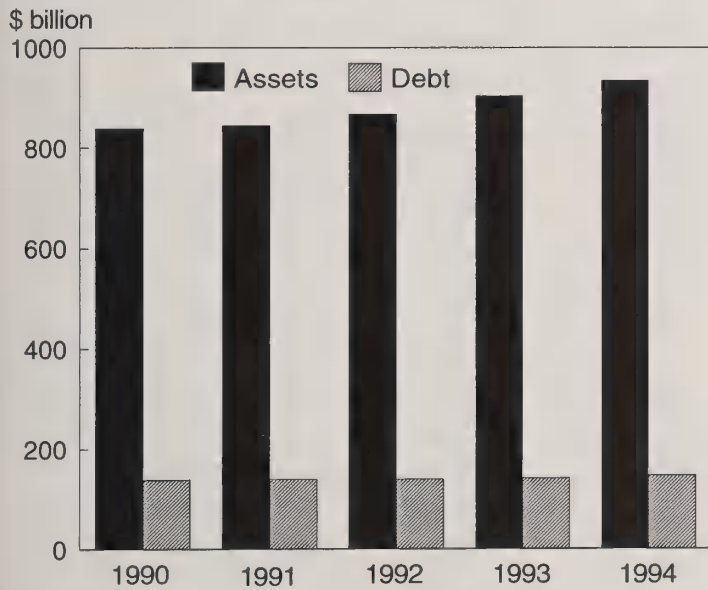


Figure 3-4
Farm equity, 1990-94

Farm equity grew, despite increases in farm debt

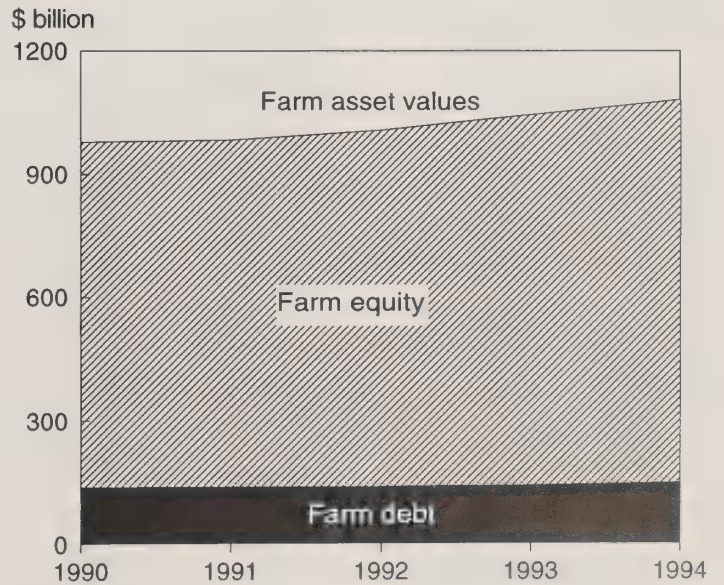


Table 3-1—Top five States in farm assets, debt, and equity, 1994

Rank	State and value		
	Assets	Debt	Equity
	<i>Billion dollars</i>		
1	Texas (82.1)	California (14.1)	Texas (72.2)
2	California (71.0)	Iowa (10.8)	California (56.9)
3	Illinois (58.7)	Texas (9.8)	Illinois (51.0)
4	Iowa (55.6)	Illinois (7.7)	Iowa (44.8)
5	Nebraska (36.2)	Nebraska (7.5)	Nebraska (28.6)

Table 3-2—Top five States in percentage increases in farm assets, debt, and equity, 1993-94¹

Rank	State and increase		
	Assets	Debt	Equity
	<i>Percent</i>		
1	Washington (9.3)	North Carolina (9.2)	Washington (10.4)
2	Utah (8.6)	Wyoming (9.0)	Maryland (9.2)
3	Maryland (8.2)	Ohio (7.1)	Utah (9.1)
4	Ohio (7.8)	North Dakota (6.9)	Oregon (8.6)
5	Oregon (7.4)	Maine (6.5)	Louisiana (8.4)

¹The details for additional States can be derived from the data for individual States in table 3-4.

Table 3-3—Farm business balance sheet, United States, December 31, 1990-94¹

Item	1990	1991	1992	1993	1994
	<i>Thousands</i>				
Farms	2,146	2,117	2,108	2,083	2,065
	<i>Billion dollars</i>				
Farm assets	838.8	843.7	868.4	902.9	933.5
Real estate	618.4	624.4	640.6	670.9	703.3
Livestock and poultry ¹	70.9	68.1	71.0	72.8	68.3
Machinery and motor vehicles ²	85.4	85.8	85.6	85.2	85.7
Crops ³	23.0	22.2	24.2	23.3	23.4
Purchased inputs	2.8	2.7	3.9	4.2	5.0
Financial	38.3	40.6	43.1	46.6	47.7
Farm debt	138.0	139.2	139.1	142.0	146.8
By purpose:					
Real estate	74.7	74.9	75.4	76.0	77.6
Nonreal estate ⁴	63.2	64.3	63.6	65.9	69.1
By lender:					
Farm Credit System	35.8	35.5	35.8	35.4	35.8
Farmers Home Administration	17.0	15.3	13.5	12.1	11.5
Commercial banks	47.6	50.3	51.7	54.5	57.8
Life insurance companies	9.7	9.5	8.8	9.0	9.0
Individuals and others ⁵	27.9	28.6	29.3	30.9	32.7
Equity	700.8	704.5	729.4	761.0	786.7
	<i>Ratio</i>				
Debt/equity	19.7	19.8	19.1	18.7	18.7
Debt/assets	16.4	16.5	16.0	15.7	15.7

¹Excludes horses, mules, and broilers.

²Includes only farm share value for trucks and autos.

³All non-Commodity Credit Corporation (CCC) crops held on farms plus the value above loan rate for crops held under CCC.

⁴Excludes debt for nonfarm purposes.

⁵Includes loans from CCC for storage and drying facilities.

Table 3-4—Farm business balance sheet, Alabama and Alaska, December 31, 1990-94

Item	1990	1991	1992	1993	1994
Alabama					
			<i>Number</i>		
Farms	47,000	46,000	46,000	46,000	46,000
			<i>Million dollars</i>		
Farm assets	10,161.2	10,671.2	11,380.0	12,575.5	13,424.0
Real estate	7,149.9	7,650.0	8,318.6	9,298.6	10,240.7
Livestock and poultry ¹	1,073.5	1,033.3	974.4	1,068.3	950.3
Machinery and motor vehicles ²	1,183.4	1,182.8	1,188.2	1,191.6	1,210.1
Crops ³	120.3	114.7	121.1	122.8	114.2
Purchased inputs	14.5	14.6	35.1	44.0	55.1
Financial	619.6	675.7	742.6	850.4	853.6
Farm debt	1,377.7	1,403.2	1,466.1	1,481.3	1,516.6
By purpose:					
Real estate	687.3	705.5	693.6	667.4	670.1
Nonreal estate ⁴	690.4	697.7	772.5	813.9	846.5
By lender:					
Farm Credit System	362.3	368.5	433.5	406.9	424.7
Farmers Home Administration	189.5	169.8	140.9	117.4	104.3
Commercial banks	466.6	496.6	518.3	572.9	586.6
Life insurance companies	44.7	46.7	44.4	35.1	31.0
Individuals and others ⁵	314.6	321.7	328.8	348.9	370.0
Equity	8,783.5	9,268.0	9,914.0	11,094.3	11,907.4
			<i>Ratio</i>		
Debt/equity	15.7	15.1	14.8	13.4	12.7
Debt/assets	13.6	13.1	12.9	11.8	11.3
Alaska					
			<i>Number</i>		
Farms	580	560	540	530	520
			<i>Million dollars</i>		
Farm assets	604.8	537.8	547.4	561.5	576.8
Real estate	270.3	256.7	244.8	234.4	238.8
Livestock and poultry ¹	5.4	5.3	5.4	5.5	6.8
Machinery and motor vehicles ²	22	21.7	21	20.7	20.6
Crops ³	0	0	0	0.6	0
Purchased inputs	0	0.2	0.4	0.6	0.7
Financial	307.1	254	275.8	299.6	309.8
Farm debt	25.7	23.5	18.0	15.8	16.1
By purpose:					
Real estate	19.5	15.6	11.3	10.1	10.1
Nonreal estate ⁴	6.1	7.9	6.7	5.6	6.0
By lender:					
Farm Credit System	6.7	2.4	2.2	1.1	0.9
Farmers Home Administration	0.6	0.6	0.5	0.5	0.5
Commercial banks	4.3	6.8	6.1	5.4	6.2
Life insurance companies	7.6	7.1	2.4	1.6	1.1
Individuals and others ⁵	6.4	6.6	6.8	7.1	7.6
Equity	579.1	514.3	529.4	545.7	560.6
			<i>Ratio</i>		
Debt/equity	4.4	4.6	3.4	2.9	2.9
Debt/assets	4.2	4.4	3.3	2.8	2.8

See footnotes at end of table.

Continued—

Table 3-4—Farm business balance sheet, Arizona and Arkansas, December 31, 1990-94—Continued

Item	1990	1991	1992	1993	1994
Arizona					
			<i>Number</i>		
Farms	7,800	7,600	7,500	7,400	7,400
			<i>Million dollars</i>		
Farm assets	11,281.6	11,975.6	12,025.4	12,200.0	12,846.9
Real estate	10,032.8	10,714.7	10,730.4	10,947.2	11,618.2
Livestock and poultry ¹	551.7	560.9	569.8	557.1	529.1
Machinery and motor vehicles ²	423.5	443.6	445.6	413.4	419.8
Crops ³	39.6	25.3	29.6	29.9	30.1
Purchased inputs	30.8	25.8	36.7	31.8	30.9
Financial	203.2	205.4	213.3	220.6	218.9
Farm debt	1,385.8	1,287.3	1,173.2	1,216.8	1,255.7
By purpose:					
Real estate	580.7	553.2	506.1	491.7	470.6
Nonreal estate ⁴	805.2	734.1	667.1	725.1	785.2
By lender:					
Farm Credit System	224.8	199.7	173.6	193.7	199.2
Farmers Home Administration	156	150.4	139.6	134.1	133.7
Commercial banks	525.9	440.4	367.8	388.7	431.9
Life insurance companies	196.3	207	195.5	185.9	157.4
Individuals and others ⁵	283	289.9	296.8	314.4	333.5
Equity	9,895.8	10,688.3	10,852.3	10,983.2	11,591.2
			<i>Ratio</i>		
Debt/equity	14	12	10.8	11.1	10.8
Debt/assets	12.3	10.7	9.8	10	9.8
Arkansas					
			<i>Number</i>		
Farms	47,000	46,000	45,000	45,000	44,000
			<i>Million dollars</i>		
Farm assets	15,562.1	15,354.3	16,157.0	16,838.6	17,318.1
Real estate	11,825.6	11,448.5	12,187.8	12,543.6	13,035.5
Livestock and poultry ¹	1,101.4	1,106.5	1,127.6	1,222.2	1,265.2
Machinery and motor vehicles ²	1,580.8	1,580.0	1,587.1	1,557.1	1,546.2
Crops ³	126.7	207.2	174.9	250.4	168.9
Purchased inputs	33.3	22.1	28.6	25.2	25.7
Financial	894.4	990.1	1,051.0	1,240.1	1,276.6
Farm debt	3,027.0	3,108.3	3,109.2	3,232.8	3,312.6
By purpose:					
Real estate	1,655.1	1,701.1	1,769.0	1,829.1	1,869.9
Nonreal estate ⁴	1,371.9	1,407.3	1,340.2	1,403.7	1,442.7
By lender:					
Farm Credit System	683.6	698.3	700.5	741.7	734.2
Farmers Home Administration	576.2	512.7	447.6	378.2	349
Commercial banks	994.5	1,099.4	1,153.5	1,314.8	1,404.9
Life insurance companies	280.5	294.3	292.5	251.6	244.8
Individuals and others ⁵	492.1	503.6	515.1	546.4	579.8
Equity	12,535.1	12,246.0	13,047.8	13,605.8	14,005.4
			<i>Ratio</i>		
Debt/equity	24.1	25.4	23.8	23.8	23.7
Debt/assets	19.5	20.2	19.2	19.2	19.1

See footnotes at end of table.

Continued—

Table 3-4—Farm business balance sheet, California and Colorado, December 31, 1990-94—Continued

Item	1990	1991	1992	1993	1994
California					
			<i>Number</i>		
Farms	85,000	83,000	82,000	79,000	79,000
			<i>Million dollars</i>		
Farm assets	68,383.0	69,603.7	71,573.4	71,306.4	70,968.5
Real estate	57,873.3	59,045.1	60,909.3	60,148.0	59,626.7
Livestock and poultry ¹	3,541.7	3,470.3	3,513.6	3,651.5	3,622.5
Machinery and motor vehicles ²	4,078.3	4,067.0	3,937.6	3,899.5	3,960.2
Crops ³	337.0	380.6	360.9	408.3	365.8
Purchased inputs	159.4	145.9	229.2	334.7	470.1
Financial	2,393.3	2,494.8	2,622.7	2,864.5	2,923.2
Farm debt	13,151.4	13,097.7	13,119.7	13,452.3	14,065.6
By purpose:					
Real estate	7,544.4	7,564.4	7,627.8	7,739.9	7,922.1
Nonreal estate ⁴	5,607.0	5,533.3	5,491.9	5,712.4	6,143.5
By lender:					
Farm Credit System	3,919.0	3,804.0	3,792.9	3,690.6	3,687.9
Farmers Home Administration	723.2	649.6	596.5	567.5	593.2
Commercial banks	3,754.6	3,822.1	3,988.4	4,035.9	4,354.2
Life insurance companies	2,473.6	2,483.2	2,345.6	2,629.3	2,755.8
Individuals and others ⁵	2,281.0	2,338.7	2,396.4	2,529.0	2,674.5
Equity	55,231.6	56,506.0	58,453.6	57,854.0	56,902.9
			<i>Ratio</i>		
Debt/equity	23.8	23.2	22.4	23.3	24.7
Debt/assets	19.2	18.8	18.3	18.9	19.8
Colorado					
			<i>Number</i>		
Farms	26,500	26,000	25,500	25,500	25,300
			<i>Million dollars</i>		
Farm assets	17,432.7	16,267.3	17,166.7	18,843.9	19,647.1
Real estate	12,944.3	11,828.9	12,583.8	13,956.5	14,915.4
Livestock and poultry ¹	2,045.1	1,942.4	2,055.4	2,082.5	1,996.1
Machinery and motor vehicles ²	1,279.5	1,282.0	1,263.1	1,266.7	1,276.3
Crops ³	391.7	398.2	359.4	491.3	371.0
Purchased inputs	122.1	64.6	74.4	77.0	99.9
Financial	650.0	751.1	830.6	970.0	988.5
Farm debt	2,872.1	2,833.8	2,787.6	2,937.0	3,055.2
By purpose:					
Real estate	1,485.7	1,513.9	1,486.9	1,522.7	1,538.6
Nonreal estate ⁴	1,386.4	1,319.9	1,300.6	1,414.3	1,516.6
By lender:					
Farm Credit System	866.6	859.9	849.7	884.5	885.7
Farmers Home Administration	175.5	157.5	143.6	133.6	124.1
Commercial banks	863.3	838.5	823.2	905.1	993.2
Life insurance companies	203.1	195.8	170.6	166.8	155.1
Individuals and others ⁵	763.7	782.1	800.6	847.1	897.1
Equity	14,560.6	13,433.5	14,379.2	15,906.9	16,591.9
			<i>Ratio</i>		
Debt/equity	19.7	21.1	19.4	18.5	18.4
Debt/assets	16.5	17.4	16.2	15.6	15.6

See footnotes at end of table.

Continued—

Table 3-4—Farm business balance sheet, Connecticut and Delaware, December 31, 1990-94—Continued

Item	1990	1991	1992	1993	1994
Connecticut					
			<i>Number</i>		
Farms	3,900	3,900	4,000	3,800	3,800
			<i>Million dollars</i>		
Farm assets	2,096.7	2,090.0	2,298.9	2,412.9	2,380.3
Real estate	1,772.8	1,758.5	1,951.4	2,073.7	2,043.0
Livestock and poultry ¹	65.0	65.8	71.8	72.4	74.4
Machinery and motor vehicles ²	140.6	143.6	148.0	141.0	143.2
Crops ³	31.5	22.7	18.5	17.0	22.0
Purchased inputs	5.2	12.6	13.9	14.9	7.5
Financial	81.5	86.8	95.4	94.0	90.2
Farm debt	215.9	200.0	196.4	187.9	197.4
By purpose:					
Real estate	95.5	87.6	84.5	83.4	84.1
Nonreal estate ⁴	120.5	112.4	111.9	104.5	113.3
By lender:					
Farm Credit System	110.8	108.8	115.4	118.2	124.5
Farmers Home Administration	21.1	19.2	17.4	15.9	15.9
Commercial banks	44.3	31.6	22.4	10.0	10.3
Life insurance companies	0.3	0.0	0.0	0.0	0.0
Individuals and others ⁵	39.4	40.3	41.3	43.8	46.6
Equity	1,880.8	1,890.1	2,102.5	2,224.9	2,182.9
			<i>Ratio</i>		
Debt/equity	11.5	10.6	9.3	8.4	9.0
Debt/assets	10.3	9.6	8.5	7.8	8.3
Delaware					
			<i>Number</i>		
Farms	2,900	2,900	2,700	2,500	2,500
			<i>Million dollars</i>		
Farm assets	1,386.7	1,299.6	1,417.0	1,518.7	1,595.4
Real estate	1,098.5	1,009.0	1,128.1	1,249.1	1,320.9
Livestock and poultry ¹	29.4	29.8	30.7	27.7	30.2
Machinery and motor vehicles ²	151.1	154.3	144.3	134.0	136.1
Crops ³	35.9	26.6	25.7	19.8	24.1
Purchased inputs	2.2	2.8	3.9	2.5	1.3
Financial	69.6	77.3	84.3	85.6	82.8
Farm debt	316.4	301.2	328.7	309.4	307.9
By purpose:					
Real estate	155.1	149.1	174.3	152.5	156.8
Nonreal estate ⁴	161.3	152.1	154.4	156.9	151.1
By lender:					
Farm Credit System	127.2	139.2	148.8	123.0	121.5
Farmers Home Administration	16.9	14.7	12.2	10.6	12.3
Commercial banks	96.4	69.8	88.7	79.8	68.9
Life insurance companies	0.1	0.1	0.0	11.8	15.8
Individuals and others ⁵	75.7	77.4	79.1	84.2	89.5
Equity	1,070.3	998.5	1,088.3	1,209.3	1,287.4
			<i>Ratio</i>		
Debt/equity	29.6	30.2	30.2	25.6	23.9
Debt/assets	22.8	23.2	23.2	20.4	19.3

See footnotes at end of table.

Continued—

Table 3-4—Farm business balance sheet, Florida and Georgia, December 31, 1990-94—Continued

Item	1990	1991	1992	1993	1994
Florida					
			<i>Number</i>		
Farms	41,000	40,000	39,000	39,000	39,000
			<i>Million dollars</i>		
Farm assets	24,757.4	24,020.2	23,740.7	25,056.6	25,424.8
Real estate	20,954.7	20,173.0	19,816.5	20,941.9	21,313.4
Livestock and poultry ¹	1,185.3	1,225.1	1,207.5	1,287.1	1,226.1
Machinery and motor vehicles ²	1,390.7	1,385.6	1,357.1	1,361.0	1,382.1
Crops ³	41.1	40.1	63.2	44.7	54.2
Purchased inputs	37.4	42.1	58.7	37.8	37.1
Financial	1,148.1	1,154.3	1,237.8	1,384.2	1,411.8
Farm debt	3,641.0	3,551.3	3,625.2	3,893.1	4,073.7
By purpose:					
Real estate	2,673.1	2,591.3	2,616.3	2,814.8	2,989.0
Nonreal estate ⁴	967.9	960.0	1,008.9	1,078.3	1,084.7
By lender:					
Farm Credit System	963.9	811.6	795.1	860.0	827.2
Farmers Home Administration	270.7	253.8	230.9	216.6	198.3
Commercial banks	970.1	1,008.3	1,050.4	1,031.6	1,107.1
Life insurance companies	851.5	878.0	934.4	1,135.9	1,253.6
Individuals and others ⁵	584.9	599.7	614.4	649.1	687.5
Equity	21,116.4	20,468.8	20,115.5	21,163.5	21,351.1
			<i>Ratio</i>		
Debt/equity	17.2	17.3	18.0	18.4	19.1
Debt/assets	14.7	14.8	15.3	15.5	16.0
Georgia					
			<i>Number</i>		
Farms	48,000	46,000	46,000	46,000	45,000
			<i>Million dollars</i>		
Farm assets	15,555.9	14,904.1	16,121.7	16,365.3	17,097.5
Real estate	11,335.3	10,584.2	11,655.1	11,704.5	12,352.8
Livestock and poultry ¹	939.7	952.2	956.6	1,007.7	986.8
Machinery and motor vehicles ²	1,519.5	1,487.2	1,493.9	1,498.1	1,488.4
Crops ³	151.6	166.8	157.8	119.5	175.2
Purchased inputs	27.5	31.4	34.0	37.9	43.1
Financial	1,582.2	1,682.4	1,824.3	1,997.6	2,051.2
Farm debt	2,751.3	2,756.5	2,777.9	2,749.3	2,853.9
By purpose:					
Real estate	1,592.7	1,594.7	1,637.2	1,600.3	1,647.5
Nonreal estate ⁴	1,158.6	1,161.8	1,140.7	1,149.0	1,206.4
By lender:					
Farm Credit System	790.6	804.5	795.8	810.2	843.1
Farmers Home Administration	544.2	449.8	357.6	294.8	260.5
Commercial banks	845.5	935.4	1,054.0	1,036.9	1,130.3
Life insurance companies	139.9	125.9	119.8	129.2	113.0
Individuals and others ⁵	431.0	440.9	450.8	478.2	507.0
Equity	12,804.5	12,147.6	13,343.7	13,616.0	14,243.6
			<i>Ratio</i>		
Debt/equity	21.5	22.7	20.8	20.2	20.0
Debt/assets	17.7	18.5	17.2	16.8	16.7

See footnotes at end of table.

Continued—

Table 3-4—Farm business balance sheet, Hawaii and Idaho, December 31, 1990-94—Continued

Item	1990	1991	1992	1993	1994
Hawaii					
			<i>Number</i>		
Farms	4,700	4,700	4,800	4,800	4,800
			<i>Million dollars</i>		
Farm assets	4,100.5	4,200.6	4,054.9	4,135.9	4,253.7
Real estate	3,640.8	3,759.7	3,609.6	3,758.9	3,871.6
Livestock and poultry ¹	106.1	94.8	93.5	88.3	86.4
Machinery and motor vehicles ²	184.8	188.7	185.4	198.4	201.4
Crops ³	0.0	0.0	0.0	0.0	0.0
Purchased inputs	0.3	2.2	6.0	8.7	10.2
Financial	168.4	155.1	160.3	81.7	84.0
Farm debt	349.7	288.2	295.1	260.0	260.7
By purpose:					
Real estate	223.4	185.1	175.1	169.0	165.8
Nonreal estate ⁴	126.3	103.2	120.0	90.9	94.9
By lender:					
Farm Credit System	155.0	91.5	88.5	76.1	76.0
Farmers Home Administration	40.5	40.3	40.5	40.6	40.0
Commercial banks	85.7	88.3	103.0	79.2	71.9
Life insurance companies	30.2	29.0	23.1	21.5	27.4
Individuals and others ⁵	38.3	39.2	40.0	42.7	45.5
Equity	3,750.8	3,912.3	3,759.8	3,876.0	3,993.0
			<i>Ratio</i>		
Debt/equity	9.3	7.4	7.8	6.7	6.5
Debt/assets	8.5	6.9	7.3	6.3	6.1
Idaho					
			<i>Number</i>		
Farms	21,800	21,400	21,000	20,500	20,500
			<i>Million dollars</i>		
Farm assets	11,415.7	11,533.9	11,675.4	12,820.8	13,200.6
Real estate	7,902.9	8,200.5	8,213.4	9,209.8	9,775.2
Livestock and poultry ¹	1,208.7	1,159.1	1,152.7	1,277.0	1,167.6
Machinery and motor vehicles ²	1,175.7	1,178.6	1,161.8	1,137.4	1,155.1
Crops ³	715.9	572.0	680.4	684.3	549.6
Purchased inputs	47.1	36.9	57.6	63.3	83.1
Financial	365.4	386.9	409.5	449.0	470.2
Farm debt	2,376.8	2,465.3	2,490.7	2,560.9	2,685.5
By purpose:					
Real estate	1,231.3	1,262.1	1,278.8	1,278.3	1,315.2
Nonreal estate ⁴	1,145.5	1,203.2	1,211.8	1,282.6	1,370.3
By lender:					
Farm Credit System	654.5	718.3	756.3	768.8	780.7
Farmers Home Administration	361.4	329.3	290.4	259.6	252.8
Commercial banks	710.2	757.4	756.3	821.3	907.9
Life insurance companies	157.6	154.5	169.2	165.7	168.7
Individuals and others ⁵	493.1	505.8	518.5	545.5	575.4
Equity	9,038.9	9,068.7	9,184.7	10,259.9	10,515.1
			<i>Ratio</i>		
Debt/equity	26.3	27.2	27.1	25.0	25.5
Debt/assets	20.8	21.4	21.3	20.0	20.3

See footnotes at end of table.

Continued—

Table 3-4—Farm business balance sheet, Illinois and Indiana, December 31, 1990-94—Continued

Item	1990	1991	1992	1993	1994
Illinois					
			<i>Number</i>		
Farms	83,000	82,000	81,000	79,000	77,000
			<i>Million dollars</i>		
Farm assets	49,286.6	51,039.6	51,482.1	55,128.8	58,707.6
Real estate	38,798.5	40,656.1	40,498.6	44,022.9	47,954.6
Livestock and poultry ¹	1,799.8	1,648.1	1,663.5	1,679.5	1,404.1
Machinery and motor vehicles ²	4,929.9	4,974.0	4,935.5	4,827.4	4,778.3
Crops ³	2,009.8	1,901.6	2,345.2	2,436.1	2,309.5
Purchased inputs	162.5	187.8	299.9	328.8	398.5
Financial	1,586.0	1,671.9	1,739.6	1,834.1	1,862.5
Farm debt	7,107.0	7,302.9	7,376.4	7,430.8	7,659.7
By purpose:					
Real estate	4,203.8	4,289.2	4,409.9	4,405.4	4,506.1
Nonreal estate ⁴	2,903.3	3,013.7	2,966.6	3,025.4	3,153.6
By lender:					
Farm Credit System	1,500.8	1,550.8	1,608.3	1,570.0	1,570.3
Farmers Home Administration	494.8	445.4	409.1	360.0	339.8
Commercial banks	3,318.0	3,513.7	3,592.5	3,694.2	3,871.4
Life insurance companies	441.4	405.9	344.3	308.1	294.1
Individuals and others ⁵	1,351.9	1,387.0	1,422.1	1,498.5	1,584.1
Equity	42,179.5	43,736.7	44,105.7	47,698.0	51,047.9
			<i>Ratio</i>		
Debt/equity	16.8	16.7	16.7	15.6	15.0
Debt/assets	14.4	14.3	14.3	13.5	13.0
Indiana					
			<i>Number</i>		
Farms	68,000	65,000	65,000	63,000	63,000
			<i>Million dollars</i>		
Farm assets	24,935.6	25,160.6	26,610.9	27,995.4	29,330.7
Real estate	18,209.6	18,658.4	19,603.3	20,852.9	22,368.3
Livestock and poultry ¹	1,175.0	1,096.1	1,083.8	1,114.8	991.8
Machinery and motor vehicles ²	2,949.7	2,879.5	2,892.5	2,811.5	2,855.2
Crops ³	1,188.6	940.4	1,304.3	1,361.6	1,167.2
Purchased inputs	88.5	90.2	131.5	137.0	159.6
Financial	1,324.2	1,495.9	1,595.6	1,717.6	1,788.6
Farm debt	4,494.3	4,569.4	4,544.8	4,509.8	4,647.5
By purpose:					
Real estate	2,837.0	2,911.7	2,963.5	2,866.3	2,994.9
Nonreal estate ⁴	1,657.2	1,657.7	1,581.3	1,643.5	1,652.7
By lender:					
Farm Credit System	1,061.3	1,091.5	1,085.6	1,037.9	1,093.2
Farmers Home Administration	409.8	362.4	317.4	275.2	249.7
Commercial banks	1,674.6	1,745.6	1,767.6	1,752.9	1,769.5
Life insurance companies	264.6	257.3	233.0	245.5	273.0
Individuals and others ⁵	1,083.9	1,112.6	1,141.2	1,198.2	1,262.1
Equity	20,441.3	20,591.2	22,066.1	23,485.6	24,683.2
			<i>Ratio</i>		
Debt/equity	22.0	22.2	20.6	19.2	18.8
Debt/assets	18.0	18.2	17.1	16.1	15.8

See footnotes at end of table.

Continued—

Table 3-4—Farm business balance sheet, Iowa and Kansas, December 31, 1990-94—Continued

Item	1990	1991	1992	1993	1994
Iowa					
			<i>Number</i>		
Farms	104,000	103,000	103,000	102,000	101,000
			<i>Million dollars</i>		
Farm assets	50,387.1	50,189.3	52,527.0	53,784.1	55,586.7
Real estate	35,591.1	35,878.2	37,568.1	39,309.9	41,005.9
Livestock and poultry ¹	4,381.7	3,800.4	4,048.8	4,006.2	3,434.8
Machinery and motor vehicles ²	5,357.0	5,365.6	5,389.8	5,405.2	5,435.5
Crops ³	2,703.8	2,689.8	2,814.7	2,166.2	2,623.5
Purchased inputs	205.6	228.6	358.3	418.6	508.0
Financial	2,147.9	2,226.8	2,347.5	2,478.0	2,579.0
Farm debt	9,647.4	9,861.6	9,978.1	10,473.0	10,816.8
By purpose:					
Real estate	5,391.0	5,472.8	5,599.3	5,833.9	6,064.6
Nonreal estate ⁴	4,256.3	4,388.7	4,378.8	4,639.1	4,752.2
By lender:					
Farm Credit System	1,570.5	1,562.7	1,527.0	1,601.4	1,662.5
Farmers Home Administration	767.4	674.2	595.7	531.9	533.2
Commercial banks	4,104.4	4,371.6	4,599.2	4,956.2	5,122.3
Life insurance companies	552.6	528.9	460.0	446.0	399.0
Individuals and others ⁵	2,652.5	2,724.2	2,796.2	2,937.5	3,099.8
Equity	40,739.7	40,327.8	42,548.9	43,311.1	44,769.9
			<i>Ratio</i>		
Debt/equity	23.7	24.5	23.5	24.2	24.2
Debt/assets	19.1	19.6	19.0	19.5	19.5
Kansas					
			<i>Number</i>		
Farms	69,000	69,000	67,000	65,000	65,000
			<i>Million dollars</i>		
Farm assets	28,401.8	28,722.5	29,339.8	30,830.9	31,919.2
Real estate	19,751.3	20,176.3	20,282.8	21,828.7	22,931.3
Livestock and poultry ¹	3,670.2	3,494.4	3,732.1	3,853.3	3,580.3
Machinery and motor vehicles ²	3,390.5	3,462.6	3,377.4	3,285.9	3,337.0
Crops ³	514.5	448.1	696.5	483.1	608.7
Purchased inputs	82.6	75.7	121.1	127.9	155.7
Financial	992.8	1,065.5	1,129.9	1,251.9	1,306.2
Farm debt	5,552.0	5,510.4	5,570.5	5,777.6	5,929.4
By purpose:					
Real estate	2,474.8	2,463.8	2,488.8	2,512.7	2,553.6
Nonreal estate ⁴	3,077.2	3,046.6	3,081.7	3,264.8	3,375.8
By lender:					
Farm Credit System	1,240.5	1,176.1	1,192.1	1,212.9	1,222.0
Farmers Home Administration	405.2	371.5	338.2	309.1	300.0
Commercial banks	2,632.3	2,688.6	2,771.8	2,915.1	3,000.2
Life insurance companies	197.4	172.6	141.6	144.5	137.9
Individuals and others ⁵	1,076.5	1,101.7	1,126.8	1,196.0	1,269.4
Equity	22,849.9	23,212.1	23,769.3	25,053.3	25,989.8
			<i>Ratio</i>		
Debt/equity	24.3	23.7	23.4	23.1	22.8
Debt/assets	19.5	19.2	19.0	18.7	18.6

See footnote at end of table.

Continued—

Table 3-4—Farm business balance sheet, Kentucky and Louisiana, December 31, 1990-94—Continued

Item	1990	1991	1992	1993	1994
Kentucky					
			<i>Number</i>		
Farms	93,000	91,000	91,000	91,000	89,000
			<i>Million dollars</i>		
Farm assets	16,767.4	17,094.5	18,042.5	18,834.6	20,037.0
Real estate	11,325.3	11,653.0	12,701.9	13,374.4	14,585.6
Livestock and poultry ¹	1,603.7	1,528.7	1,524.1	1,562.5	1,507.9
Machinery and motor vehicles ²	2,055.1	2,053.6	2,062.9	2,068.8	2,054.8
Crops ³	780.7	820.9	613.6	646.0	683.4
Purchased inputs	49.0	57.1	96.1	91.4	94.5
Financial	953.7	981.2	1,044.0	1,091.5	1,110.7
Farm debt	2,572.8	2,737.9	2,678.4	2,674.1	2,760.9
By purpose:					
Real estate	1,592.5	1,696.9	1,688.5	1,722.9	1,727.8
Nonreal estate ⁴	980.3	1,041.0	989.8	951.2	1,033.1
By lender:					
Farm Credit System	588.9	658.8	608.8	583.0	652.5
Farmers Home Administration	423.9	379.0	337.1	300.1	282.2
Commercial banks	1,008.1	1,133.6	1,161.3	1,204.1	1,258.3
Life insurance companies	115.6	119.0	112.4	102.4	54.7
Individuals and others ⁵	436.2	447.4	458.8	484.4	513.2
Equity	14,194.7	14,356.7	15,364.2	16,160.5	17,276.1
			<i>Ratio</i>		
Debt/equity	18.1	19.1	17.4	16.5	16.0
Debt/assets	15.3	16.0	14.8	14.2	13.8
Louisiana					
			<i>Number</i>		
Farms	32,000	30,000	29,000	29,000	28,000
			<i>Million dollars</i>		
Farm assets	8,751.1	8,419.1	8,453.8	8,149.0	8,661.1
Real estate	7,284.7	7,239.4	7,498.1	7,454.2	8,045.1
Livestock and poultry ¹	597.4	581.6	627.7	608.9	590.3
Machinery and motor vehicles ²	1,195.4	1,144.5	1,149.6	1,114.5	1,092.8
Crops ³	83.5	110.9	87.5	120.1	128.2
Purchased inputs	8.8	10.5	22.6	20.8	19.9
Financial	(418.6)	(667.8)	(931.7)	(1,169.5)	(1,215.2)
Farm debt	1,710.5	1,708.5	1,704.5	1,636.3	1,601.9
By purpose:					
Real estate	757.7	752.0	724.2	762.5	737.9
Nonreal estate ⁴	952.8	956.4	980.3	873.8	864.0
By lender:					
Farm Credit System	288.6	340.9	420.4	381.6	329.4
Farmers Home Administration	619.8	539.8	453.2	363.9	324.4
Commercial banks	417.7	449.6	467.3	512.0	547.7
Life insurance companies	160.4	149.0	129.2	130.5	137.2
Individuals and others ⁵	223.9	229.2	234.4	248.3	263.2
Equity	7,040.6	6,710.6	6,749.3	6,512.7	7,059.2
			<i>Ratio</i>		
Debt/equity	24.3	25.5	25.3	25.1	22.7
Debt/assets	19.5	20.3	20.2	20.1	18.5

See footnotes at end of table.

Continued—

Table 3-4—Farm business balance sheet, Maine and Maryland, December 31, 1990-94—Continued

Item	1990	1991	1992	1993	1994
Maine					
			<i>Number</i>		
Farms	7,200	7,100	7,300	7,300	7,600
			<i>Million dollars</i>		
Farm assets	1,834.9	1,795.2	1,919.4	2,005.8	2,018.7
Real estate	1,260.8	1,231.8	1,329.7	1,408.1	1,412.5
Livestock and poultry ¹	95.1	91.0	95.1	98.0	97.5
Machinery and motor vehicles ²	269.0	270.9	272.1	280.6	296.6
Crops ³	107.8	82.3	106.5	106.1	97.2
Purchased inputs	20.7	20.9	10.8	8.3	8.4
Financial	81.5	98.3	105.2	104.8	106.4
Farm debt	308.6	276.8	292.0	303.3	322.9
By purpose:					
Real estate	112.3	103.1	112.5	114.4	113.4
Nonreal estate ⁴	196.3	173.8	179.6	188.8	209.5
By lender:					
Farm Credit System	113.1	87.5	92.7	87.7	92.9
Farmers Home Administration	112.7	102.8	98.3	97.7	95.4
Commercial banks	29.7	32.2	34.8	38.6	52.3
Life insurance companies	0.0	0.0	10.6	20.3	19.4
Individuals and others ⁵	53.1	54.3	55.5	59.1	63.0
Equity	1,526.3	1,518.3	1,627.4	1,702.6	1,695.8
			<i>Ratio</i>		
Debt/equity	20.2	18.2	17.9	17.8	19.0
Debt/assets	16.8	15.4	15.2	15.1	16.0
Maryland					
			<i>Number</i>		
Farms	15,200	15,400	15,600	15,000	14,500
			<i>Million dollars</i>		
Farm assets	6,022.6	6,134.9	6,901.8	7,535.9	8,152.7
Real estate	4,620.8	4,765.2	5,475.2	6,147.0	6,773.8
Livestock and poultry ¹	281.7	266.1	277.7	271.1	260.0
Machinery and motor vehicles ²	661.6	684.6	696.6	671.7	659.4
Crops ³	161.6	109.4	102.5	85.1	93.9
Purchased inputs	13.5	14.8	25.9	22.7	27.6
Financial	283.3	294.8	324.0	338.3	337.9
Farm debt	930.4	944.1	968.0	973.7	989.1
By purpose:					
Real estate	542.4	573.9	603.2	638.1	638.7
Nonreal estate ⁴	388.0	370.2	364.8	335.5	350.4
By lender:					
Farm Credit System	496.7	514.7	531.6	509.0	507.3
Farmers Home Administration	55.7	48.4	44.5	39.7	35.6
Commercial banks	141.8	138.9	146.5	154.3	161.7
Life insurance companies	10.5	10.9	8.6	20.6	19.9
Individuals and others ⁵	225.7	231.2	236.8	250.1	264.6
Equity	5,092.2	5,190.8	5,933.8	6,562.3	7,163.6
			<i>Ratio</i>		
Debt/equity	18.3	18.2	16.3	14.8	13.8
Debt/assets	15.4	15.4	14.0	12.9	12.1

See footnotes at end of table.

Continued—

Table 3-4—Farm business balance sheet, Massachusetts and Michigan, December 31, 1990-94—Continued

Item	1990	1991	1992	1993	1994
Massachusetts					
			<i>Number</i>		
Farms	6,400	6,400	6,400	6,200	6,000
			<i>Million dollars</i>		
Farm assets	2,894.4	2,937.7	2,980.1	3,144.0	3,048.1
Real estate	2,430.6	2,452.8	2,483.8	2,662.9	2,557.7
Livestock and poultry ¹	57.4	57.9	60.3	61.4	57.5
Machinery and motor vehicles ²	215.5	220.1	221.1	199.2	195.8
Crops ³	22.6	19.4	21.3	12.7	23.9
Purchased inputs	8.9	9.7	10.3	7.9	12.4
Financial	159.4	177.9	183.4	199.9	200.7
Farm debt	297.9	294.4	298.0	289.5	287.5
By purpose:					
Real estate	114	116.6	120.9	131.7	127.4
Nonreal estate ⁴	183.9	177.8	177.2	157.8	160.1
By lender:					
Farm Credit System	123	117.8	124.9	117.8	118.1
Farmers Home Administration	35	37.3	36.2	35.9	36.1
Commercial banks	79.1	78.3	75.9	65.5	61.5
Life insurance companies	20.3	19.7	18.8	25.4	24.1
Individuals and others ⁵	40.4	41.3	42.3	44.9	47.8
Equity	2,596.5	2,643.3	2,682.1	2,854.4	2,760.6
			<i>Ratio</i>		
Debt/equity	11.5	11.1	11.1	10.1	10.4
Debt/assets	10.3	10	10	9.2	9.4
Michigan					
			<i>Number</i>		
Farms	54,000	54,000	54,000	52,000	52,000
			<i>Million dollars</i>		
Farm assets	14,727.9	14,993.1	15,416.9	15,935.6	16,612.0
Real estate	9,866.2	10,025.8	10,142.7	10,717.2	11,480.8
Livestock and poultry ¹	1,033.8	996.4	1,043.5	1,067.3	985.5
Machinery and motor vehicles ²	2,418.9	2,470.3	2,481.4	2,396.3	2,433.6
Crops ³	579.4	629.9	795.7	705.7	621.2
Purchased inputs	112.8	97.5	129.3	122.3	142.7
Financial	717	773.3	824.3	926.9	948.2
Farm debt	2,628.7	2,572.0	2,612.2	2,548.1	2,590.8
By purpose:					
Real estate	1,468.9	1,408.5	1,444.8	1,419.1	1,433.9
Nonreal estate ⁴	1,159.9	1,163.6	1,167.4	1,129.0	1,156.9
By lender:					
Farm Credit System	1,055.5	967.8	977.8	939.6	974.1
Farmers Home Administration	396.7	357.5	328.5	287	268.4
Commercial banks	558.6	611.1	627.1	609.8	609.1
Life insurance companies	35.1	38.0	66.0	67.5	60.1
Individuals and others ⁵	582.8	597.7	612.8	644.3	679
Equity	12,099.2	12,421.1	12,804.7	13,387.5	14,021.2
			<i>Ratio</i>		
Debt/equity	21.7	20.7	20.4	19	18.5
Debt/assets	17.8	17.2	16.9	16	15.6

See footnotes at end of table.

Continued—

Table 3-4—Farm business balance sheet, Minnesota and Mississippi, December 31, 1990-94—Continued

Item	1990	1991	1992	1993	1994
Minnesota					
			<i>Number</i>		
Farms	89,000	88,000	88,000	87,000	85,000
			<i>Million dollars</i>		
Farm assets	34,795.7	34,792.5	35,634.3	35,199.0	35,545.8
Real estate	23,340.6	23,219.1	23,786.7	23,609.8	23,898.4
Livestock and poultry ¹	2,344.7	2,197.7	2,345.7	2,362.2	2,178.5
Machinery and motor vehicles ²	4,835.7	4,882.9	4,905.0	4,863.1	4,825.2
Crops ³	1,949.6	1,951.6	1,817.9	1,545.1	1,667.2
Purchased inputs	210.3	231.8	342.1	359.5	390.0
Financial	2,114.8	2,309.4	2,437.0	2,459.5	2,586.4
Farm debt	6,432.5	6,617.0	6,727.9	6,926.8	7,251.8
By purpose:					
Real estate	3,468.1	3,484.0	3,519.2	3,660.6	3,787.8
Nonreal estate ⁴	2,964.4	3,133.0	3,208.7	3,266.3	3,464.1
By lender:					
Farm Credit System	1,688.5	1,684.6	1,646.7	1,706.8	1,758.5
Farmers Home Administration	621.6	534.1	473.8	424.1	426.1
Commercial banks	2,391.7	2,633.5	2,816.9	2,910.2	3,088.6
Life insurance companies	212.9	207.6	193.7	207.9	209.0
Individuals and others ⁵	1,517.8	1,557.2	1,596.8	1,677.9	1,769.7
Equity	28,363.2	28,175.5	28,906.4	28,272.2	28,293.9
			<i>Ratio</i>		
Debt/equity	22.7	23.5	23.3	24.5	25.6
Debt/assets	18.5	19.0	18.9	19.7	20.4
Mississippi					
			<i>Number</i>		
Farms	40,000	40,000	39,000	39,000	39,000
			<i>Million dollars</i>		
Farm assets	11,422.5	11,426.0	11,803.8	12,237.8	12,831.3
Real estate	8,404.7	8,256.3	8,486.3	8,707.8	9,384.5
Livestock and poultry ¹	736.5	783.8	809.3	851.8	730.9
Machinery and motor vehicles ²	1,360.8	1,320.2	1,326.1	1,364.9	1,386.2
Crops ³	121.5	180.0	207.6	221.9	193.7
Purchased inputs	19.4	21.8	31.8	33.8	35.8
Financial	779.8	864.0	942.7	1,057.6	1,100.3
Farm debt	2,453.7	2,465.1	2,416.8	2,434.4	2,444.3
By purpose:					
Real estate	1,232.3	1,247.3	1,189.6	1,202.4	1,222.9
Nonreal estate ⁴	1,221.4	1,217.8	1,227.2	1,232.0	1,221.4
By lender:					
Farm Credit System	380.1	396.9	455.5	426.9	396.8
Farmers Home Administration	808.1	726.1	619.6	543.7	510.5
Commercial banks	652.3	713.4	771.0	866.9	922.8
Life insurance companies	289.9	297.7	232.0	238.8	235.5
Individuals and others ⁵	323.3	331.0	338.7	358.1	378.8
Equity	8,968.8	8,960.9	9,387.0	9,803.3	10,387.0
			<i>Ratio</i>		
Debt/equity	27.4	27.5	25.7	24.8	23.5
Debt/assets	21.5	21.6	20.5	19.9	19.0

See footnotes at end of table.

Continued—

Table 3-4—Farm business balance sheet, Missouri and Montana, December 31, 1990-94—Continued

Item	1990	1991	1992	1993	1994
Missouri					
			<i>Number</i>		
Farms	108,000	107,000	107,000	106,000	105,000
			<i>Million dollars</i>		
Farm assets	27,495.0	27,598.9	28,951.1	30,282.1	30,851.9
Real estate	19,073.6	19,252.9	20,188.1	21,132.5	21,996.4
Livestock and poultry ¹	2,973.5	2,785.3	2,962.5	3,192.6	2,805.0
Machinery and motor vehicles ²	2,993.1	3,028.4	3,042.1	3,022.3	3,040.3
Crops ³	848.0	805.5	854.9	839.2	878.4
Purchased inputs	79.5	80.9	102.1	102.3	114.9
Financial	1,527.3	1,645.9	1,801.5	1,993.3	2,016.9
Farm debt	4,443.0	4,587.5	4,597.0	4,634.1	4,770.1
By purpose:					
Real estate	2,627.9	2,671.7	2,751.2	2,756.2	2,825.3
Nonreal estate ⁴	1,815.1	1,915.8	1,845.8	1,877.9	1,944.8
By lender:					
Farm Credit System	771.1	799.9	805.4	757.2	766.0
Farmers Home Administration	623.0	543.2	468.6	398.9	366.7
Commercial banks	1,964.6	2,161.5	2,227.1	2,327.2	2,451.3
Life insurance companies	205.8	181.6	171.9	180.1	163.6
Individuals and other ⁵	878.4	901.3	924.0	970.8	1,022.5
Equity	23,052.0	23,011.4	24,354.1	25,648.0	26,081.8
			<i>Ratio</i>		
Debt/equity	19.3	19.9	18.9	18.1	18.3
Debt/assets	16.2	16.6	15.9	15.3	15.5
Montana					
			<i>Number</i>		
Farms	24,700	24,700	24,300	23,800	22,500
			<i>Million dollars</i>		
Farm assets	16,498.3	16,621.0	17,090.4	18,750.7	19,524.8
Real estate	12,177.5	12,110.4	12,490.9	13,841.9	14,914.0
Livestock and poultry ¹	1,821.1	1,855.0	1,902.8	1,986.0	1,869.0
Machinery and motor vehicles ²	1,462.7	1,493.8	1,494.5	1,450.0	1,392.1
Crops ³	516.8	606.1	592.4	819.6	665.9
Purchased inputs	55.8	53.4	66.1	65.1	79.7
Financial	464.4	502.4	543.9	588.1	604.1
Farm debt	2,517.6	2,472.4	2,453.0	2,461.4	2,583.8
By purpose:					
Real estate	1,579.6	1,566.1	1,568.1	1,551.7	1,586.0
Nonreal estate ⁴	938.0	906.3	884.9	909.7	997.8
By lender:					
Farm Credit System	641.4	582.7	581.9	526.6	528.1
Farmers Home Administration	430.3	393.7	351.8	316.5	298.2
Commercial banks	621.7	658.2	684.1	752.8	851.8
Life insurance companies	196.2	192.0	171.5	171.2	175.2
Individuals and others ⁵	627.9	645.9	663.7	694.4	730.4
Equity	13,980.7	14,148.6	14,637.4	16,289.3	16,941.0
			<i>Ratio</i>		
Debt/equity	18.0	17.5	16.8	15.1	15.3
Debt/assets	15.3	14.9	14.4	13.1	13.2

See footnotes at end of table.

Continued—

Table 3-4—Farm business balance sheet, Nebraska and Nevada, December 31, 1990-94—Continued

Item	1990	1991	1992	1993	1994
Nebraska					
			<i>Number</i>		
Farms	57,000	56,000	56,000	55,000	55,000
			<i>Million dollars</i>		
Farm assets	33,260.5	32,753.9	33,155.1	35,389.0	36,185.3
Real estate	22,930.0	22,906.4	22,748.3	24,717.2	25,973.4
Livestock and poultry ¹	4,516.2	4,017.4	4,305.7	4,518.1	3,927.3
Machinery and motor vehicles ²	3,266.9	3,277.8	3,292.6	3,243.0	3,293.5
Crops ³	1,462.3	1,398.2	1,537.7	1,480.8	1,479.7
Purchased inputs	143.5	130.6	182.1	201.3	245.4
Financial	941.6	1,023.4	1,088.7	1,228.6	1,266.2
Farm debt	6,352.4	6,602.6	6,860.5	7,221.8	7,544.1
By purpose:					
Real estate	2,725.6	2,734.5	2,904.8	3,022.8	3,131.2
Nonreal estate ⁴	3,626.8	3,868.1	3,955.6	4,199.0	4,412.9
By lender:					
Farm Credit System	958.9	975.3	1,079.0	1,146.3	1,163.9
Farmers Home Administration	570.0	512.4	456.4	408.0	388.1
Commercial banks	3,076.4	3,392.3	3,575.3	3,846.2	4,089.1
Life insurance companies	355.0	296.9	290.8	275.0	262.8
Individuals and others ⁵	1,392.2	1,425.5	1,458.9	1,546.3	1,640.2
Equity	26,908.1	26,151.3	26,294.6	28,167.2	28,641.3
			<i>Ratio</i>		
Debt/equity	23.6	25.2	26.1	25.6	26.3
Debt/assets	19.1	20.2	20.7	20.4	20.8
Nevada					
			<i>Number</i>		
Farms	2,500	2,500	2,500	2,400	2,400
			<i>Million dollars</i>		
Farm assets	2,486.1	2,622.0	2,520.6	2,607.1	2,704.1
Real estate	1,874.1	2,033.2	1,949.5	2,016.6	2,128.0
Livestock and poultry ¹	348.9	326.2	309.5	310.8	296.8
Machinery and motor vehicles ²	127.9	130.6	131.2	126.3	128.3
Crops ³	56.5	46.1	35.5	54.5	48.8
Purchased inputs	8.0	7.4	9.1	5.0	5.4
Financial	70.7	78.5	85.8	94.0	96.8
Farm debt	254.3	239.2	231.5	231.3	239.2
By purpose:					
Real estate	177.8	163.0	159.7	152.4	155.7
Nonreal estate ⁴	76.5	76.3	71.8	78.9	83.5
By lender:					
Farm Credit System	102.9	98.2	94.2	96.2	101.2
Farmers Home Administration	26.5	24.7	23.7	23.3	21.7
Commercial banks	20.8	17.3	15.6	14.4	23.3
Life insurance companies	37.0	30.1	27.3	23.4	15.1
Individuals and others ⁵	67.1	68.9	70.7	74.0	77.8
Equity	2,231.8	2,382.7	2,289.2	2,375.8	2,464.9
			<i>Ratio</i>		
Debt/equity	11.4	10.0	10.1	9.7	9.7
Debt/assets	10.2	9.1	9.2	8.9	8.8

See footnotes at end of table.

Continued—

Table 3-4—Farm business balance sheet, New Hampshire and New Jersey, December 31, 1990-94—Continued

Item	1990	1991	1992	1993	1994
New Hampshire					
			<i>Number</i>		
Farms	2,700	2,700	2,700	2,500	2,400
			<i>Million dollars</i>		
Farm assets	1,032.8	968.3	982.5	1,048.1	1,059.7
Real estate	858.1	805.3	809.1	881.8	891.5
Livestock and poultry ¹	36.7	36.4	41.5	42.1	40.0
Machinery and motor vehicles ²	95.8	97.9	98.3	85.0	82.9
Crops ³	11.6	11.2	13.3	12.3	14.3
Purchased inputs	3.0	2.6	2.5	7.6	13.2
Financial	27.6	15.0	17.7	19.3	17.9
Farm debt	70.9	67.4	68.2	72.8	74.4
By purpose:					
Real estate	33.5	32.6	32.3	39.6	39.6
Nonreal estate ⁴	37.4	34.8	35.8	33.2	34.8
By lender:					
Farm Credit System	36.7	33.7	35.7	36.3	37.0
Farmers Home Administration	12.2	12.5	12.5	11.9	11.9
Commercial banks	3.9	3.1	1.5	5.0	4.7
Life insurance companies	0.5	0.0	0.0	0.0	0.0
Individuals and others ⁵	17.6	18.0	18.5	19.6	20.8
Equity	961.9	900.9	914.3	975.3	985.2
			<i>Ratio</i>		
Debt/equity	7.4	7.5	7.5	7.5	7.6
Debt/assets	6.9	7.0	6.9	6.9	7.0
New Jersey					
			<i>Number</i>		
Farms	8,100	8,500	9,000	8,900	8,900
			<i>Million dollars</i>		
Farm assets	5,543.4	5,883.1	6,034.0	6,287.5	6,638.3
Real estate	4,952.2	5,240.1	5,355.3	5,593.8	5,933.9
Livestock and poultry ¹	63.8	66.8	68.6	63.8	61.5
Machinery and motor vehicles ²	298.2	312.1	321.0	337.1	342.3
Crops ³	28.6	21.9	22.1	24.6	36.3
Purchased inputs	10.5	10.0	14.1	13.4	13.9
Financial	190.1	232.4	252.8	254.9	250.2
Farm debt	411.6	435.0	455.4	450.5	413.8
By purpose:					
Real estate	253.0	238.9	254.5	251.2	256.4
Nonreal estate ⁴	158.6	196.2	201.0	199.3	157.4
By lender:					
Farm Credit System	216.1	206.3	219.0	198.7	190.8
Farmers Home Administration	51.1	55.9	57.0	57.1	55.6
Commercial banks	40.9	66.8	70.7	80.4	41.5
Life insurance companies	0.5	0.3	0.2	0.1	5.5
Individuals and others ⁵	103.0	105.8	108.5	114.1	120.4
Equity	5,131.8	5,448.1	5,578.6	5,836.9	6,224.4
			<i>Ratio</i>		
Debt/equity	8.0	8.0	8.2	7.7	6.6
Debt/assets	7.4	7.4	7.5	7.2	6.2

See footnotes at end of table.

Continued—

Table 3-4—Farm business balance sheet, New Mexico and New York, December 31, 1990-94—Continued

Item	1990	1991	1992	1993	1994
New Mexico					
			<i>Number</i>		
Farms	13,500	13,500	13,500	13,500	13,500
			<i>Million dollars</i>		
Farm assets	10,520.6	10,664.5	9,941.3	10,588.1	11,244.3
Real estate	8,805.9	8,861.8	8,100.1	8,640.2	9,231.5
Livestock and poultry ¹	857.5	908.2	921.9	964.3	1,000.6
Machinery and motor vehicles ²	435.5	444.7	446.7	448.0	455.0
Crops ³	64.3	77.2	64.8	76.3	74.3
Purchased inputs	25.7	16.5	21.0	36.1	47.6
Financial	331.8	356.0	386.8	423.2	435.4
Farm debt	1,088.4	1,064.3	1,048.2	1,111.3	1,131.1
By purpose:					
Real estate	625.4	577.5	564.1	588.6	595.9
Nonreal estate ⁴	463.0	486.8	484.1	522.8	535.2
By lender:					
Farm Credit System	340.9	303.5	309.5	347.3	346.6
Farmers Home Administration	110.8	106.9	97.2	88.6	79.8
Commercial banks	308.4	327.9	309.6	327.8	336.4
Life insurance companies	68.9	60.2	59.7	59.8	63.3
Individuals and others ⁵	259.3	265.8	272.3	287.9	305.0
Equity	9,432.2	9,600.2	8,893.1	9,476.8	10,113.2
			<i>Ratio</i>		
Debt/equity	11.5	11.1	11.8	11.7	11.2
Debt/assets	10.3	10.0	10.5	10.5	10.1
New York					
			<i>Number</i>		
Farms	38,500	38,000	38,000	37,500	36,000
			<i>Million dollars</i>		
Farm assets	12,144.6	12,225.7	12,933.2	13,551.0	13,063.8
Real estate	7,768.3	7,968.1	8,535.9	9,189.6	8,786.1
Livestock and poultry ¹	1,258.4	1,262.8	1,302.6	1,294.0	1,224.8
Machinery and motor vehicles ²	1,842.1	1,856.8	1,865.2	1,845.9	1,799.7
Crops ³	539.9	420.2	439.0	380.1	426.2
Purchased inputs	69.1	60.6	88.7	97.8	116.9
Financial	666.7	657.2	701.8	743.6	710.1
Farm debt	2,169.1	2,010.2	2,093.8	2,094.8	2,142.0
By purpose:					
Real estate	900.8	850.2	877.6	869.3	872.7
Nonreal estate ⁴	1,268.3	1,160.0	1,216.1	1,225.5	1,269.4
By lender:					
Farm Credit System	820.3	739.4	783.9	792.4	809.2
Farmers Home Administration	375.4	352.6	331.1	321.6	320.0
Commercial banks	532.7	469.6	520.1	497.9	503.1
Life insurance companies	8.9	6.2	5.6	4.6	3.9
Individuals and others ⁵	431.8	442.4	453.1	478.3	505.8
Equity	9,975.5	10,215.5	10,839.4	11,456.2	10,921.7
			<i>Ratio</i>		
Debt/equity	21.7	19.7	19.3	18.3	19.6
Debt/assets	17.9	16.4	16.2	15.5	16.4

See footnotes at end of table.

Continued—

**Table 3-4—Farm business balance sheet, North Carolina and North Dakota, December 31, 1990-94—
Continued**

Item	1990	1991	1992	1993	1994
North Carolina					
			<i>Number</i>		
Farms	62,000	60,000	60,000	59,000	58,000
			<i>Million dollars</i>		
Farm assets	15,125.8	15,647.0	16,722.1	16,952.3	18,030.4
Real estate	11,198.9	11,642.5	12,448.5	12,581.1	13,499.7
Livestock and poultry ¹	816.8	830.5	915.5	996.7	1,034.6
Machinery and motor vehicles ²	1,837.4	1,815.9	1,824.1	1,798.8	1,795.8
Crops ³	232.1	251.1	318.7	248.5	343.7
Purchased inputs	27.5	26.2	41.0	38.6	43.6
Financial	1,013.0	1,080.8	1,174.3	1,288.6	1,313.0
Farm debt	2,577.3	2,703.5	2,625.1	2,661.1	2,907.2
By purpose:					
Real estate	1,444.7	1,527.1	1,388.8	1,369.3	1,419.9
Nonreal estate ⁴	1,132.6	1,176.4	1,236.3	1,291.8	1,487.3
By lender:					
Farm Credit System	1,032.9	1,080.8	1,075.8	1,028.8	1,090.4
Farmers Home Administration	389.3	335.0	281.6	243.2	217.7
Commercial banks	566.9	686.1	663.4	744.2	933.4
Life insurance companies	83.2	85.2	76.4	82.9	67.6
Individuals and others ⁵	505.0	516.4	527.9	562.1	598.2
Equity	12,548.5	12,943.5	14,097.0	14,291.1	15,123.2
			<i>Ratio</i>		
Debt/equity	20.5	20.9	18.6	18.6	19.2
Debt/assets	17.0	17.3	15.7	15.7	16.1
North Dakota					
			<i>Number</i>		
Farms	33,500	33,000	33,000	32,500	32,000
			<i>Million dollars</i>		
Farm assets	19,093.5	18,587.2	19,607.6	20,540.2	21,177.0
Real estate	12,863.7	12,133.8	12,775.1	13,383.5	13,992.0
Livestock and poultry ¹	1,287.9	1,276.4	1,357.0	1,453.0	1,320.2
Machinery and motor vehicles ²	2,568.6	2,546.1	2,557.5	2,526.0	2,525.8
Crops ³	887.8	1,033.8	1,206.8	1,217.2	1,259.2
Purchased inputs	92.2	95.5	121.6	147.0	183.7
Financial	1,393.2	1,501.6	1,589.6	1,813.5	1,896.2
Farm debt	3,350.9	3,331.8	3,265.0	3,339.6	3,568.8
By purpose:					
Real estate	1,697.5	1,665.9	1,616.3	1,623.2	1,643.4
Nonreal estate ⁴	1,653.5	1,665.8	1,648.7	1,716.5	1,925.4
By lender:					
Farm Credit System	1,055.6	1,046.6	1,007.5	1,026.5	1,059.0
Farmers Home Administration	758.5	684.1	605.2	529.3	493.2
Commercial banks	1,024.4	1,078.4	1,120.7	1,224.3	1,430.8
Life insurance companies	35.3	33.2	29.5	30.4	26.0
Individuals and others ⁵	477.1	489.5	501.9	529.2	559.8
Equity	15,742.5	15,255.4	16,342.6	17,200.6	17,608.2
			<i>Ratio</i>		
Debt/equity	21.3	21.8	20.0	19.4	20.3
Debt/assets	17.6	17.9	16.7	16.3	16.9

See footnotes at end of table.

Continued—

Table 3-4—Farm business balance sheet, Ohio and Oklahoma, December 31, 1990-94—Continued

Item	1990	1991	1992	1993	1994
Ohio					
			<i>Number</i>		
Farms	83,000	80,000	78,000	76,000	75,000
			<i>Million dollars</i>		
Farm assets	24,825.9	25,170.0	25,921.9	27,237.8	29,369.8
Real estate	17,815.2	18,395.8	18,892.6	20,341.3	22,464.7
Livestock and poultry ¹	1,305.8	1,218.9	1,218.3	1,262.9	1,150.4
Machinery and motor vehicles ²	3,273.5	3,183.8	3,118.2	3,046.9	3,053.6
Crops ³	941.5	806.1	978.6	849.8	895.3
Purchased inputs	76.9	79.1	139.8	145.7	173.3
Financial	1 413.0	1,486.3	1,574.4	1,591.0	1,632.4
Farm debt	3,171.8	3,170.9	3,162.0	3,095.4	3,316.2
By purpose:					
Real estate	1,875.5	1,896.6	1,943.2	1,797.6	1,994.3
Nonreal estate ⁴	1,296.2	1,274.3	1,218.8	1,297.8	1,322.0
By lender:					
Farm Credit System	914.0	923.3	944.5	874.7	1,039.4
Farmers Home Administration	339.9	296.1	253.7	217.1	190.6
Commercial banks	1,094.1	1,123.8	1,120.5	1,130.5	1,190.4
Life insurance companies	127.5	114.1	112.1	103.1	83.5
Individuals and others ⁵	696.2	713.6	731.1	770.1	812.3
Equity	21,654.2	21,999.1	22,759.9	24,142.4	26,053.5
			<i>Ratio</i>		
Debt/equity	14.6	14.4	13.9	12.8	12.7
Debt/assets	12.8	12.6	12.2	11.4	11.3
Oklahoma					
			<i>Number</i>		
Farms	70,000	70,000	71,000	70,500	70,000
			<i>Million dollars</i>		
Farm assets	20,062.0	20,669.2	21,252.0	21,802.2	22,483.8
Real estate	13,725.5	14,264.2	14,653.9	15,045.4	15,586.5
Livestock and poultry ¹	3,094.3	3,062.8	3,062.8	3,063.9	3,191.1
Machinery and motor vehicles ²	2,010.5	2,053.2	2,091.9	2,083.1	2,100.5
Crops ³	238.6	241.7	285.0	321.3	292.4
Purchased inputs	37.5	38.4	63.2	72.2	75.3
Financial	955.7	1,009.0	1,095.2	1,216.2	1,238.0
Farm debt	3,745.5	3,693.3	3,610.4	3,717.3	3,890.3
By purpose:					
Real estate	1,705.8	1,678.1	1,622.7	1,584.5	1,633.7
Nonreal estate ⁴	2,039.8	2,015.3	1,987.7	2,132.8	2,256.6
By lender:					
Farm Credit System	754.1	722.5	700.6	656.1	665.4
Farmers Home Administration	693.6	621.4	551.9	489.3	459.8
Commercial banks	1,536.5	1,577.4	1,634.8	1,818.1	1,972.6
Life insurance companies	158.2	153.7	89.5	85.9	87.4
Individuals and others ⁵	603.2	618.4	633.5	667.8	705.1
Equity	16,316.5	16,975.8	17,641.6	18,084.9	18,593.6
			<i>Ratio</i>		
Debt/equity	23.0	21.8	20.5	20.6	20.9
Debt/assets	18.7	17.9	17.0	17.0	17.3

See footnotes at end of table.

Continued—

Table 3-4—Farm business balance sheet, Oregon and Pennsylvania, December 31, 1990-94—Continued

Item	1990	1991	1992	1993	1994
Oregon					
			<i>Number</i>		
Farms	36,500	37,000	37,500	37,500	38,000
			<i>Million dollars</i>		
Farm assets	12,111.7	12,223.1	13,206.4	14,381.8	15,445.3
Real estate	8,812.3	8,944.7	9,751.9	10,780.4	11,850.2
Livestock and poultry ¹	985.7	876.6	938.7	1,010.3	957.7
Machinery and motor vehicles ²	1,351.3	1,399.0	1,424.3	1,428.3	1,469.9
Crops ³	242.6	232.1	240.6	286.6	268.6
Purchased inputs	57.6	63.1	87.9	65.4	64.2
Financial	662.2	707.7	763.1	810.8	834.7
Farm debt	2,385.3	2,490.2	2,330.5	2,172.4	2,186.8
By purpose:					
Real estate	1,612.6	1,624.9	1,562.4	1,329.2	1,367.5
Nonreal estate ⁴	772.6	865.3	768.1	843.1	819.3
By lender:					
Farm Credit System	628.3	632.8	632.9	605.1	560.0
Farmers Home Administration	195.2	180.7	166.2	149.1	143.2
Commercial banks	484.7	545.1	470.0	568.0	537.5
Life insurance companies	440.6	477.7	389.9	149.3	212.0
Individuals and others ⁵	636.5	653.9	671.5	700.8	734.0
Equity	9,726.4	9,732.9	10,875.9	12,209.5	13,258.5
			<i>Ratio</i>		
Debt/equity	24.5	25.6	21.4	17.8	16.5
Debt/assets	19.7	20.4	17.6	15.1	14.2
Pennsylvania					
			<i>Number</i>		
Farms	53,000	53,000	52,000	51,000	51,000
			<i>Million dollars</i>		
Farm assets	18,528.2	19,220.2	19,080.3	19,956.2	20,037.8
Real estate	13,328.6	14,061.3	13,750.1	14,647.3	14,786.1
Livestock and poultry ¹	1,527.2	1,556.7	1,580.9	1,579.8	1,499.6
Machinery and motor vehicles ²	2,151.3	2,197.0	2,165.2	2,129.7	2,162.8
Crops ³	691.2	537.5	638.0	609.3	581.6
Purchased inputs	80.2	80.1	117.0	115.2	132.5
Financial	749.7	787.7	829.0	874.9	875.2
Farm debt	2,254.7	2,368.3	2,391.7	2,428.3	2,487.1
By purpose:					
Real estate	1,257.4	1,321.0	1,369.2	1,416.3	1,435.1
Nonreal estate ⁴	997.3	1,047.4	1,022.5	1,012.0	1,052.0
By lender:					
Farm Credit System	817.1	897.8	886.9	870.7	865.3
Farmers Home Administration	239.4	229.2	223.6	213.0	206.1
Commercial banks	686.7	716.2	747.8	781.8	821.8
Life insurance companies	11.4	12.9	9.3	8.0	6.4
Individuals and others ⁵	500.2	512.1	524.1	554.8	587.5
Equity	16,273.5	16,851.9	16,688.6	17,527.9	17,550.7
			<i>Ratio</i>		
Debt/equity	13.9	14.1	14.3	13.9	14.2
Debt/assets	12.2	12.3	12.5	12.2	12.4

See footnotes at end of table.

Continued—

**Table 3-4—Farm business balance sheet, Rhode Island and South Carolina, December 31, 1990-94—
Continued**

Item	1990	1991	1992	1993	1994
Rhode Island					
			<i>Number</i>		
Farms	740	700	700	700	700
			<i>Million dollars</i>		
Farm assets	351.0	336.8	373.5	403.2	411.5
Real estate	305.1	291.7	326.9	356.3	360.3
Livestock and poultry ¹	5.8	5.9	5.7	6.0	6.2
Machinery and motor vehicles ²	25.9	25.0	25.1	25.2	25.6
Crops ³	1.5	1.3	1.4	1.1	1.8
Purchased inputs	0.3	0.6	0.9	0.8	0.5
Financial	12.4	12.3	13.4	13.7	17.2
Farm debt	34.3	35.5	37.6	38.3	38.5
By purpose:					
Real estate	14.3	13.7	14.7	18.0	18.3
Nonreal estate ⁴	19.9	21.8	22.9	20.3	20.2
By lender:					
Farm Credit System	22.3	25.1	26.6	27.0	26.9
Farmers Home Administration	4.8	4.4	4.5	4.6	4.7
Commercial banks	2.6	1.3	1.7	1.6	1.6
Life insurance companies	0.0	0.0	0.0	0.0	0.0
Individuals and others ⁵	4.5	4.7	4.8	5.1	5.4
Equity	316.8	301.3	335.9	364.9	373.0
			<i>Ratio</i>		
Debt/equity	10.8	11.8	11.2	10.5	10.3
Debt/assets	9.8	10.5	10.1	9.5	9.4
South Carolina					
			<i>Number</i>		
Farms	25,000	24,500	24,500	24,000	23,000
			<i>Million dollars</i>		
Farm assets	6,778.2	7,018.0	6,950.8	7,084.2	7,440.6
Real estate	4,942.7	5,109.3	4,979.9	5,138.4	5,526.0
Livestock and poultry ¹	354.8	358.4	388.6	397.4	308.0
Machinery and motor vehicles ²	761.6	762.2	765.6	752.2	732.0
Crops ³	58.2	73.8	73.6	30.8	83.7
Purchased inputs	42.2	39.5	28.5	17.3	20.3
Financial	618.8	674.9	714.6	748.2	770.6
Farm debt	936.8	906.7	875.2	831.7	844.6
By purpose:					
Real estate	534.9	521.0	494.3	430.2	433.1
Nonreal estate ⁴	401.9	385.7	380.8	401.5	411.5
By lender:					
Farm Credit System	396.5	391.1	386.6	355.7	364.5
Farmers Home Administration	232.9	204.1	182.3	165.6	162.4
Commercial banks	146.2	147.5	141.9	139.9	139.1
Life insurance companies	15.5	15.0	11.9	9.0	7.3
Individuals and others ⁵	145.7	149.1	152.4	161.6	171.2
Equity	5,841.5	6,111.3	6,075.6	6,252.5	6,596.0
			<i>Ratio</i>		
Debt/equity	16.0	14.8	14.4	13.3	12.8
Debt/assets	13.8	12.9	12.6	11.7	11.4

See footnotes at end of table.

Continued—

Table 3-4—Farm business balance sheet, South Dakota and Tennessee, December 31, 1990-94—Continued

Item	1990	1991	1992	1993	1994
South Dakota					
			<i>Number</i>		
Farms	35,000	35,000	35,000	34,500	34,000
			<i>Million dollars</i>		
Farm assets	18,223.7	17,846.9	17,913.1	18,471.5	18,695.9
Real estate	12,006.1	11,699.1	11,150.9	11,580.2	12,028.2
Livestock and poultry ¹	2,659.3	2,503.6	2,830.9	2,869.1	2,635.5
Machinery and motor vehicles ²	1,876.6	1,916.4	1,925.1	1,903.0	1,904.6
Crops ³	908.7	895.6	1,090.3	1,130.9	1,057.8
Purchased inputs	89.3	67.2	112.2	128.6	163.8
Financial	683.6	765	803.7	859.8	906.1
Farm debt	3,255.6	3,417.1	3,427.8	3,552.3	3,725.3
By purpose:					
Real estate	1,408.3	1,441.7	1,424.4	1,464.4	1,511.5
Nonreal estate ⁴	1,847.3	1,975.4	2,003.4	2,087.9	2,213.7
By lender:					
Farm Credit System	646.8	692.4	657.2	671.2	714.5
Farmers Home Administration	758.9	688	618.7	561	530.3
Commercial banks	1,235.8	1,414.6	1,512.7	1,643.5	1,765.6
Life insurance companies	49.2	42.7	45.3	51	53.8
Individuals and others ⁵	564.9	579.4	593.9	625.6	661
Equity	14,968.1	14,429.8	14,485.3	14,919.2	14,970.7
			<i>Ratio</i>		
Debt/equity	21.8	23.7	23.7	23.8	24.9
Debt/assets	17.9	19.1	19.1	19.2	19.9
Tennessee					
			<i>Number</i>		
Farms	87,000	85,000	85,000	84,000	83,000
			<i>Million dollars</i>		
Farm assets	15,527.2	15,960.6	16,018.4	17,070.9	17,152.8
Real estate	10,771.3	11,204.1	11,103.3	12,097.3	12,115.6
Livestock and poultry ¹	1,319.4	1,265.6	1,297.5	1,383.5	1,398.4
Machinery and motor vehicles ²	1,969.3	1,965.9	1,997.5	1,912.2	1,918.8
Crops ³	350	338.2	304.5	269.4	288.8
Purchased inputs	34	32.3	42.5	43.2	52.8
Financial	1,083.3	1,154.5	1,273.0	1,365.4	1,378.3
Farm debt	2,002.4	1,990.0	1,977.2	2,168.5	1,993.0
By purpose:					
Real estate	1,065.3	1,038.5	1,056.8	1,320.6	1,108.3
Nonreal estate ⁴	937.1	951.5	920.4	848	884.7
By lender:					
Farm Credit System	565	554.2	629	785.8	590.1
Farmers Home Administration	460.2	389.3	316.2	272	249.2
Commercial banks	597	650	648.8	704.3	723.8
Life insurance companies	37.6	45.8	24.2	25.7	25.4
Individuals and others ⁵	342.7	350.7	359	380.8	404.5
Equity	13,524.8	13,970.6	14,041.2	14,902.4	15,159.8
			<i>Ratio</i>		
Debt/equity	14.8	14.2	14.1	14.6	13.1
Debt/assets	12.9	12.5	12.3	12.7	11.6

See footnotes at end of table.

Continued—

Table 3-4—Farm business balance sheet, Texas and Utah, December 31, 1990-94—Continued

Item	1990	1991	1992	1993	1994
Texas					
			<i>Number</i>		
Farms	196,000	197,000	198,000	200,000	200,000
			<i>Million dollars</i>		
Farm assets	76,670.4	75,019.5	77,226.8	79,750.5	82,071.1
Real estate	58,970.4	57,239.3	58,503.4	60,070.7	62,381.6
Livestock and poultry ¹	8,569.9	8,342.7	8,982.7	8,986.4	8,703.0
Machinery and motor vehicles ²	5,502.8	5,589.5	5,553.9	6,087.2	6,181.9
Crops ³	564.6	600.9	623.6	547.3	631.9
Purchased inputs	133.6	111.3	157.3	147.2	168.0
Financial	2,929.2	3,135.8	3,405.8	3,911.7	4,004.6
Farm debt	9,512.8	9,680.3	9,349.5	9,627.5	9,872.2
By purpose:					
Real estate	4,637.3	4,620.9	4,538.2	4,491.0	4,507.9
Nonreal estate ⁴	4,875.5	5,059.4	4,811.3	5,136.5	5,364.4
By lender:					
Farm Credit System	2,605.3	2,641.0	2,550.3	2,461.7	2,420.9
Farmers Home Administration	1,118.5	1,053.6	967.4	889.7	875.9
Commercial banks	3,316.0	3,471.3	3,382.8	3,732.3	3,917.3
Life insurance companies	548.2	542.1	428.7	409.5	399.6
Individuals and others ⁵	1,924.8	1,972.2	2,020.3	2,134.4	2,258.5
Equity	67,157.7	65,339.2	67,877.3	70,123.0	72,198.9
			<i>Ratio</i>		
Debt/equity	14.2	14.8	13.8	13.7	13.7
Debt/assets	12.4	12.9	12.1	12.1	12.0
Utah					
			<i>Number</i>		
Farms	13,200	13,300	13,200	13,000	13,000
			<i>Million dollars</i>		
Farm assets	5,425.2	5,621.8	6,081.3	6,406.4	6,954.5
Real estate	4,160.1	4,433.6	4,841.2	5,172.8	5,725.4
Livestock and poultry ¹	582.7	566.3	637.9	626.9	626.4
Machinery and motor vehicles ²	459.1	472.5	471.0	465.2	472.4
Crops ³	114.6	95.2	90.3	116.2	115.9
Purchased inputs	15.5	21.9	28.9	27.9	23.4
Financial	93.1	32.4	12.0	(2.7)	(9.0)
Farm debt	661.9	660.8	652.2	652.3	674.6
By purpose:					
Real estate	372.7	355.8	352.9	338.3	337.4
Nonreal estate ⁴	289.2	305.0	299.4	314.0	337.2
By lender:					
Farm Credit System	203.6	183.7	165.7	163.1	155.6
Farmers Home Administration	91.3	87.4	86.1	83.5	82.0
Commercial banks	170.7	190.6	196.6	192.6	210.6
Life insurance companies	10.9	8.9	8.7	8.4	11.0
Individuals and others ⁵	185.4	190.3	195.3	204.7	215.4
Equity	4,763.3	4,961.0	5,429.1	5,754.0	6,280.0
			<i>Ratio</i>		
Debt/equity	13.9	13.3	12.0	11.3	10.7
Debt/assets	12.2	11.8	10.7	10.2	9.7

See footnotes at end of table.

Continued—

Table 3-4—Farm business balance sheet, Vermont and Virginia, December 31, 1990-94—Continued

Item	1990	1991	1992	1993	1994
Vermont					
			<i>Number</i>		
Farms	6,500	6,400	6,400	6,400	6,200
			<i>Million dollars</i>		
Farm assets	2,333.7	2,291.8	2,396.9	2,478.1	2,457.5
Real estate	1,619.9	1,587.6	1,650.8	1,761.9	1,743.0
Livestock and poultry ¹	233.2	234.2	256.9	258.4	262.0
Machinery and motor vehicles ²	314.5	316.6	318.0	295.8	291.0
Crops ³	60.1	45.7	59.1	51.2	55.6
Purchased inputs	7.5	11.1	15.7	17.0	14.3
Financial	98.5	96.7	96.4	93.9	91.6
Farm debt	349.3	344.1	321.0	336.4	342.3
By purpose:					
Real estate	181.8	178.8	164.9	179.9	184.8
Nonreal estate ⁴	167.5	165.3	156.0	156.6	157.6
By lender:					
Farm Credit System	138.0	137.3	145.6	144.8	149.3
Farmers Home Administration	61.8	58.1	56.9	53.7	54.1
Commercial banks	84.0	81.5	49.7	65.0	61.5
Life insurance companies	0.0	0.0	0.0	0.0	0.0
Individuals and others ⁵	65.6	67.2	68.8	72.9	77.5
Equity	1,984.3	1,947.7	2,076.0	2,141.7	2,115.1
			<i>Ratio</i>		
Debt/equity	17.6	17.7	15.5	15.7	16.2
Debt/assets	15.0	15.0	13.4	13.6	13.9
Virginia					
			<i>Number</i>		
Farms	46,000	45,000	45,000	45,000	46,000
			<i>Million dollars</i>		
Farm assets	14,689.1	15,671.3	15,491.3	15,990.8	16,679.4
Real estate	11,184.6	12,168.9	11,971.3	12,353.7	12,923.3
Livestock and poultry ¹	1,084.7	1,071.1	1,027.5	1,067.2	1,021.9
Machinery and motor vehicles ²	1,356.3	1,355.0	1,330.9	1,365.0	1,417.1
Crops ³	296.6	226.0	263.7	200.5	292.0
Purchased inputs	21.6	21.7	35.7	38.9	46.9
Financial	745.2	828.6	862.3	965.5	978.3
Farm debt	1,914.4	1,924.6	1,912.0	1,900.3	1,907.9
By purpose:					
Real estate	1,171.2	1,198.9	1,226.5	1,162.7	1,144.3
Nonreal estate ⁴	743.2	725.8	685.5	737.6	763.7
By lender:					
Farm Credit System	908.5	940.9	991.2	980.8	959.6
Farmers Home Administration	213.5	191.3	170.5	149.5	136.6
Commercial banks	401.8	383.1	384.0	384.3	409.5
Life insurance companies	87.6	99.1	48.8	49.1	44.8
Individuals and others ⁵	302.8	310.1	317.5	336.6	357.4
Equity	12,774.7	13,746.7	13,579.3	14,090.5	14,771.5
			<i>Ratio</i>		
Debt/equity	15.0	14.0	14.1	13.5	12.9
Debt/assets	13.0	12.3	12.3	11.9	11.4

See footnotes at end of table.

Continued—

Table 3-4—Farm business balance sheet, Washington and West Virginia, December 31, 1990-94—Continued

Item	1990	1991	1992	1993	1994
Washington					
			<i>Number</i>		
Farms	37,000	37,000	37,000	36,000	36,000
			<i>Million dollars</i>		
Farm assets	15,512.3	16,197.5	16,455.8	16,387.9	17,912.3
Real estate	11,760.1	12,358.7	12,568.1	12,428.7	14,041.7
Livestock and poultry ¹	1,009.5	1,042.5	1,045.2	1,093.5	985.4
Machinery and motor vehicles ²	1,655.6	1,690.8	1,698.4	1,657.2	1,683.0
Crops ³	357.4	354.4	340.3	376.0	331.8
Purchased inputs	48.6	50.4	61.5	65.1	79.9
Financial	681.1	700.8	742.4	767.3	790.5
Farm debt	2,899.4	2,869.1	2,810.6	2,898.7	3,017.5
By purpose:					
Real estate	1,487.8	1,443.6	1,482.5	1,559.4	1,544.0
Nonreal estate ⁴	1,411.6	1,425.5	1,328.1	1,339.3	1,473.6
By lender:					
Farm Credit System	542.8	512.6	549.2	565.0	578.8
Farmers Home Administration	251.6	224.9	198.7	177.2	168.3
Commercial banks	1,209.9	1,228.6	1,133.4	1,160.1	1,272.7
Life insurance companies	320.4	313.5	324.9	360.5	327.0
Individuals and others ⁵	574.7	589.5	604.4	635.9	670.8
Equity	12,612.8	13,328.4	13,645.2	13,489.2	14,894.8
			<i>Ratio</i>		
Debt/equity	23.0	21.5	20.6	21.5	20.3
Debt/assets	18.7	17.7	17.1	17.7	16.8
West Virginia					
			<i>Number</i>		
Farms	20,500	20,000	20,000	20,000	20,000
			<i>Million dollars</i>		
Farm assets	2,837.2	2,961.5	3,387.4	3,404.7	3,435.6
Real estate	1,986.7	2,101.2	2,515.5	2,527.7	2,581.0
Livestock and poultry ¹	292.3	328.2	305.4	300.9	261.3
Machinery and motor vehicles ²	349.3	348.1	349.6	350.6	356.1
Crops ³	89.5	56.4	72.7	74.8	85.9
Purchased inputs	8.6	9.8	9.4	6.1	5.5
Financial	110.7	117.7	134.8	144.5	145.8
Farm debt	397.8	395.6	404.0	400.3	410.5
By purpose:					
Real estate	276.7	278.3	290.5	277.0	276.6
Nonreal estate ⁴	121.0	117.3	113.5	123.3	133.9
By lender:					
Farm Credit System	122.5	125.4	128.2	116.9	119.5
Farmers Home Administration	66.5	62.4	59.5	58.6	55.2
Commercial banks	76.9	80.2	82.8	92.2	102.9
Life insurance companies	81.5	76.0	80.6	76.6	73.4
Individuals and others ⁵	50.5	51.7	52.9	56.1	59.6
Equity	2,439.5	2,565.9	2,983.5	3,004.3	3,025.1
			<i>Ratio</i>		
Debt/equity	16.3	15.4	13.5	13.3	13.6
Debt/assets	14.0	13.4	11.9	11.8	11.9

See footnotes at end of table.

Continued—

Table 3-4—Farm business balance sheet, Wisconsin and Wyoming, December 31, 1990-94—Continued

Item	1990	1991	1992	1993	1994
Wisconsin					
			<i>Number</i>		
Farms	80,000	79,000	79,000	79,000	79,000
			<i>Million dollars</i>		
Farm assets	21,976.4	22,442.3	22,593.9	23,061.4	23,497.2
Real estate	11,778.7	12,309.5	12,371.6	12,854.2	13,156.6
Livestock and poultry ¹	3,314.7	3,180.6	3,185.8	3,037.0	2,995.9
Machinery and motor vehicles ²	4,213.8	4,249.5	4,268.7	4,280.9	4,347.5
Crops ³	1,082.8	1,036.8	990.8	989.4	1,002.5
Purchased inputs	154.5	152.7	205.4	224.6	253.2
Financial	1,431.9	1,513.2	1,571.7	1,675.2	1,741.4
Farm debt	4,739.6	4,717.5	4,705.3	4,769.5	4,892.2
By purpose:					
Real estate	2,474.7	2,430.1	2,423.9	2,434.7	2,472.8
Nonreal estate ⁴	2,264.8	2,287.4	2,281.4	2,334.8	2,419.5
By lender:					
Farm Credit System	1,321.4	1,283.0	1,236.5	1,225.5	1,247.5
Farmers Home Administration	630.9	543.1	464.3	398.4	369.9
Commercial banks	1,735.0	1,813.8	1,908.4	1,983.7	2,058.5
Life insurance companies	58.4	59.0	52.2	64.4	59.4
Individuals and others ⁵	993.8	1,018.6	1,043.8	1,097.5	1,156.9
Equity	17,236.8	17,724.7	17,888.7	18,291.9	18,605.0
			<i>Ratio</i>		
Debt/equity	27.5	26.6	26.3	26.1	26.3
Debt/assets	21.6	21.0	20.8	20.7	20.8
Wyoming					
			<i>Number</i>		
Farms	8,900	9,000	9,200	9,200	9,200
			<i>Million dollars</i>		
Farm assets	6,753.8	6,341.0	6,862.1	7,623.4	7,744.0
Real estate	5,054.7	4,603.7	5,009.9	5,605.9	5,897.9
Livestock and poultry ¹	899.8	948.9	1,034.9	1,130.0	973.8
Machinery and motor vehicles ²	396.5	409.5	420.5	421.7	428.3
Crops ³	169.2	129.6	125.4	178.2	142.8
Purchased inputs	22.3	15.7	22.7	21.9	28.6
Financial	211.3	233.7	248.7	265.7	272.5
Farm debt	838.2	863.3	832.2	811.3	884.2
By purpose:					
Real estate	451.3	431.6	411.1	368.5	397.7
Nonreal estate ⁴	386.9	431.7	421.1	442.8	486.6
By lender:					
Farm Credit System	237.0	241.2	206.5	119.2	130.8
Farmers Home Administration	80.9	72.0	63.2	58.2	55.4
Commercial banks	247.2	280.1	300.5	354.0	410.3
Life insurance companies	79.5	71.3	58.3	65.4	61.4
Individuals and others ⁵	193.7	198.7	203.7	214.4	226.4
Equity	5,915.6	5,477.8	6,029.9	6,812.2	6,859.7
			<i>Ratio</i>		
Debt/equity	14.2	15.8	13.8	11.9	12.9
Debt/assets	12.4	13.6	12.1	10.6	11.4

Note: Numbers in parentheses are negative.

¹Excludes horses, mules, and broilers.

²Includes only farm share value for trucks and autos.

³All non-CCC crops held on farms plus the value above loan rate for crops held under CCC.

⁴Excludes debt for nonfarm purposes.

⁵Includes loans from CCC for storage and drying facilities.

Financial Measures Indicate Strong Sector Performance

The favorable farm sector financial conditions in 1994 are indicated by the positive changes found in ratios measuring profitability, solvency, efficiency, and liquidity. Comparing 1994 farm sector financial ratios with those of the mid-1980's provides a basis for assessing the current economic health of the farm sector, as well as illustrating the improvements in economic conditions since then. Financial ratios, like the debt-to-asset ratio and the rate of return on farm assets, are a means of combining large amounts of information and expressing as single numbers the dynamic relationships between changes in farm income and shifts in the value of farm assets and farm debt. (See box describing the ratios used in this report.)

Financial Ratios Show Improved Economic Conditions Since Mid-1980's

Rates of return on farm assets have been positive since 1987, in contrast to the negative returns during the first half of the 1980's (fig. 4-1). Overall, farm sector investments have become profitable again.

Farm debt declined as a percentage of farm assets from 23.0 percent in 1985 to 15.7 percent in 1994 (fig. 4-2), providing evidence that farm sector solvency has improved as farmers' dependence on debt financing has dropped.

The *asset turnover ratio*, which measures income generated per dollar of farm assets, has returned to the 21- to 22-percent range since 1986, after having fallen to the mid-teens in the early 1980's. This implies farmers are using their assets more efficiently (fig. 4-3). The *interest to gross cash income ratio* gives the proportion of gross cash income absorbed by interest payments. Lower values in the 1990's indicate greater efficiency and flexibility in meeting other cash expenses (fig. 4-4).

The *farm business debt service coverage ratio*, which assesses the ability of farm businesses to repay interest and principal associated with farm business debt from net cash farm income, had increased from 1.65 in 1985 to 2.54 in 1993 (fig. 4-5). This ratio fell a bit to 2.15 in 1994. Lower cash farm income and slightly higher debt levels were the reasons for the 1994 decline. The *debt servicing ratio* fell by almost half, from 0.24 in

1980 and 0.25 in 1985 to 0.14-0.15 during 1990-94 (fig. 4-6). This indicates that farmers in the 1990's are better able to repay their debts, both interest and principal, out of current income. Both indicators point to improved liquidity in the farm sector in the 1990's.

Financial Ratios Also Show Continued Economic Strength in Farm Sector

Profitability ratios were higher in 1994 than in 1993. Spurred by growth in returns per dollar of farm assets and by favorable credit market conditions, farm sector investments were increasingly profitable in 1994. Rates of return on farm assets and equity from current income rose from 1993 levels. The rate of return on farm assets from current income was 3.6 percent in 1994 compared with 2.9 percent in 1993. The rate of return from current income on farm equity was 2.9 percent in 1994, up from 2.1 percent in 1993. However, the total rates of return on current income plus real capital gains for either farm assets or farm equity were slightly lower, reflecting the lower returns from real capital gains.

The debt-to-asset ratio remained at 15.7 percent in 1994 for the second consecutive year, indicating that for the farm sector as a whole, *solvency* for the "average farm" remains favorable.

The asset turnover ratio fell slightly in 1994 from 1993. An estimate of *efficiency*, this ratio measures the gross cash farm income generated per dollar of farm assets. A ratio of 0.21 indicates that gross cash farm income is equal to 21 percent of farm assets or that, given the current production volume, farms on average turn over their assets about every 5 years. The lower the value, the greater the stress placed on farm earnings that remain after all payments necessary to retire farm debt on schedule have been made.

The debt servicing ratio, a measure of *liquidity*, is the proportion of gross cash income needed to service debt. In 1983, principal and interest payments took 28 percent of gross cash income. From 1990 through 1994, principal and interest payments required between 14 and 15 percent of the sector's gross cash income. The farm business debt service coverage ratio

is another liquidity measure. This ratio measures the farm business' ability to repay both interest and principal from net cash income. The farm business debt service coverage ratio fell from 2.54 in 1993 to 2.15 in

1994. This measure, in contrast to the debt/asset ratio, suggests that sector liquidity may have declined. However, a ratio greater than 1 indicates that the "average farm" is liquid.

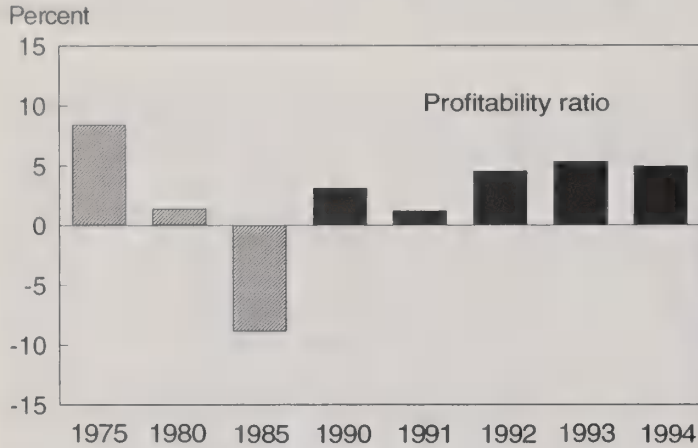
Definition of Financial Ratios¹

Ratio	Computation method	Significance
Liquidity:		
Farm business debt service coverage	$\frac{\text{Net cash farm income} + \text{Interest}}{\text{Interest} + \text{principal payments}}$	Measures the farm business's ability to repay both interest and principal
Debt servicing	$\frac{\text{Interest} + \text{principal payments}}{\text{Gross cash farm income}}$	Measures the share of the farm business' gross income needed to service debt
Times interest	$\frac{\text{Net farm income before interest and taxes}}{\text{Interest payments}}$	Measures the farm business' ability to service debt out of net income earned
Efficiency:		
Gross ratio	$\frac{\text{Cash operating expenses}}{\text{Gross cash farm income}}$	Measures the proportion of gross cash farm income absorbed by cash operating expenses
Interest to gross cash income	$\frac{\text{Interest}}{\text{Gross cash farm income}}$	Measures the share of gross cash farm income committed to interest payments
Asset turnover	$\frac{\text{Gross cash farm income}}{\text{Farm business assets}}$	Measures the gross farm income generated per dollar of farm business assets
Net cash farm income to debt (debt-burden ratio)	$\frac{\text{Net cash farm income}}{\text{Farm business debt}}$	Measures the burden placed on net cash farm income to retire outstanding debt
Leverage index	$\frac{\text{Rate of return on equity}}{\text{Rate of return on assets}}$	Indicates whether the use of financial leverage is beneficial
Solvency:		
Debt to assets	$\frac{\text{Farm business debt}}{\text{Farm business assets}}$	Measures debt pledged against farm business assets, indicating overall financial risk
Debt to equity	$\frac{\text{Farm business debt}}{\text{Farm business equity}}$	Measures the relative proportion of funds invested by creditors and owners
Profitability:		
Rates of return on assets— Current income	$\frac{\text{Returns to farm assets from current income}}{\text{Farm business assets}}$	Measures how efficiently the farm business uses its assets; the per dollar return on farm assets (from current income only)
Real capital gains	$\frac{\text{Real capital gains on farm business assets}}{\text{Farm business assets}}$	Measures per dollar return on farm assets from real capital gains
Rates of return on equity— Current income	$\frac{\text{Returns to farm assets from current income} - \text{Interest}}{\text{Farm business equity}}$	Measures the returns to equity capital employed in the farm business from current income
Real capital gains	$\frac{\text{Real capital gains on farm business assets}}{\text{Farm business equity}}$	The per dollar return on farm equity from real capital gains
Profit margin	$\frac{\text{Net farm income}}{\text{Gross cash farm income}}$	Measures profits earned per dollar of the value of farm production

¹Asset, debt, and equity values are an average for December 31 of the current and previous years.

Figure 4-1
Rates of return, 1975-94¹

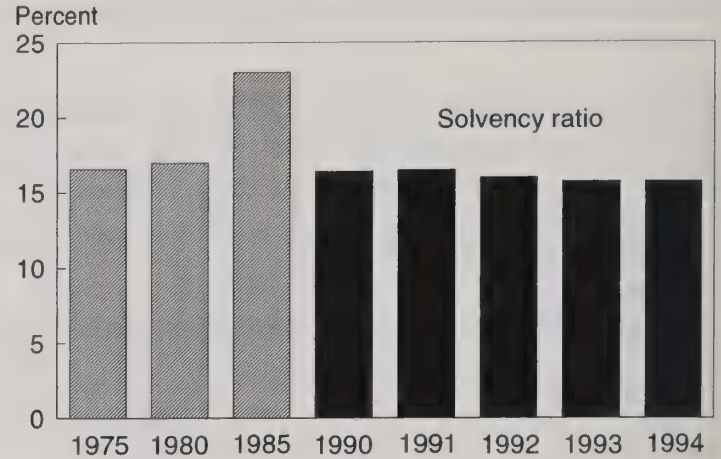
Farm sector investments have been profitable in 1990's



¹Returns to farm assets from current income and real capital gains.

Figure 4-2
Debt asset ratios, 1975-94¹

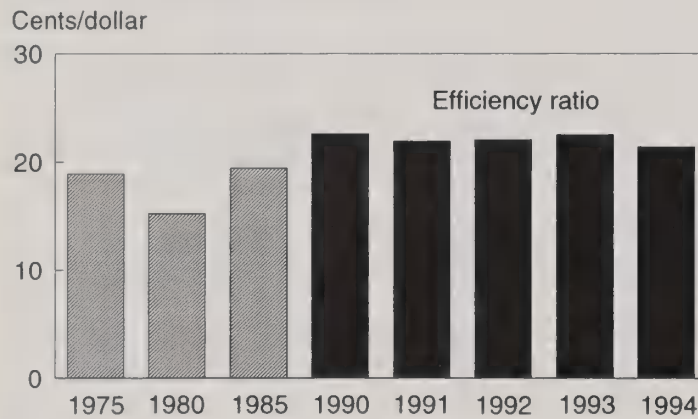
Farm sector solvency improving



¹Farm business debt/farm business assets.

Figure 4-3
Asset turnover ratios, 1975-94¹

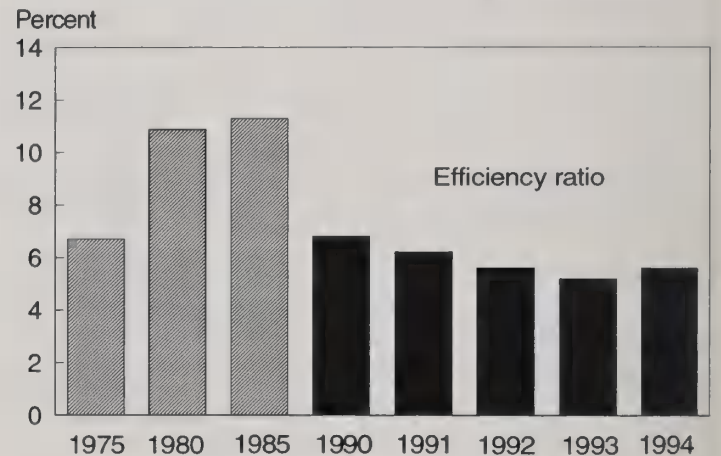
Asset turnover ratio higher in the 1990's compared with lows in early 1980's



¹Measures gross cash income generated per dollar of farm assets.

Figure 4-4
Interest-to-gross-cash-income ratios, 1975-94¹

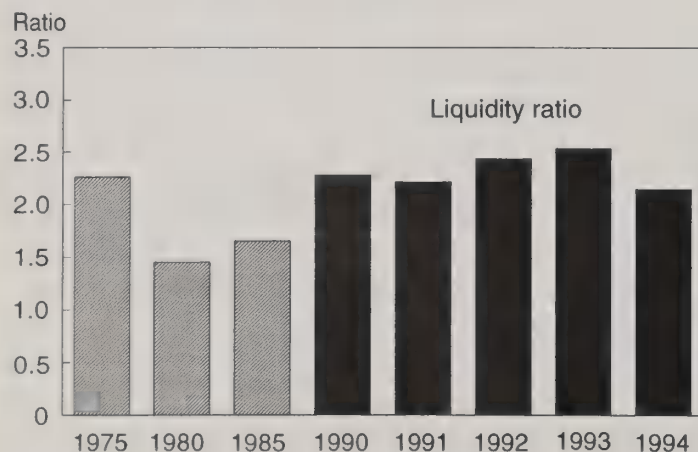
Financial efficiency/flexibility has been greater in 1990's



¹Net farm income before interest and taxes/interest payments.

Figure 4-5
Farm business debt service coverage ratios, 1975-94¹

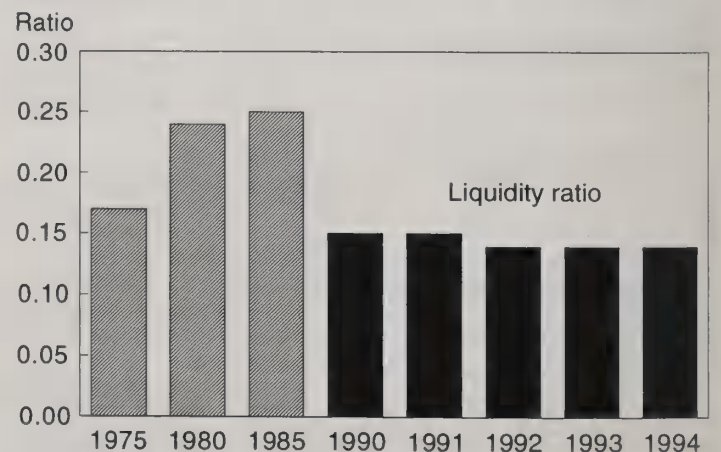
Liquidity has improved in the 1990's



¹Net cash farm income/interest + principal payments.

Figure 4-6
Debt servicing ratios, 1975-94¹

Farmers have been better able to pay debts in 1990's



¹Interest + principal payments/gross cash farm income.

Table 4-1—Selected farm financial ratios (profitability, solvency, efficiency, and liquidity), 1990-94

Year	Profitability		Solvency	Efficiency	Liquidity	
	Return on assets		Debt-to- asset ratio	Asset turnover	Debt servicing	Farm business debt service coverage
	From current income only	Including capital gains				
	-----Percent-----			-----Ratio-----		
1990	4.3	3.1	16.4	22.63	0.15	2.28
1991	3.1	1.2	16.5	21.90	0.15	2.22
1992	4.1	4.5	16.0	22.03	0.14	2.44
1993	2.9	5.3	15.7	22.54	0.14	2.54
1994	3.6	4.9	15.7	21.42	0.14	2.15

Table 4-2—Farm financial ratios by State, 1990

State	Liquidity			Efficiency				
	Farm business debt service coverage	Debt servicing	Times interest earned	Gross ratio	Interest to gross cash farm income	Asset turnover	Net cash farm income to debt	Leverage index
	-----Ratio-----			-----Percent-----				Ratio
Alabama	3.79	0.10	6.98	67.31	4.40	30.85	82.59	0.89
Alaska	2.22	0.19	3.67	67.93	9.64	5.08	44.07	na
Arizona	2.41	0.17	5.00	65.69	7.79	18.63	57.63	0.87
Arkansas	2.07	0.13	4.10	79.08	5.67	31.63	43.39	0.83
California	2.96	0.13	6.44	67.90	5.30	30.34	58.27	0.99
Colorado	2.34	0.14	4.96	73.92	6.24	28.01	51.24	0.87
Connecticut	4.04	0.10	9.94	63.71	4.11	21.82	87.58	0.92
Delaware	3.06	0.09	7.42	77.20	3.42	49.40	61.92	1.06
Florida	4.14	0.11	7.93	58.34	5.51	23.52	76.30	0.98
Georgia	2.89	0.14	5.53	66.84	6.15	27.71	60.50	0.88
Hawaii	2.61	0.11	5.83	76.97	4.74	15.51	50.14	0.85
Idaho	2.57	0.16	5.87	65.70	6.98	26.57	54.05	0.97
Illinois	1.74	0.18	3.62	77.65	8.24	17.60	36.63	0.75
Indiana	1.80	0.17	3.23	76.91	8.20	21.39	36.35	0.57
Iowa	1.86	0.18	3.89	75.31	7.89	23.17	38.72	0.79
Kansas	1.92	0.15	4.70	77.72	6.38	29.00	42.95	0.84
Kentucky	3.05	0.15	5.49	60.31	6.89	19.88	60.18	0.56
Louisiana	1.67	0.19	2.97	76.33	8.27	24.14	37.93	0.69
Maine	2.72	0.13	6.75	68.83	4.97	27.63	59.86	0.42
Maryland	2.74	0.12	5.65	71.92	5.10	23.94	52.40	0.69
Massachusetts	2.90	0.13	7.76	66.27	4.79	15.09	61.01	0.73
Michigan	2.18	0.16	4.54	72.72	7.08	24.98	45.91	na
Minnesota	2.01	0.18	4.48	71.79	8.20	22.93	43.11	0.68
Mississippi	1.21	0.20	2.30	84.58	8.85	24.48	26.32	0.05
Missouri	1.63	0.21	3.00	75.61	9.53	16.32	33.72	na
Montana	1.58	0.26	3.11	71.25	11.63	12.02	31.38	0.51
Nebraska	2.20	0.15	5.60	74.19	6.21	29.45	49.50	0.94
Nevada	2.71	0.16	4.66	63.96	7.90	13.43	52.66	0.73
New Hampshire	3.22	0.10	8.95	72.12	3.91	14.31	66.51	na
New Jersey	3.36	0.10	7.86	69.50	4.21	13.46	61.32	0.63
New Mexico	2.64	0.14	5.24	70.27	6.11	16.07	54.49	0.82
New York	2.24	0.15	4.73	71.76	5.77	25.37	46.72	na
North Carolina	4.86	0.09	9.81	60.16	4.03	39.47	100.76	1.07
North Dakota	1.55	0.23	3.91	73.66	9.89	16.46	32.92	0.79
Ohio	2.75	0.14	5.03	68.83	6.28	20.00	56.99	0.68
Oklahoma	1.67	0.21	3.82	74.30	8.94	20.34	37.14	0.48
Oregon	2.04	0.15	4.27	75.56	6.62	23.50	36.42	0.71
Pennsylvania	2.98	0.12	5.72	70.05	5.00	21.02	60.32	na
Rhode Island	6.09	0.09	na	50.91	3.18	20.11	121.25	0.94
South Carolina	2.51	0.15	4.10	69.51	6.48	19.94	51.29	0.37
South Dakota	2.05	0.20	5.44	66.57	8.20	19.07	44.82	0.87
Tennessee	2.13	0.19	3.68	68.58	8.09	14.75	44.69	na
Texas	2.00	0.16	4.40	75.04	7.18	17.51	45.07	0.70
Utah	2.41	0.18	5.08	65.21	8.26	15.33	51.66	0.65
Vermont	2.78	0.13	5.26	67.79	5.32	20.94	54.48	na
Virginia	2.76	0.16	5.08	62.63	7.23	15.30	55.05	0.59
Washington	2.15	0.13	4.99	76.69	5.45	28.48	43.32	0.93
West Virginia	2.06	0.20	3.54	68.90	9.34	13.09	38.66	1.47
Wisconsin	2.14	0.17	4.09	71.33	7.29	27.44	45.57	na
Wyoming	1.68	0.20	3.59	75.10	8.43	12.55	35.17	0.35
United States	2.28	0.15	4.78	71.64	6.81	22.63	47.73	0.77

See footnote at end of table.

Continued—

Table 4-2—Farm financial ratios by State, 1990—Continued

State	Solvency		Profitability						Net farm income to gross cash farm income
	Debt to assets	Debt to equity	Rates of return on assets from:			Rates of return on equity from:			
			Current income	Real capital gains	Total	Current income	Real capital gains	Total	
			<i>Percent</i>						
Alabama	13.6	15.7	5.7	-4.7	1.0	5.1	-4.7	0.3	18.5
Alaska	4.2	4.4	0.0	-6.0	-6.0	-0.5	-6.1	-6.6	0.3
Arizona	12.3	14.0	5.9	4.4	10.2	5.1	5.8	10.9	31.5
Arkansas	19.5	24.2	5.4	-0.9	4.5	4.5	-0.1	4.4	17.1
California	19.2	23.8	8.1	4.9	13.0	8.0	7.1	15.1	26.6
Colorado	16.5	19.7	6.2	7.4	13.6	5.4	9.9	15.3	22.1
Connecticut	10.3	11.5	5.3	-1.8	3.5	4.9	-1.5	3.4	24.4
Delaware	22.8	29.6	10.3	-4.1	6.2	10.8	-4.1	6.7	20.8
Florida	14.7	17.2	8.0	-1.8	6.2	7.8	-1.4	6.5	34.0
Georgia	17.7	21.5	6.2	-1.9	4.3	5.5	-1.4	4.1	22.3
Hawaii	8.5	9.3	3.3	1.5	4.8	2.8	2.0	4.8	21.3
Idaho	20.8	26.3	8.2	-4.4	3.8	8.0	-4.5	3.4	30.9
Illinois	14.4	16.9	4.0	-0.5	3.5	3.0	0.1	3.1	22.8
Indiana	18.0	22.0	3.3	-1.5	1.8	1.9	-0.9	1.0	15.4
Iowa	19.2	23.7	5.1	0.2	5.3	4.0	1.3	5.3	21.9
Kansas	19.6	24.3	5.7	-3.0	2.7	4.8	-2.7	2.1	19.8
Kentucky	15.3	18.1	2.6	-4.0	-1.4	1.4	-4.0	-2.5	13.0
Louisiana	19.6	24.3	4.4	-3.7	0.7	3.1	-3.5	-0.5	18.4
Maine	16.8	20.2	2.1	-7.0	-4.9	0.9	-7.6	-6.7	7.7
Maryland	15.5	18.3	3.0	-8.4	-5.5	2.0	-9.2	-7.1	12.3
Massachusetts	10.3	11.5	2.1	-2.5	-0.4	1.6	-2.3	-0.8	14.1
Michigan	17.9	21.7	0.1	1.9	2.1	-2.0	3.4	1.3	0.5
Minnesota	18.5	22.7	4.1	2.6	6.7	2.8	4.2	7.0	18.0
Mississippi	21.5	27.4	2.3	-1.0	1.3	0.1	0.0	0.2	9.2
Missouri	16.2	19.3	0.8	-1.7	-0.9	-0.9	-1.2	-2.2	4.7
Montana	15.3	18.0	2.4	-3.0	-0.5	1.2	-2.7	-1.5	20.3
Nebraska	19.1	23.6	7.7	-4.3	3.4	7.2	-4.3	2.9	26.0
Nevada	10.2	11.4	3.0	8.0	11.0	2.2	9.5	11.7	22.6
New Hampshire	6.9	7.4	-1.9	-7.3	-9.1	-2.6	-7.5	-10.1	-13.0
New Jersey	7.4	8.0	1.3	8.6	9.9	0.8	9.6	10.5	10.0
New Mexico	10.4	11.5	3.7	3.7	7.4	3.0	4.6	7.6	23.1
New York	17.9	21.7	-0.2	3.3	3.0	-2.1	5.0	2.9	-0.9
North Carolina	17.0	20.5	14.4	-2.5	12.0	15.5	-2.1	13.4	36.6
North Dakota	17.6	21.3	4.6	-0.5	4.1	3.6	0.4	4.0	27.9
Ohio	12.8	14.7	3.1	0.4	3.5	2.1	1.1	3.2	15.3
Oklahoma	18.7	23.0	3.0	-5.2	-2.2	1.4	-5.4	-4.0	14.6
Oregon	19.7	24.5	3.6	-2.9	0.7	2.5	-2.5	-0.0	15.2
Pennsylvania	12.2	13.9	-0.7	-2.9	-3.7	-2.0	-2.7	-4.8	-3.5
Rhode Island	9.8	10.8	4.5	-2.8	1.7	4.2	-2.7	1.5	22.3
South Carolina	13.8	16.0	1.9	2.3	4.2	0.7	3.4	4.1	9.5
South Dakota	17.9	21.8	5.6	-0.9	4.7	4.9	-0.2	4.7	29.2
Tennessee	12.9	14.8	-0.9	-1.6	-2.5	-2.4	-1.3	-3.6	-5.8
Texas	12.4	14.2	3.2	-4.6	-1.4	2.2	-4.7	-2.4	18.3
Utah	12.2	13.9	2.9	-0.5	2.4	1.9	0.0	1.9	18.9
Vermont	15.0	17.6	-0.7	-1.3	-2.0	-2.1	-0.9	-3.0	-3.1
Virginia	13.0	15.0	2.3	-12.6	-10.3	1.3	-13.8	-12.5	14.9
Washington	18.7	23.0	6.4	1.4	7.7	5.9	2.7	8.6	22.4
West Virginia	14.0	16.3	-4.6	-14.4	-19.0	-6.7	-16.0	-22.8	-35.1
Wisconsin	21.6	27.5	0.9	-5.6	-4.8	-1.4	-6.0	-7.5	3.2
Wyoming	12.4	14.2	1.5	-0.6	1.0	0.5	-0.1	0.4	12.2
United States	16.4	19.7	4.3	-1.2	3.1	3.3	-0.6	2.8	19.0

na = Not statistically valid.

Table 4-3—Farm financial ratios by State, 1991

State	Liquidity			Efficiency				Leverage index
	Farm business debt service coverage	Debt servicing	Times interest earned	Gross ratio	Interest to gross cash farm income	Asset turnover	Net cash farm income to debt	
	-----Ratio-----			-----Percent-----				Ratio
Alabama	4.56	0.09	9.72	62.44	3.84	31.38	97.31	0.96
Alaska	2.47	0.17	4.00	67.26	8.69	5.24	50.42	na
Arizona	2.49	0.17	5.74	65.81	7.58	16.43	59.70	0.88
Arkansas	1.86	0.12	4.53	81.84	5.04	31.41	36.72	0.81
California	2.26	0.13	5.69	75.50	4.94	26.97	41.75	0.94
Colorado	1.81	0.15	3.95	79.37	6.54	23.90	38.34	0.64
Connecticut	4.17	0.10	9.48	62.55	3.72	20.96	86.87	0.76
Delaware	2.60	0.09	6.67	80.20	3.07	49.84	49.61	0.96
Florida	5.01	0.10	10.43	53.88	4.61	25.77	88.65	1.03
Georgia	3.23	0.13	7.32	64.60	5.46	28.71	64.87	0.99
Hawaii	2.34	0.11	5.23	80.00	4.56	13.80	44.09	0.76
Idaho	2.38	0.17	5.36	66.30	6.76	24.96	47.88	0.91
Illinois	1.52	0.18	2.68	80.71	7.88	16.21	30.66	0.35
Indiana	1.39	0.18	1.92	82.63	8.23	19.21	27.18	na
Iowa	1.78	0.18	3.54	76.19	7.34	22.25	35.72	0.69
Kansas	2.06	0.15	3.89	75.46	5.87	28.23	44.32	0.58
Kentucky	3.15	0.15	6.11	60.34	6.04	20.26	59.02	0.63
Louisiana	1.18	0.19	2.87	85.27	8.07	22.91	26.23	0.59
Maine	2.27	0.13	5.02	74.32	4.86	25.84	48.93	na
Maryland	2.61	0.12	5.45	73.97	4.51	23.98	47.49	-0.41
Massachusetts	3.37	0.13	9.69	61.45	3.95	15.90	66.54	na
Michigan	1.88	0.15	3.89	77.84	6.58	23.44	38.51	na
Minnesota	2.14	0.17	3.36	70.91	7.20	22.97	44.45	-1.07
Mississippi	1.07	0.19	2.71	87.72	7.88	24.21	22.68	0.44
Missouri	1.47	0.21	2.87	78.62	8.80	15.79	29.08	na
Montana	1.60	0.25	4.20	71.06	10.87	11.61	30.69	0.74
Nebraska	2.53	0.14	5.72	69.58	5.54	29.91	54.81	0.95
Nevada	2.57	0.17	4.71	64.91	7.92	11.12	49.52	0.76
New Hampshire	3.51	0.09	10.01	70.32	3.46	14.50	69.49	na
New Jersey	3.11	0.11	8.36	70.47	3.72	12.08	54.21	na
New Mexico	2.37	0.14	5.91	73.09	5.75	14.70	47.23	0.82
New York	2.13	0.15	4.52	73.49	5.34	23.56	43.76	na
North Carolina	5.05	0.09	11.95	59.24	3.63	38.46	99.46	1.10
North Dakota	1.68	0.22	3.26	72.13	8.77	16.72	34.55	0.57
Ohio	2.43	0.14	3.84	72.13	6.13	18.17	48.70	na
Oklahoma	1.82	0.19	3.56	73.25	7.76	20.93	39.55	-0.46
Oregon	2.24	0.14	4.76	73.80	5.41	23.97	37.81	0.43
Pennsylvania	2.57	0.12	4.71	73.63	4.68	19.26	48.82	1.56
Rhode Island	5.78	0.09	na	48.45	2.82	20.69	110.94	1.02
South Carolina	2.60	0.14	5.76	69.52	5.83	18.87	51.27	0.70
South Dakota	2.25	0.20	5.46	63.09	7.19	19.64	46.82	0.82
Tennessee	1.93	0.19	3.92	70.53	7.86	13.24	38.99	na
Texas	2.11	0.15	4.65	74.21	6.43	17.94	45.67	0.67
Utah	2.53	0.18	5.12	63.12	7.76	14.22	53.02	0.16
Vermont	2.45	0.14	5.48	70.64	4.97	19.97	45.73	1.64
Virginia	2.71	0.16	5.24	63.54	6.68	15.04	51.32	0.56
Washington	2.70	0.12	5.92	72.70	4.31	30.10	52.29	0.90
West Virginia	1.73	0.21	2.39	73.33	9.30	11.87	31.20	1.36
Wisconsin	1.88	0.17	3.30	75.46	6.96	26.27	38.86	na
Wyoming	1.63	0.18	5.17	77.51	6.89	14.16	32.02	0.69
United States	2.22	0.15	4.65	72.65	6.23	21.90	44.65	0.66

See footnote at end of table.

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Table 4-4—Farm financial ratios by State, 1992

State	Liquidity			Efficiency				
	Farm business debt service coverage	Debt servicing	Times interest earned	Gross ratio	Interest to gross cash farm income	Asset turnover	Net cash farm income to debt	Leverage index
	-----Ratio-----			-----Percent-----				
Alabama	4.46	0.09	10.06	62.35	3.61	28.76	91.18	0.93
Alaska	2.35	0.16	3.82	71.07	8.34	5.38	52.44	na
Arizona	2.81	0.15	5.75	64.51	6.70	16.16	66.50	0.87
Arkansas	2.97	0.11	6.78	71.43	4.23	33.64	55.92	0.98
California	2.97	0.12	7.20	69.11	4.42	28.33	53.87	1.01
Colorado	2.15	0.14	4.68	76.10	5.69	24.91	43.84	0.76
Connecticut	5.29	0.09	12.87	57.82	3.22	21.97	110.44	0.90
Delaware	2.78	0.09	7.00	78.58	2.95	48.56	51.04	1.07
Florida	5.35	0.10	11.70	52.12	4.20	26.35	91.33	1.05
Georgia	3.87	0.12	8.74	60.01	4.73	29.58	74.16	1.03
Hawaii	1.93	0.11	4.27	84.29	4.58	12.99	37.30	0.58
Idaho	2.53	0.16	6.08	65.01	5.92	25.38	48.64	0.99
Illinois	1.36	0.17	4.45	83.52	7.27	15.86	26.31	0.83
Indiana	1.25	0.18	3.63	85.52	7.65	18.56	23.33	0.63
Iowa	1.92	0.16	4.72	75.40	6.38	22.95	36.81	0.87
Kansas	1.93	0.15	5.40	77.66	5.64	27.80	40.75	0.83
Kentucky	3.32	0.14	7.80	59.65	5.35	19.91	59.02	0.93
Louisiana	2.14	0.16	4.09	71.50	6.56	26.89	46.60	0.83
Maine	2.80	0.12	8.81	69.57	4.49	26.26	59.87	0.89
Maryland	2.68	0.12	6.48	73.23	4.29	22.07	46.75	0.74
Massachusetts	3.75	0.12	11.49	58.81	3.66	16.19	72.55	0.84
Michigan	1.90	0.15	4.19	78.04	5.78	22.67	36.89	na
Minnesota	1.87	0.17	3.96	74.42	6.58	21.38	36.29	na
Mississippi	1.91	0.16	4.18	75.48	6.63	26.78	39.69	0.86
Missouri	1.77	0.19	4.01	74.50	7.62	16.53	33.70	-0.05
Montana	2.20	0.21	4.06	62.53	8.72	12.79	40.43	0.55
Nebraska	2.31	0.15	6.40	71.13	5.51	28.79	48.47	0.96
Nevada	2.86	0.16	4.68	62.55	7.15	11.06	53.91	0.73
New Hampshire	4.80	0.08	14.74	63.25	2.97	16.43	93.91	0.70
New Jersey	3.21	0.11	9.50	68.24	3.48	11.64	54.87	0.19
New Mexico	2.87	0.13	6.71	67.52	5.14	15.23	55.89	0.86
New York	2.41	0.14	5.27	70.78	4.97	23.38	49.01	na
North Carolina	5.40	0.08	12.89	59.42	3.09	38.70	102.67	1.10
North Dakota	2.05	0.20	5.19	67.66	7.74	18.02	41.83	0.86
Ohio	2.57	0.13	5.91	71.37	5.66	17.85	49.39	0.66
Oklahoma	1.96	0.19	4.48	69.90	7.59	19.28	41.70	0.24
Oregon	2.15	0.14	5.03	76.03	5.19	23.66	36.39	0.30
Pennsylvania	3.16	0.11	7.67	68.24	4.19	20.01	57.86	na
Rhode Island	6.54	0.09	na	44.23	2.47	21.72	122.91	1.05
South Carolina	3.00	0.13	6.09	66.28	5.22	18.95	57.84	0.50
South Dakota	2.12	0.20	6.20	64.62	6.96	19.53	43.20	0.93
Tennessee	2.46	0.17	5.38	65.08	6.48	14.38	47.99	na
Texas	2.22	0.15	5.51	72.80	6.05	17.49	46.54	0.79
Utah	2.86	0.16	6.73	60.70	6.66	14.14	57.91	0.76
Vermont	3.32	0.12	8.89	63.40	4.32	21.49	61.99	-0.85
Virginia	2.67	0.15	5.79	65.09	6.16	14.37	47.94	0.65
Washington	2.95	0.11	7.50	71.87	3.95	30.45	56.16	1.00
West Virginia	2.08	0.19	3.67	67.88	8.25	11.18	35.83	1.53
Wisconsin	2.27	0.15	4.17	71.14	5.84	26.85	44.53	na
Wyoming	2.10	0.18	5.71	67.96	6.54	13.37	40.15	0.77
United States	2.44	0.14	5.83	70.60	5.63	22.03	47.48	0.83

See footnote at end of table.

Continued—

Table 4-5—Farm financial ratios by State, 1993

State	Liquidity			Efficiency				
	Farm business debt service coverage	Debt servicing	Times interest earned	Gross ratio	Interest to gross cash farm income	Asset turnover	Net cash farm income to debt	Leverage index
	-----Ratio-----			-----Percent-----				
Alabama	4.37	0.09	10.13	63.97	3.37	27.72	88.76	0.95
Alaska	3.87	0.10	9.39	66.66	3.61	5.52	66.98	na
Arizona	3.52	0.12	9.07	63.08	4.21	17.48	72.87	0.95
Arkansas	2.31	0.12	5.17	77.75	4.71	31.97	44.83	0.90
California	2.76	0.12	6.98	72.26	4.46	29.49	51.07	0.99
Colorado	2.48	0.12	5.96	74.90	4.51	25.70	47.88	0.85
Connecticut	5.66	0.08	16.33	59.13	2.53	20.70	110.17	0.95
Delaware	2.79	0.09	6.75	78.38	2.98	45.22	51.17	1.02
Florida	4.59	0.10	10.20	58.05	4.24	25.82	77.41	1.03
Georgia	3.75	0.11	8.42	64.16	4.19	29.65	69.75	0.99
Hawaii	2.09	0.09	5.51	84.08	3.46	12.71	36.35	0.64
Idaho	2.57	0.16	6.74	65.45	5.85	25.62	50.20	0.99
Illinois	2.12	0.15	3.98	74.39	5.92	17.37	39.45	0.64
Indiana	2.41	0.14	4.18	72.21	5.72	21.51	43.48	0.71
Iowa	2.00	0.16	2.35	73.81	6.48	22.60	38.39	na
Kansas	2.13	0.14	4.95	75.51	5.20	28.11	44.26	0.73
Kentucky	3.66	0.13	7.07	58.87	4.95	20.35	64.61	0.60
Louisiana	2.01	0.15	4.03	75.30	5.64	27.45	41.39	0.57
Maine	2.70	0.12	8.08	70.50	4.20	25.04	55.63	0.14
Maryland	2.84	0.11	6.09	72.38	4.04	20.31	47.81	0.50
Massachusetts	4.12	0.11	11.68	57.09	3.75	16.57	80.58	0.84
Michigan	2.00	0.13	4.91	78.69	5.00	23.56	37.65	na
Minnesota	1.51	0.18	1.60	80.02	6.68	21.20	29.31	1.68
Mississippi	1.59	0.15	2.88	81.58	6.03	26.64	32.28	0.13
Missouri	1.74	0.18	3.03	75.69	7.35	16.01	32.54	na
Montana	2.24	0.20	6.01	63.86	7.75	12.44	39.81	0.84
Nebraska	2.28	0.15	4.91	71.84	5.49	29.29	47.99	0.88
Nevada	3.24	0.13	7.44	63.30	5.26	12.09	56.20	0.87
New Hampshire	4.71	0.08	13.42	64.25	2.88	15.92	88.60	na
New Jersey	3.44	0.11	9.15	66.57	3.79	12.14	61.47	0.59
New Mexico	2.86	0.12	6.76	69.02	4.72	16.12	54.69	0.86
New York	2.49	0.14	6.08	70.01	4.65	22.71	49.72	na
North Carolina	5.82	0.07	14.31	59.62	2.75	40.60	111.56	1.09
North Dakota	2.17	0.18	3.54	67.60	6.95	18.21	43.56	0.47
Ohio	3.07	0.12	5.22	69.23	4.61	19.08	57.34	0.06
Oklahoma	2.35	0.17	5.59	66.54	6.09	20.58	47.82	0.66
Oregon	2.25	0.12	5.95	77.52	4.69	23.60	39.29	0.90
Pennsylvania	3.33	0.11	7.19	67.87	3.85	20.29	59.13	na
Rhode Island	6.49	0.09	19.10	44.13	3.04	21.21	127.83	1.02
South Carolina	3.06	0.12	6.05	69.08	4.39	20.08	58.31	0.73
South Dakota	2.23	0.20	4.97	63.68	7.25	20.72	47.07	0.78
Tennessee	2.20	0.17	4.62	69.09	6.74	13.89	41.75	na
Texas	2.73	0.13	6.98	69.91	4.66	18.84	54.16	0.86
Utah	3.22	0.14	7.77	60.49	5.21	14.37	61.53	0.74
Vermont	3.32	0.12	7.41	64.53	4.19	20.87	61.38	1.98
Virginia	2.47	0.15	4.74	68.46	5.90	14.17	43.83	na
Washington	2.88	0.10	7.76	74.40	3.83	32.53	55.07	1.03
West Virginia	2.47	0.16	4.26	67.66	6.45	12.71	41.63	1.45
Wisconsin	1.91	0.15	3.51	76.19	5.83	26.11	37.29	na
Wyoming	2.11	0.17	6.34	69.48	6.27	12.78	41.45	0.54
United States	2.54	0.14	5.46	70.90	5.16	22.54	48.68	0.72

See footnote at end of table.

Continued—

Table 4-6—Farm financial ratios by State, 1994

State	Liquidity			Efficiency				
	Farm business debt service coverage	Debt servicing	Times interest earned	Gross ratio	Interest to gross cash farm income	Asset turnover	Net cash farm income to debt	Leverage index
	<i>Ratio</i>			<i>Percent</i>				
Alabama	4.00	0.09	9.93	65.85	3.69	25.84	84.80	0.97
Alaska	4.04	0.09	9.18	66.76	3.74	5.56	73.41	na
Arizona	2.45	0.13	6.06	72.61	4.84	16.15	52.74	0.87
Arkansas	2.82	0.11	6.47	73.41	4.47	33.93	54.99	0.98
California	2.44	0.12	6.03	74.49	4.96	29.60	46.64	0.97
Colorado	1.76	0.13	3.84	81.65	5.24	23.25	35.23	0.49
Connecticut	4.79	0.08	12.78	63.06	3.15	20.13	100.37	0.89
Delaware	2.62	0.09	6.39	80.54	3.34	45.35	52.16	0.93
Florida	3.94	0.11	8.38	60.55	4.98	24.27	68.34	0.99
Georgia	4.02	0.10	10.09	62.36	4.30	31.15	78.01	1.04
Hawaii	1.45	0.09	4.24	90.33	3.79	12.11	26.27	0.30
Idaho	1.85	0.16	4.56	76.16	6.22	24.82	37.00	0.83
Illinois	1.71	0.16	5.04	78.74	6.49	15.31	32.05	0.85
Indiana	1.52	0.16	3.92	81.77	6.79	17.73	27.77	-0.19
Iowa	1.37	0.18	4.92	82.25	7.10	20.39	26.03	0.89
Kansas	1.87	0.15	4.98	78.36	5.63	27.14	39.67	0.85
Kentucky	3.21	0.14	6.82	60.64	5.82	18.19	58.77	0.80
Louisiana	2.00	0.15	5.08	76.26	5.68	27.22	41.57	0.90
Maine	2.30	0.13	5.86	74.48	4.68	25.46	49.41	na
Maryland	2.25	0.12	5.24	77.71	4.88	18.44	40.04	0.37
Massachusetts	3.08	0.12	8.30	66.23	4.63	15.32	63.15	0.67
Michigan	1.53	0.14	3.29	84.41	5.57	22.37	29.98	1.75
Minnesota	1.17	0.19	3.92	85.56	7.40	21.37	23.28	-0.30
Mississippi	1.66	0.15	4.48	81.20	5.85	26.62	33.71	0.83
Missouri	1.81	0.18	3.83	74.72	7.24	16.14	34.12	0.06
Montana	1.77	0.20	3.86	72.26	8.11	11.85	32.23	0.53
Nebraska	1.82	0.17	5.14	75.54	6.49	26.00	39.01	0.91
Nevada	2.17	0.13	5.04	76.53	5.55	11.94	39.12	0.62
New Hampshire	3.86	0.09	11.18	69.06	3.43	15.14	74.47	1.44
New Jersey	3.79	0.10	10.03	66.77	3.75	12.60	69.71	na
New Mexico	2.04	0.13	5.39	77.94	5.20	15.12	40.13	0.64
New York	1.91	0.15	4.23	76.69	5.50	22.21	40.18	1.67
North Carolina	5.34	0.08	13.89	61.02	3.08	40.80	107.82	1.10
North Dakota	1.71	0.20	4.56	73.60	7.68	17.04	35.06	0.84
Ohio	2.67	0.12	6.11	71.85	5.07	17.28	50.69	0.62
Oklahoma	1.57	0.19	5.30	77.44	6.59	18.90	32.08	0.53
Oregon	2.05	0.12	4.93	80.46	4.72	22.56	37.46	0.70
Pennsylvania	2.52	0.12	5.38	74.76	4.68	19.41	47.25	1.58
Rhode Island	5.94	0.09	na	47.38	3.60	20.27	120.83	0.84
South Carolina	3.22	0.11	8.04	67.88	4.48	20.29	64.33	0.92
South Dakota	2.06	0.20	6.00	65.60	7.63	20.47	43.93	0.97
Tennessee	2.34	0.17	5.23	67.27	6.87	13.77	44.84	na
Texas	2.31	0.14	6.60	72.99	5.02	17.38	46.19	0.83
Utah	2.42	0.14	6.05	70.52	5.54	13.56	47.83	-0.08
Vermont	2.69	0.13	6.40	69.82	5.02	20.20	51.71	na
Virginia	2.46	0.16	5.38	67.99	6.37	13.99	46.06	0.07
Washington	2.50	0.11	5.54	77.21	4.15	31.34	48.94	0.97
West Virginia	2.02	0.17	3.98	73.30	7.24	12.61	36.11	1.63
Wisconsin	1.42	0.17	3.57	83.01	6.58	25.24	28.68	na
Wyoming	1.57	0.20	3.24	76.29	7.44	11.45	32.34	na
United States	2.15	0.14	5.56	74.70	5.64	21.42	42.16	0.79

See footnote at end of table.

Continued—

Nation's Farms Vary Across Commodity Specialty and Sales Class

Nationally, farm enterprises were split almost evenly between crop and livestock farms in 1994. This division of production emphasis was more varied by region. The Northern Plains had the greatest percentage of crop farms, and the Southern Plains had the largest share of livestock enterprises. Sixty percent of U.S. farms had sales of less than \$20,000. Almost 80 percent of Appalachian farms were this size compared with only 36 percent in the Northern Plains.

The major components of net cash income are estimated for seven sales class categories, ranging from farms with sales of less than \$20,000 to those with more than \$1,000,000. Estimates of net cash income are also made for farms split into groups based upon their primary type of enterprise. These "farm type" divisions are characterized into crop and livestock farms, and then separated into seven more detailed subcategories if one specific commodity represents at least 50 percent of their value of production. Thus, a farm raising both poultry and tobacco would be classified first as a crop farm and then as a tobacco farm if tobacco receipts represented more than 50 percent of total farm sales.

Data used in calculating the farm sector's income estimates are not collected by sales class or farm type. To make estimates of the distribution of income and expenses among sales classes and farm types, an additional source with sales class and farm type data is needed. USDA's annual Farm Costs and Returns Survey (FCRS) is the source of relationships used as distributors for the national estimates of net cash income presented in this section. The FCRS is a probability-based survey of farm economic characteristics with weights that expand the data to cover all farms in the 48 contiguous States. Aggregate statistics, such as gross cash income, cash expenses, and net cash income, presented in the tables, are calculated at a more detailed level from the distributed components. For example, cash receipts are distributed using 19 detailed commodity categories and total cash expense is the sum of 12 detailed expenses.

Crop and Livestock Farms Split Even Nationally, But Regional Differences Notable

Nationally, farms were almost evenly split between crop and livestock farms based on the value of production.

In absolute numbers, the Corn Belt—Iowa, Missouri, Illinois, Indiana, and Ohio—had the most crop farms (267,000) and the Appalachian region—Virginia, West Virginia, North Carolina, Kentucky, and Tennessee—had the most livestock farms (185,000). As a proportion of the regions' farms, the comparisons were slightly different (fig. 5-1). The Northern Plains—North Dakota, South Dakota, Nebraska and Kansas—was the most crop-oriented region, while the Southern Plains—Texas and Oklahoma—was the most livestock-oriented region. Consistent with the dominant characteristic of their respective regions, North Dakota, Kansas, and California led the States in proportion of crop-oriented farms in 1994. In each of those States, at least 70 percent of the farms received more than 50 percent of their value of production from crops.

Individual States may differ significantly from the characteristic of their regions.¹ While the Northern Plains States of North Dakota, Kansas, and Nebraska are all categorized as having predominantly crop farms, South Dakota would be considered a livestock-oriented State. In the Pacific region, California was by far the most crop-oriented State, with Oregon classified as a livestock State.

More than 70 percent of West Virginia, Oklahoma, and Wyoming farms derived at least half of their value of production from livestock. Each of the States in the Appalachian and Southern Plains regions had a predominance of livestock farms. By contrast, not all of the Mountain States shared Wyoming's livestock-oriented characteristic.

Based upon information derived from the FCRS, livestock farms on average tended to have better net cash income positions than crop farms in 1994, yet had similar debt positions. Livestock farms were more likely to show positive net cash incomes. Over 52 percent of livestock farms had positive net cash incomes compared with 44 percent of crop farms. The share of farms with debt/asset ratios under 40 percent was about the same for both crop and livestock farms. This income difference between farm types needs to be

¹Sample size of the FCRS limits the number of States for which individual classification of farm type can be estimated within the regional totals.

interpreted in light of the substantial quantities of 1994 crop output held in inventory for future sale (not included in net cash income) and the decrease in government payments, which are a more important income source for crop farms than livestock farms.

Crop farms in general averaged \$5,965 in direct government payments per farm, or about 8 cents per dollar of farm marketings. Cash grain farms averaged over \$8,560 in payments, equivalent to about 11 cents per dollar of farm marketings (see "Government Payments, 1994," Chapter 6 for importance of program grains among total payments). Livestock farms (mostly cattle producers) with program commodities averaged \$1,722 in payments or less than 2 cents per dollar of farm marketings.

Nationally, 60 Percent of Farms Had Sales of Less Than \$20,000

Nationally, 60 percent of farms had sales of less than \$20,000, while under 1 percent had sales of more than \$1 million (fig. 5-4). However, some regions showed significant differences from the national mean (figs. 5-2 and 5-3). The Pacific region had the biggest share of large farms, while the Corn Belt was dominated by medium-sized farms. Appalachia and the Southern Plains had disproportionate shares of small farms with sales of less than \$20,000. The Pacific region had 7 percent of all farms but 23 percent of the farms with sales above \$1 million. The Corn Belt had 21 percent of all farms but had 26 percent of all farms with sales from \$20,000 to \$499,999. Almost 80 percent of farms in the Appalachian region had sales less than \$20,000.

Texas had the largest number of small farms in 1994, with almost 151,000 farms with sales less than \$20,000. California had an estimated 3,100 farms reporting sales over \$1 million.

Half of Farm Marketings from Farms With Sales Over \$250,000

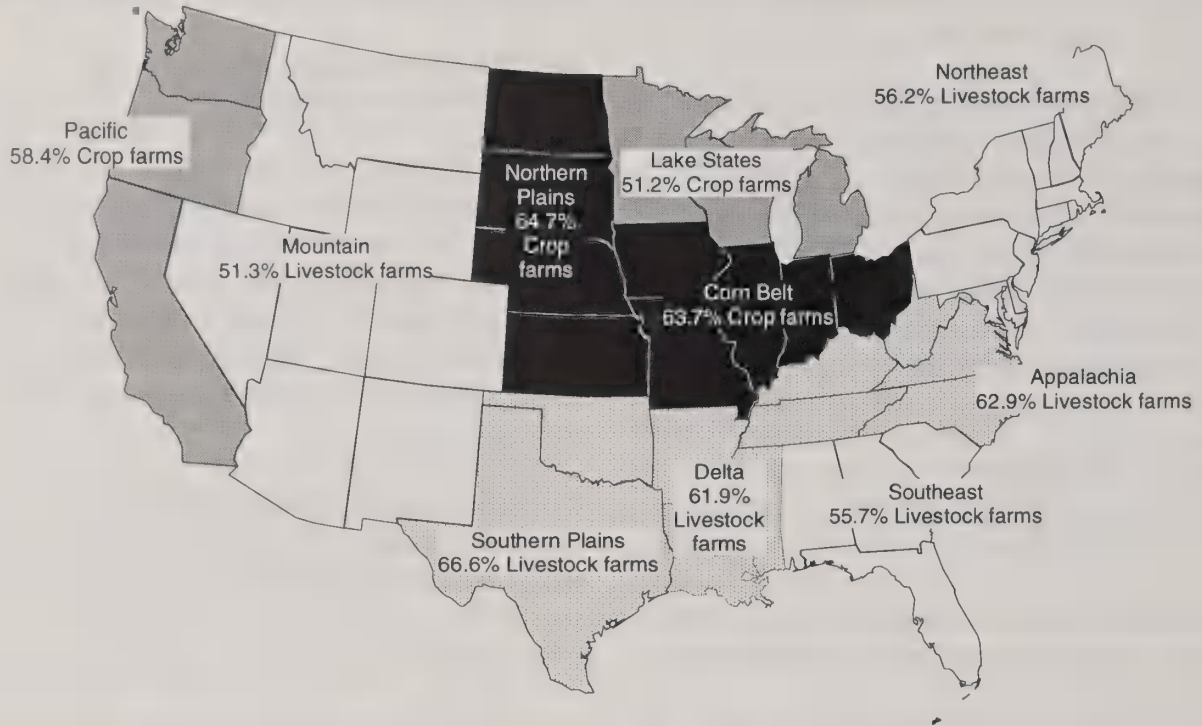
Approximately half of farm marketings came from the 6 percent of U.S. farms with sales over \$250,000 in 1994 (fig. 5-5). In 1994, only 35 percent of farms with sales less than \$20,000 had positive incomes. In comparison, 83 percent of farms with sales over \$1 million had positive incomes. Almost 90 percent of the farms in the \$250,000 to \$499,999 sales range had positive net cash incomes.

The debt position of farms tends to decline with increased sales. In 1994, over 95 percent of farms with sales under \$20,000 had debt-to-asset ratios above 40 percent compared with 71 percent of farms with sales over \$500,000.

Direct government payments per farm increase steadily with sales class, but payments per dollar of farm marketings decline with sales class. In 1994, farms with over \$1 million in sales averaged about \$23,800 in direct government payments, or less than 1 cent per dollar of farm marketings. Farms with less than \$20,000 in sales averaged \$865 in government payments, or roughly 12.4 cents per dollar of farm marketings. On an aggregate basis, farms in the \$100,000 to \$250,000 range received the largest share of government payments (fig. 5-6).

Figure 5-1
Commodity specialization by region, 1994¹

Crop and livestock farms each make up about half of the Nation's farms.



¹Operations are classified as a crop farm if over 50 percent of value of production is from crops; otherwise they are considered livestock farms.

Figure 5-2
Share of farms with sales of less than \$20,000 by region, 1994

An average of 60 percent of the Nation's farms had sales of less than \$20,000.

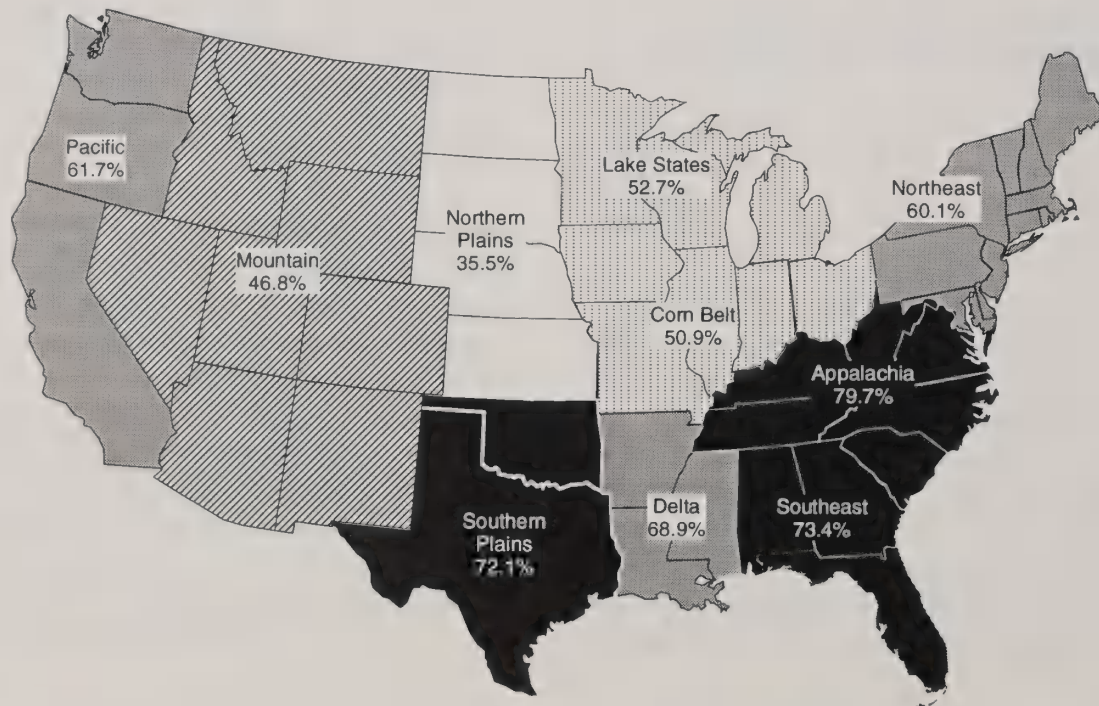


Figure 5-3

Share of farms with sales of more than \$250,000 by region, 1994

An average of 5.9 percent of the Nation's farms had sales over \$250,000

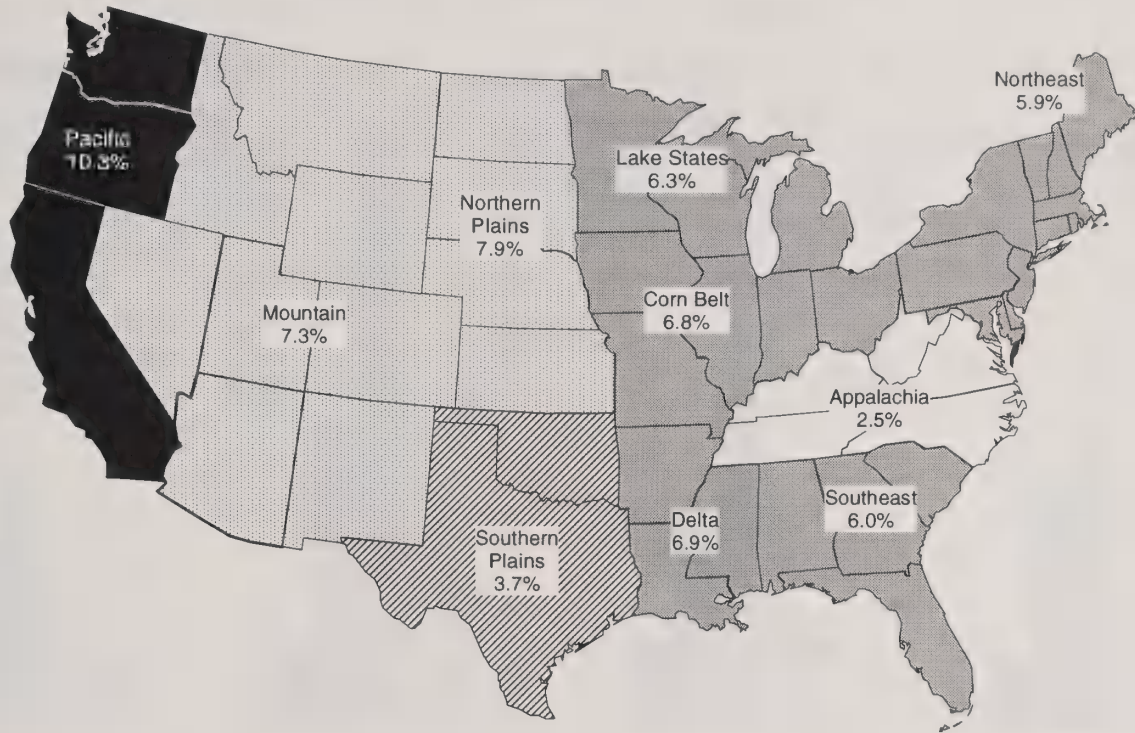


Figure 5-4

Number and share of farms in each sales class, 1994

Sixty percent of U.S. farms had sales less than \$20,000

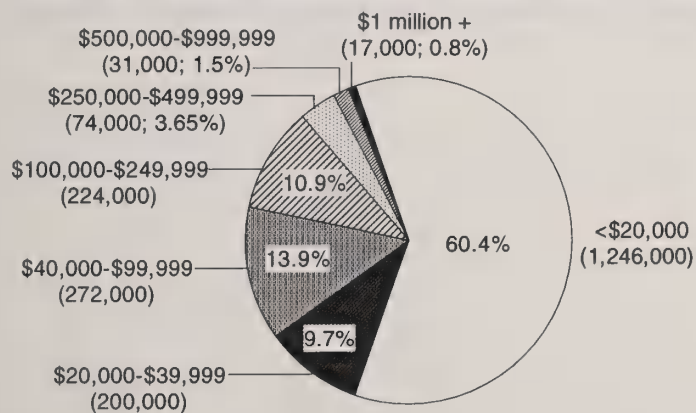


Figure 5-5

Share of marketings in each farm sales class, 1994

Half of farm marketings came from 6 percent of U.S. farms with sales over \$250,000

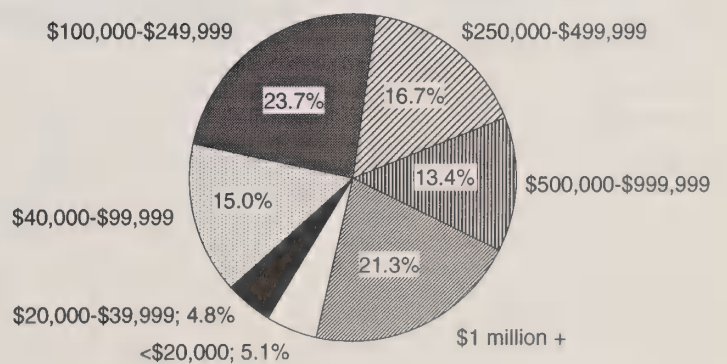
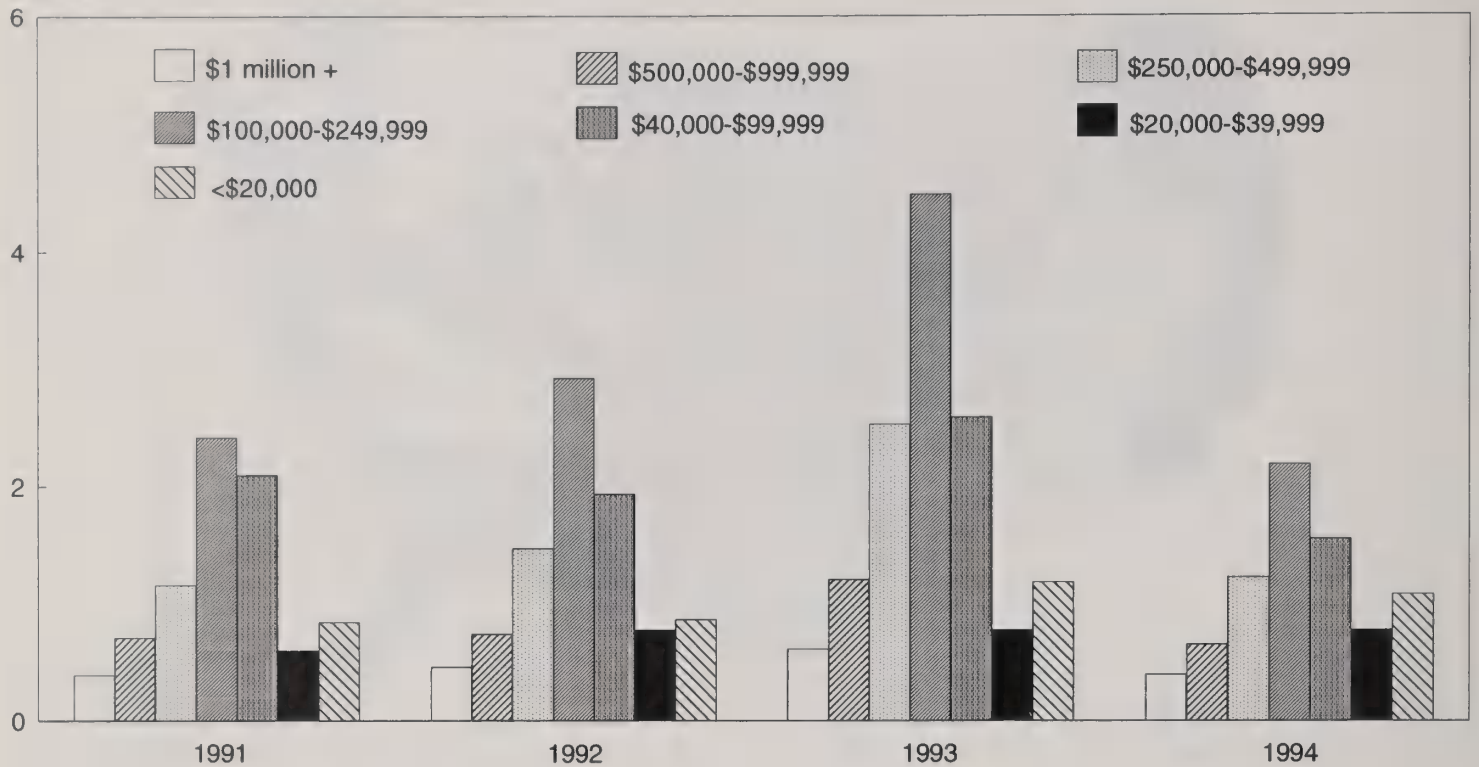


Figure 5-6

Government payments by sales class, 1991-94

Farms in the \$100,000-\$249,999 size class received largest share of government payments

\$ billion

**Table 5-1—Distribution of farms by value of sales and farm type, 1994**

Farm type	\$1,000,000 and over	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$40,000 to \$99,999	\$20,000 to \$39,999	Less than \$20,000
	Percent						
Crop	0.7	1.5	4.3	12.0	14.3	9.4	57.8
Cash grain	0.3	1.7	6.4	20.3	24.5	13.2	33.7
Livestock	0.9	1.5	2.9	9.8	12.1	10.0	62.8
Red meat	0.5	0.7	1.5	5.3	9.6	9.6	72.7
All farms	0.8	1.5	3.6	10.9	13.2	9.7	60.3

Table 5-2—Number of farms and net cash income by type of farm, 1991

Item	Crops					Livestock			
	Cash grains ¹	Cotton	Tobacco	Fruit/nuts vegetables	Total	Red meats	Poultry	Dairy	Total
<i>Thousands</i>									
Total:									
Number of farms ²	363	21	92	104	1,011	883	36	128	1,106
<i>Million dollars</i>									
Gross cash income	37,336	5,746	3,320	21,667	90,740	50,815	15,242	21,993	93,510
Cash receipts from marketings	32,271	5,119	3,153	21,247	81,719	46,310	15,168	20,818	86,031
Crops	28,210	4,992	2,858	20,979	75,598	4,933	140	934	6,403
Livestock	4,060	127	296	267	6,121	41,377	15,027	19,884	79,629
Direct government payment commodities	18,609	4,520	137	410	25,788	2,588	51	474	3,326
Price support only commodities	8,612	305	155	57	10,779	1,271	38	169	1,580
Nonsupported commodities	5,049	294	2,862	20,780	45,152	42,451	15,079	20,176	81,125
Government payments	4,153	515	37	121	6,037	1,817	10	274	2,177
Farm-related income	913	112	130	300	2,984	2,688	64	901	5,302
Cash expenses	26,610	3,623	2,438	14,559	64,677	42,129	7,727	16,714	69,186
Net cash income	10,727	2,124	882	7,108	26,063	8,686	7,515	5,279	24,324
<i>Percent</i>									
Percent of total:									
Number of farms	17.2	1	4.3	4.9	47.8	41.7	1.7	6.1	52.2
Gross cash income	20.3	3.1	1.8	11.8	49.2	27.6	8.3	11.9	50.8
Cash receipts from marketings	19.2	3.1	1.9	12.7	48.7	27.6	9	12.4	51.3
Crops	34.4	6.1	3.5	25.6	92.2	6	0.2	1.1	7.8
Livestock	4.7	0.1	0.3	0.3	7.1	48.3	17.5	23.2	92.9
Direct government payment commodities	63.9	15.5	0.5	1.4	88.6	8.9	0.2	1.6	11.4
Price support only commodities	69.7	2.5	1.3	0.5	87.2	10.3	0.3	1.4	12.8
Nonsupported commodities	4	0.2	2.3	16.5	35.8	33.6	11.9	16	64.2
Government payments	50.6	6.3	0.5	1.5	73.5	22.1	0.1	3.3	26.5
Farm-related income	11	1.4	1.6	3.6	36	32.4	0.8	10.9	64
Cash expenses	19.9	2.7	1.8	10.9	48.3	31.5	5.8	12.5	51.7
Net cash income	21.3	4.2	1.8	14.1	51.7	17.2	14.9	10.5	48.3

¹Farm types have at least 50 percent of their total value of production from the designated commodity or commodity group. Cash grains include any combination of wheat, corn, soybeans, rice, sorghum, barley, or oats.

²Farm operations may have several households sharing in the earnings of the business (for example, partners or shareholders in the farm corporation). The number of households per farm operation tends to increase as sales per farm increase.

Table 5-3—Number of farms and net cash income by type of farm, 1992

Item	Crops					Livestock			
	Cash grains ¹	Cotton	Tobacco	Fruit/nuts vegetables	Total	Red meats	Poultry	Dairy	Total
<i>Thousands</i>									
Total:									
Number of farms ²	376	16	70	93	1,012	871	28	125	1,096
<i>Million dollars</i>									
Gross cash income	42,175	5,259	3,612	20,446	95,985	47,770	17,540	23,459	92,617
Cash receipts from marketings	35,834	4,313	3,480	19,819	85,530	44,026	15,829	22,654	85,727
Crops	31,585	4,250	3,297	19,666	79,642	4,572	202	903	6,020
Livestock	4,249	62	183	153	5,889	39,454	15,627	21,751	79,707
Direct government payment commodities	20,699	3,846	170	462	27,633	2,399	69	373	3,003
Price support only commodities	9,587	208	110	48	11,368	1,196	51	197	1,537
Nonsupported commodities	5,547	259	3,200	19,308	46,530	40,431	15,709	22,084	81,187
Government payments	4,374	740	52	232	6,898	1,683	28	432	2,271
Farm-related income	1,967	207	81	395	3,557	2,061	1,683	373	4,619
Cash expenses	29,779	3,449	2,172	11,807	65,172	37,440	9,101	17,880	67,982
Net cash income	12,395	1,810	1,440	8,639	30,813	10,330	8,439	5,578	24,635
<i>Percent</i>									
Percent of total:									
Number of farms	17.9	0.7	3.3	4.4	48	41.3	1.3	5.9	52
Gross cash income	22.4	2.8	1.9	10.8	50.9	25.3	9.3	12.4	49.1
Cash receipts from marketings	20.9	2.5	2	11.6	49.9	25.7	9.2	13.2	50.1
Crops	36.9	5	3.8	23	93	5.3	0.2	1.1	7
Livestock	5	0.1	0.2	0.2	6.9	46.1	18.3	25.4	93.1
Direct government payment commodities	67.6	12.6	0.6	1.5	90.2	7.8	0.2	1.2	9.8
Price support only commodities	74.3	1.6	0.9	0.4	88.1	9.3	0.4	1.5	11.9
Nonsupported commodities	4.3	0.2	2.5	15.1	36.4	31.7	12.3	17.3	63.6
Government payments	47.7	8.1	0.6	2.5	75.2	18.4	0.3	4.7	24.8
Farm-related income	24.1	2.5	1	4.8	43.5	25.2	20.6	4.6	56.5
Cash expenses	22.4	2.6	1.6	8.9	48.9	28.1	6.8	13.4	51.1
Net cash income	22.4	3.3	2.6	15.6	55.6	18.6	15.2	10.1	44.4

¹Farm types have at least 50 percent of their total value of production from the designated commodity or commodity group. Cash grains include any combination of wheat, corn, soybeans, rice, sorghum, barley, or oats.

²Farm operations may have several households sharing in the earnings of the business (for example, partners or shareholders in the farm corporation). The number of households per farm operation tends to increase as sales per farm increase.

Table 5-4—Number of farms and net cash income by type of farm, 1993

Item	Crops				Total	Livestock			Total
	Cash grains ¹	Cotton	Tobacco	Fruit/nuts vegetables		Red meats	Poultry	Dairy	
<i>Thousands</i>									
Total:									
Number of farms ²	321	22	67	109	981	894	28	127	1,102
<i>Million dollars</i>									
Gross cash income	41,507	5,887	3,455	23,398	99,637	53,341	18,722	24,138	99,985
Cash receipts from marketings	32,709	4,291	3,273	22,008	84,159	48,676	17,812	23,069	92,978
Crops	29,747	4,241	3,135	21,935	79,718	5,633	375	1,102	7,383
Livestock	2,962	50	138	74	4,440	43,043	17,437	21,966	85,595
Direct government payment commodities	19,449	3,828	172	525	26,768	2,648	111	441	3,300
Price support only commodities	9,163	333	131	57	10,825	1,555	122	232	1,987
Nonsupported commodities	4,097	130	2,970	21,426	46,565	44,473	17,578	22,396	87,691
Government payments	6,359	1,139	93	247	9,874	2,684	32	652	3,528
Farm-related income	2,440	457	89	1,143	5,604	1,981	878	417	3,479
Cash expenses	27,457	3,681	1,899	13,943	65,847	44,689	8,961	19,381	75,682
Net cash income	14,050	2,206	1,556	9,455	33,790	8,652	9,761	4,756	24,303
<i>Percent</i>									
Percent of total:									
Number of farms	15.4	1	3.2	5.2	47.1	42.9	1.3	6.1	52.9
Gross cash income	20.8	2.9	1.7	11.7	49.9	26.7	9.4	12.1	50.1
Cash receipts from marketings	18.5	2.4	1.8	12.4	47.5	27.5	10.1	13	52.5
Crops	34.2	4.9	3.6	25.2	91.5	6.5	0.4	1.3	8.5
Livestock	3.3	0.1	0.2	0.1	4.9	47.8	19.4	24.4	95.1
Direct government payment commodities	64.7	12.7	0.6	1.7	89	8.8	0.4	1.5	11
Price support only commodities	71.5	2.6	1	0.4	84.5	12.1	1	1.8	15.5
Nonsupported commodities	3.1	0.1	2.2	16	34.7	33.1	13.1	16.7	65.3
Government payments	47.4	8.5	0.7	1.8	73.7	20	0.2	4.9	26.3
Farm-related income	26.9	5	1	12.6	61.7	21.8	9.7	4.6	38.3
Cash expenses	19.4	2.6	1.3	9.9	46.5	31.6	6.3	13.7	53.5
Net cash income	24.2	3.8	2.7	16.3	58.2	14.9	16.8	8.2	41.8

¹Farm types have at least 50 percent of their total value of production from the designated commodity or commodity group. Cash grains include any combination of wheat, corn, soybeans, rice, sorghum, barley, or oats.

²Farm operations may have several households sharing in the earnings of the business (for example, partners or shareholders in the farm corporation). The number of households per farm operation tends to increase as sales per farm increase.

Table 5-5—Number of farms and net cash income by type of farm, 1994

Item	Crops					Livestock			
	Cash grains ¹	Cotton	Tobacco	Fruit/nuts vegetables	Total	Red meats	Poultry	Dairy	Total
<i>Thousands</i>									
Total:									
Number of farms ²	404	21	69	106	1,089	769	39	117	976
<i>Million dollars</i>									
Gross cash income	45,261	7,069	2,780	26,022	105,587	43,227	19,852	24,351	91,117
Cash receipts from marketings	39,818	5,872	2,733	23,986	93,347	40,541	18,792	23,458	86,322
Crops	34,196	5,775	2,509	23,875	85,638	4,085	201	1,156	5,923
Livestock	5,622	97	224	111	7,709	36,456	18,591	22,301	80,399
Direct government payment commodities	21,685	5,050	97	686	29,492	1,978	72	438	2,702
Price support only commodities	11,115	428	161	31	12,957	1,273	48	225	1,678
Nonsupported commodities	7,018	394	2,474	23,269	50,898	37,289	18,672	22,795	81,942
Government payments	3,526	628	15	181	6,151	1,276	27	345	1,730
Farm-related income	1,917	568	33	1,854	6,090	1,410	1,034	549	3,065
Cash expenses	32,886	4,584	1,658	15,700	74,913	36,177	12,231	20,991	72,029
Net cash income	12,375	2,484	1,122	10,321	30,674	7,049	7,622	3,360	19,088
<i>Percent</i>									
Percent of total:									
Number of farms	19.6	1.0	3.3	5.1	52.7	37.2	1.9	5.7	47.3
Gross cash income	23.0	3.6	1.4	13.2	53.7	22.0	10.1	12.4	46.3
Cash receipts from marketings	22.2	3.3	1.5	13.4	52.0	22.6	10.5	13.1	48.0
Crops	37.3	6.3	2.7	26.1	93.5	4.5	0.2	1.3	6.5
Livestock	6.4	0.1	0.3	0.1	8.7	41.4	21.1	25.3	91.3
Direct government payment commodities	67.4	15.7	0.3	2.1	91.6	6.1	0.2	1.4	8.4
Price support only commodities	75.9	2.9	1.1	0.2	88.5	8.7	0.3	1.5	11.5
Nonsupported commodities	5.3	0.3	1.9	17.5	38.3	28.1	14.1	17.2	61.7
Government payments	44.7	8.0	0.2	2.3	78.0	16.2	0.3	4.4	22.0
Farm-related income	20.9	6.2	0.4	20.3	66.5	15.4	11.3	6.0	33.5
Cash expenses	22.4	3.1	1.1	10.7	51.0	24.6	8.3	14.3	49.0
Net cash income	24.9	5.0	2.3	20.7	61.6	14.2	15.3	6.8	38.4

¹Farm types have at least 50 percent of their total value of production from the designated commodity or commodity group. Cash grains include any combination of wheat, corn, soybeans, rice, sorghum, barley, or oats.

²Farm operations may have several households sharing in the earnings of the business (for example, partners or shareholders in the farm corporation). The number of households per farm operation tends to increase as sales per farm increase.

Table 5-6—Number of farms and net cash income by value of sales class, 1991

Item	\$1,000,000 and over	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$40,000 to \$99,999	\$20,000 to \$39,999	Less than \$20,000
<i>Thousands</i>							
Total:							
Number of farms ¹	12	29	70	217	312	234	1,244
<i>Million dollars</i>							
Gross cash income	36,368	23,876	29,665	43,589	28,994	10,361	11,397
Cash receipts from marketings	35,666	22,560	28,028	39,789	25,179	8,015	8,512
Direct government payment commodities	1,992	3,620	5,553	9,916	5,914	1,363	757
Price support only commodities	447	1,501	2,567	4,171	2,380	790	502
Nonsupported commodities	33,227	17,439	19,908	25,702	16,885	5,863	7,254
Government payments	394	712	1,157	2,415	2,093	600	843
Farm-related income	307	604	479	1,385	1,723	1,745	2,042
Cash expenses	26,217	15,838	20,147	30,947	19,878	7,190	13,645
Net cash income	10,151	8,038	9,518	12,642	9,117	3,170	(2,248)
<i>Percent</i>							
Percent of total:							
Number of farms	0.6	1.3	3.3	10.2	14.7	11.1	58.7
Gross cash income	19.7	13.0	16.1	23.7	15.7	5.6	6.2
Cash receipts from marketings	21.3	13.4	16.7	23.7	15.0	4.8	5.1
Direct government payment commodities	6.8	12.4	19.1	34.1	20.3	4.7	2.6
Price support only commodities	3.6	12.1	20.8	33.8	19.3	6.4	4.1
Nonsupported commodities	26.3	13.8	15.8	20.4	13.4	4.6	5.7
Government payments	4.8	8.7	14.1	29.4	25.5	7.3	10.3
Farm-related income	3.7	7.3	5.8	16.7	20.8	21.1	24.6
Cash expenses	19.6	11.8	15.1	23.1	14.8	5.4	10.2
Net cash income	20.1	16.0	18.9	25.1	18.1	6.3	-4.5

Note: Numbers in parentheses are negative.

¹Farm operations may have several households sharing in the earnings of the business (for example, partners or shareholders in the farm corporation). The number of households per farm operation tends to increase as sales per farm increase.

Table 5-7—Number of farms and net cash income by value of sales class, 1992

Item	\$1,000,000 and over	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$40,000 to \$99,999	\$20,000 to \$39,999	Less than \$20,000
<i>Thousands</i>							
Total:							
Number of farms ¹	13	28	68	219	304	235	1,240
<i>Million dollars</i>							
Gross cash income	40,058	24,820	29,873	45,758	28,847	9,360	9,886
Cash receipts from marketings	38,263	22,944	27,325	40,881	25,477	8,135	8,233
Direct government payment commodities							
Price support only commodities	495	1,188	2,878	4,448	2,660	779	457
Nonsupported commodities	35,476	18,065	18,541	26,346	16,629	5,717	6,943
Government payments	457	742	1,472	2,922	1,935	776	864
Farm-related income	1,337	1,134	1,077	1,955	1,434	450	788
Cash expenses	23,563	15,734	20,308	31,684	20,465	7,513	13,887
Net cash income	16,495	9,086	9,565	14,074	8,381	1,847	(4,001)
<i>Percent</i>							
Percent of total:							
Number of farms	0.6	1.4	3.2	10.4	14.4	11.1	58.8
Gross cash income	21.2	13.2	15.8	24.3	15.3	5.0	5.2
Cash receipts from marketings	22.3	13.4	16.0	23.9	14.9	4.7	4.8
Direct government payment commodities	7.5	12.0	19.3	32.9	20.2	5.3	2.7
Price support only commodities	3.8	9.2	22.3	34.5	20.6	6.0	3.5
Nonsupported commodities	27.8	14.1	14.5	20.6	13.0	4.5	5.4
Government payments	5.0	8.1	16.0	31.9	21.1	8.5	9.4
Farm-related income	16.4	13.9	13.2	23.9	17.5	5.5	9.6
Cash expenses	17.7	11.8	15.3	23.8	15.4	5.6	10.4
Net cash income	29.7	16.4	17.3	25.4	15.1	3.3	-7.2

Note: Numbers in parentheses are negative.

¹Farm operations may have several households sharing in the earnings of the business (for example, partners or shareholders in the farm corporation). The number of households per farm operation tends to increase as sales per farm increase.

Table 5-8—Number of farms and net cash income by value of sales class, 1993

Item	\$1,000,000 and over	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$40,000 to \$99,999	\$20,000 to \$39,999	Less than \$20,000
<i>Thousands</i>							
Total:							
Number of farms ¹	15	31	71	225	275	227	1,240
<i>Million dollars</i>							
Gross cash income	45,354	27,580	33,284	46,393	27,454	9,064	10,494
Cash receipts from marketings	43,704	25,231	29,442	39,636	23,087	7,753	8,286
Direct government payment commodities	2,929	3,657	6,733	10,093	4,955	1,132	569
Price support only commodities	784	1,711	2,579	4,512	2,151	607	469
Nonsupported commodities	39,990	19,863	20,129	25,031	15,980	6,014	7,249
Government payments	613	1,209	2,534	4,492	2,592	776	1,186
Farm-related income	1,037	1,140	1,308	2,265	1,776	535	1,022
Cash expenses	32,697	18,128	21,506	31,415	18,614	7,006	12,164
Net cash income	12,657	9,452	11,778	14,978	8,841	2,058	(1,671)
<i>Percent</i>							
Percent of total:							
Number of farms	0.7	1.5	3.4	10.8	13.2	10.9	59.5
Gross cash income	22.7	13.8	16.7	23.2	13.8	4.5	5.3
Cash receipts from marketings	24.7	14.2	16.6	22.4	13.0	4.4	4.7
Direct government payment commodities	9.7	12.2	22.4	33.6	16.5	3.8	1.9
Price support only commodities	6.1	13.4	20.1	35.2	16.8	4.7	3.7
Nonsupported commodities	29.8	14.8	15.0	18.6	11.9	4.5	5.4
Government payments	4.6	9.0	18.9	33.5	19.3	5.8	8.9
Farm-related income	11.4	12.6	14.4	24.9	19.6	5.9	11.2
Cash expenses	23.1	12.8	15.2	22.2	13.2	5.0	8.6
Net cash income	21.8	16.3	20.3	25.8	15.2	3.5	-2.9

Note: Numbers in parentheses are negative.

¹Farm operations may have several households sharing in the earnings of the business (for example, partners or shareholders in the farm corporation). The number of households per farm operation tends to increase as sales per farm increase.

Table 5-9—Number of farms and net cash income by value of sales class, 1994

Item	\$1,000,000 and over	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$40,000 to \$99,999	\$20,000 to \$39,999	Less than \$20,000
<i>Thousands</i>							
Total:							
Number of farms ¹	17	31	74	224	272	200	1,246
<i>Million dollars</i>							
Gross cash income	44,369	28,475	31,356	45,871	25,702	9,361	11,569
Cash receipts from marketings	42,294	26,513	28,974	41,849	22,919	8,132	8,987
Direct government payment commodities	2,799	4,429	7,511	10,657	4,874	1,059	864
Price support only commodities	692	1,526	3,301	5,283	2,595	636	602
Nonsupported commodities	38,804	20,558	18,162	25,909	15,450	6,437	7,520
Government payments	400	655	1,228	2,189	1,555	775	1,080
Farm-related income	1,676	1,307	1,154	1,834	1,227	454	1,503
Cash expenses	33,832	19,349	22,350	32,870	17,472	6,769	14,301
Net cash income	10,538	9,127	9,006	13,001	8,230	2,592	(2,732)
<i>Percent</i>							
Percent of total:							
Number of farms	0.8	1.5	3.6	10.9	13.2	9.7	60.3
Gross cash income	22.6	14.5	15.9	23.3	13.1	4.8	5.9
Cash receipts from marketings	23.5	14.8	16.1	23.3	12.8	4.5	5.0
Direct government payment commodities	8.7	13.8	23.3	33.1	15.1	3.3	2.7
Price support only commodities	4.7	10.4	22.6	36.1	17.7	4.3	4.1
Nonsupported commodities	29.2	15.5	13.7	19.5	11.6	4.8	5.7
Government payments	5.1	8.3	15.6	27.8	19.7	9.8	13.7
Farm-related income	18.3	14.3	12.6	20.0	13.4	5.0	16.4
Cash expenses	23.0	13.2	15.2	22.4	11.9	4.6	9.7
Net cash income	21.2	18.3	18.1	26.1	16.5	5.2	-5.5

Note: Numbers in parentheses are negative.

¹Farm operations may have several households sharing in the earnings of the business (for example, partners or shareholders in the farm corporation). The number of households per farm operation tends to increase as sales per farm increase.

Government Payments in 1994 Dropped to Lowest Level in a Decade

Domestic farm programs continue to be important for farmers. These programs can be categorized into four major types: direct payments, marketing quotas, marketing orders, and import restrictions. Only payments made directly to farmers are explicitly included in USDA's farm income accounts. Direct payments have generally been associated with legislation enacted to benefit producers of feed grains, food grains, and cotton, typically in combination with mandatory land diversion requirements to reduce the government's exposure to program costs. Benefits to farmers from the other three types of programs are realized indirectly through higher prices received for commodities sold.

For tobacco and peanuts, quotas have been the principal means to limit sales and raise prices. Producers of milk and selected fruits and vegetables have been empowered to use marketing orders to control sales by rationing the quantities available for specific uses. The strategy is typically that of raising prices for that segment of the market returning the highest income to producers, fluid milk in the case of dairy and fresh produce for fruit and vegetables. The balance of the production is then restricted to sales for processing and manufacturing uses. Import restrictions have been legislated for sugar and to a lesser extent for other farm commodities.

Only Payments Made Directly to Farmers Reflected in Farm Income Accounts

Government payments reflected in the farm income accounts represent nonrecoverable payments made directly to producers participating in various farm programs. The primary objectives of farm commodity programs and conservation policies instituted through direct government payments have been to support prices through restricting the supply of specific commodities (Acreage Reduction Program, etc.), to support farm incomes directly through cash transfers to farm operators (deficiency payments, etc.), to support farm income in times of adverse weather or natural catastrophes (disaster payments), and to maintain quality production and environmental controls through conservation reserve programs (Wetlands Reserve Program, etc). The largest component of government

payments is deficiency payments to producers of feed grains, wheat, rice, and cotton (representing 48 percent of total payments in 1994). Farmers who voluntarily comply with acreage reductions and conservation requirements are eligible for deficiency payments.

Government Payments in 1994 Lowest Since 1985

Government payments of \$7.9 billion in 1994 were the lowest they had been since 1985 (fig. 6-1). Total 1994 payments were down 41 percent from the \$13.4 billion in 1993. It is important to understand that 1993 payments had risen 46 percent (\$4.2 billion) from the previous year, to the highest level since 1988. In 1993, farmers had experienced adversity on three fronts. Crop prices fell sharply following the record harvests in 1992, making farmers eligible for substantial deficiency payments, a portion of which were paid in the first quarter of 1993. Farms suffering losses from natural disasters qualified for benefits from various government programs, which contributed to the rise in government payments in 1993. Disaster payments increased 22 percent from 1992 to 1993, in response to weather-related catastrophes in different parts of the country. In the late spring and early summer, farmers in the Midwest experienced disastrous losses in crops, facilities, and even soil from flooding along the Mississippi and its tributaries. Minnesota and Iowa, hard hit by the flooding, registered the largest increases in disaster payments in 1993. South Dakota, Missouri, and Wisconsin also received significant increases in disaster assistance in 1993. Producers in the Southeast suffered significant losses through drought conditions; disaster payments to North Carolina, South Carolina, and Florida increased greatly in 1993.

Because the accounting period for government programs is typically on either fiscal or crop marketing years, payments of deficiency and disaster benefits overlap 2 calendar years. The major share of the \$8.6 billion in deficiency payments paid in calendar 1993 (87 percent) were disbursed in the first two quarters. The largest component of the 1993 payments was for feed grains (56 percent), stemming from low feed grain prices following the large 1992 harvest.

The disbursement of the greatest share (89 percent) of the \$3.7 billion deficiency payments in calendar 1994 also took place in the first two quarters. In contrast to 1993, wheat producers received 31 percent of total deficiency payments in 1994 compared with 38 percent received by feed grain producers. Disaster payments, a consequence of the climatic disasters in the 1993 crop year, were \$1.5 billion in both calendar years 1993 and 1994. Disbursement of disaster payments did not start until the third quarter of 1993, and 86 percent of the 1994 funds were disbursed by the end of the first quarter. Minnesota and Iowa ranked as the top States in value of disaster payments received in 1994.

Government payments' portion of farm sector cash receipts varies from year to year, ranging from 4 to 6.7 percent in the 1990's (fig. 6-2). In 1994, government payments, at 4 percent, were the smallest share of cash receipts registered in a decade. Government payments in 1994 were down from 1993 in nearly every category (fig. 6-3).

Texas Largest Recipient of Government Payments in 1994; 12 States Accounted for Two-Thirds

Commodity program recipients vary in type and magnitude across States, depending on the State's production specialty, environmental and conservational needs, as well as acreage operated (fig. 6-4). Texas was the largest recipient of payments in 1994 with \$863 million. Cotton and conservation programs were major components of payments to producers in this State. Iowa and Minnesota followed Texas as recipients of government payments, reflecting the disaster payments they received. Twelve States (those three plus Kansas, North Dakota, Nebraska, Illinois, Arkansas, South Dakota, California, Missouri, and Montana) garnered 66 percent of the total government payments to the farm sector in 1994. For each of those States, government payments were a smaller share of gross cash income in 1994 than in 1993 (fig. 6-5). The annual changes in the distribution of payments across States reflect changes in the overall farm sector and U.S. economic environment, crop yields, weather conditions, market prices, and any modifications in farm legislation.

Figure 6-1
Government payments, 1985-94
Government payments in 1994 were the lowest since 1985

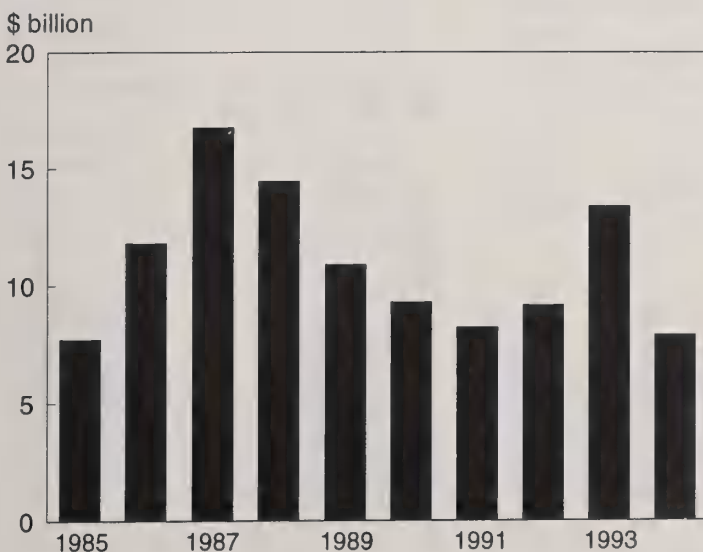


Figure 6-2
Government payments as a share of gross cash income, 1985-94
Government payments are a small share of rising national gross cash income

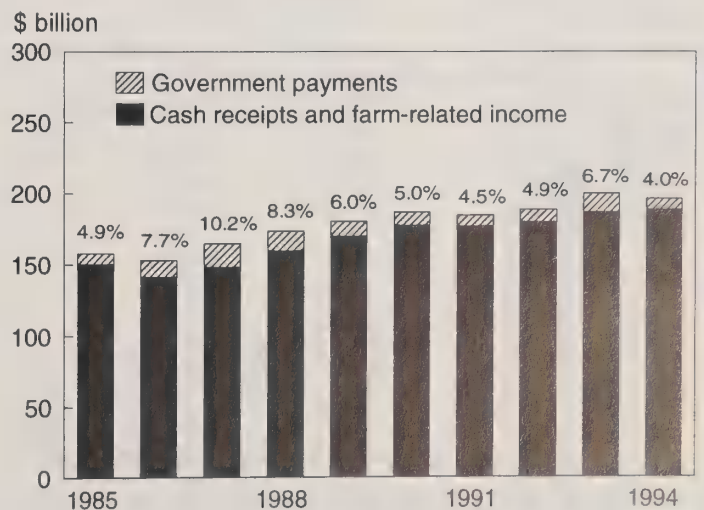


Figure 6-3

Government payments by type of program, 1993 and 1994

Government payments fell in 1994 for nearly all types of programs

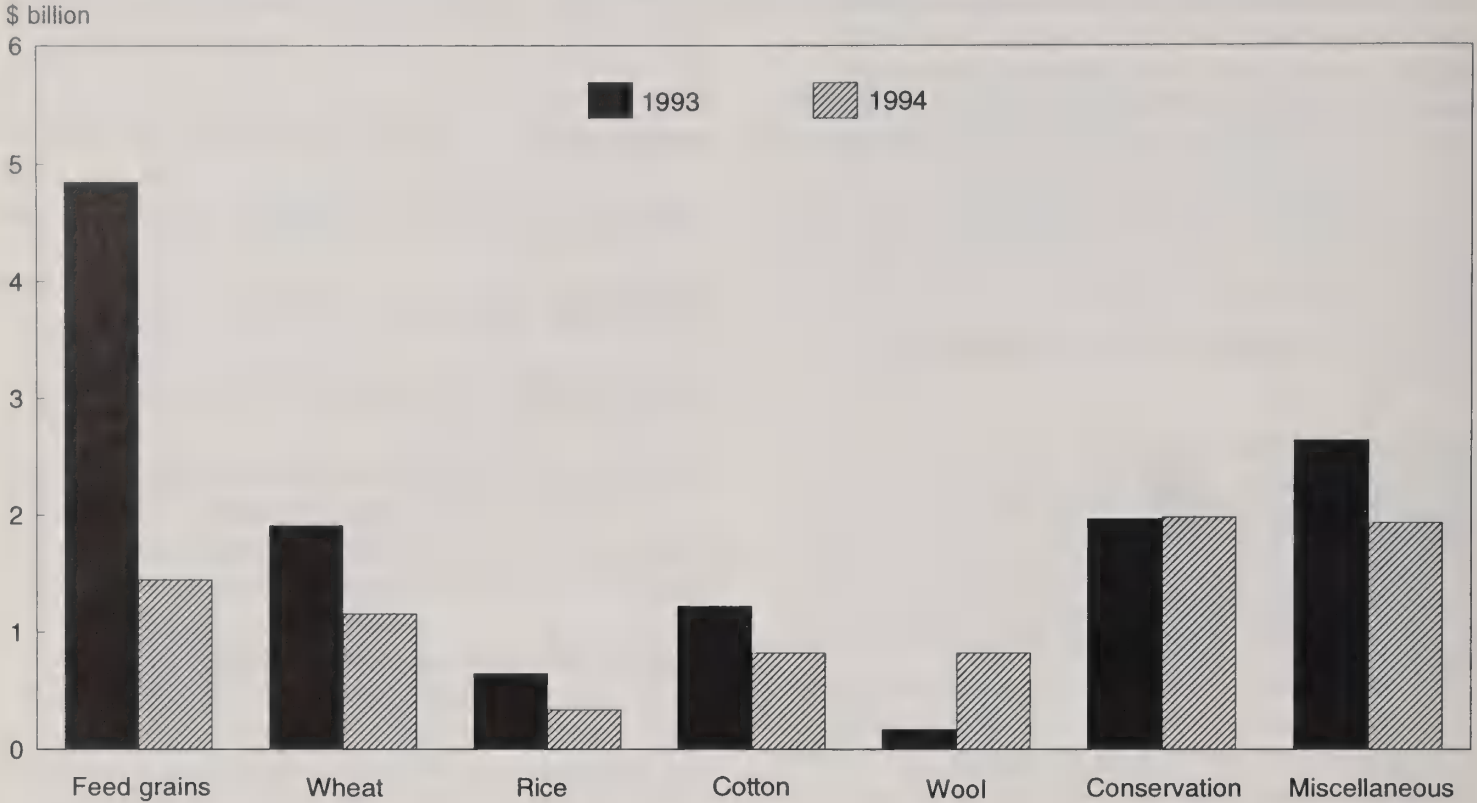


Figure 6-4

Top 12 States to receive government payments by program, 1994

Government payments to 12 States represented 66 percent of the 1994 total

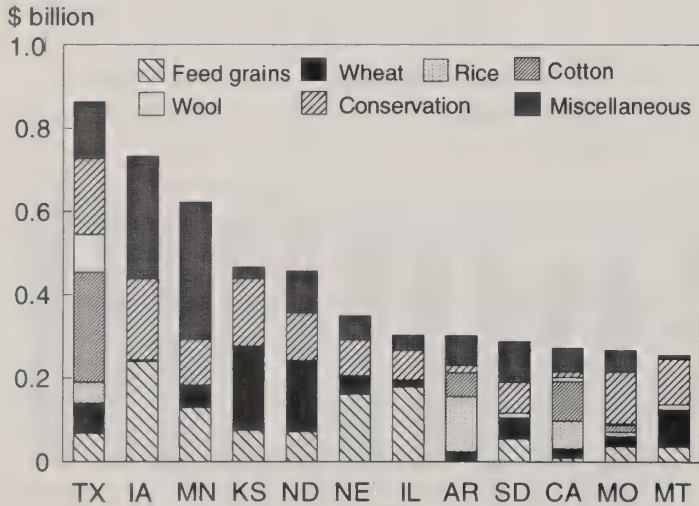


Figure 6-5

Government payments as a share of gross cash income by top 12 States, 1993 and 1994

Government payments were smaller share of gross cash income in 1994

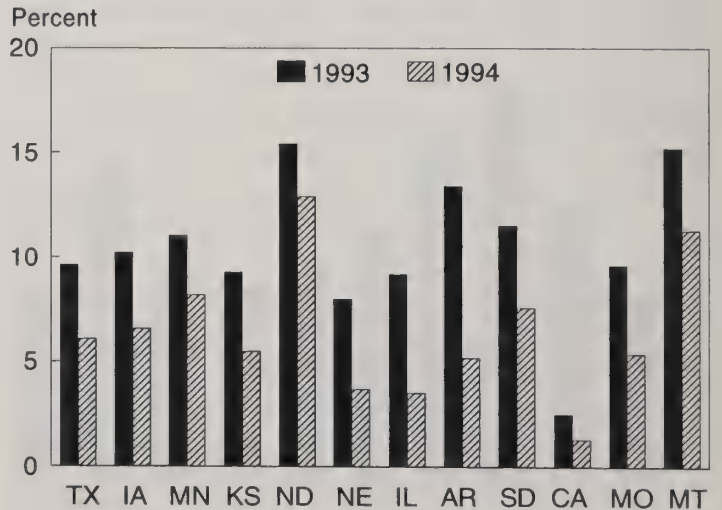


Table 6-1—Government payments by program and State, 1990

State	Feed grains	Wheat	Rice	Cotton	Wool Act	Conservation ¹	Miscellaneous ²	Total
<i>1,000 dollars</i>								
Alabama	6,728	6,655	0	17,823	19	30,481	20,520	82,226
Alaska	27	0	0	0	0	975	115	1,117
Arizona	2,214	5,370	0	29,307	1,488	1,706	3,264	43,349
Arkansas	11,901	45,942	185,015	27,544	109	16,860	25,325	312,696
California	6,340	27,752	92,150	57,995	4,463	14,452	49,181	252,333
Colorado	37,355	83,713	0	0	3,690	88,699	23,266	236,723
Connecticut	465	0	0	0	12	446	1,200	2,123
Delaware	1,613	339	0	0	3	298	960	3,213
Florida	3,599	1,266	70	1,213	4	8,887	22,116	37,155
Georgia	22,174	22,781	0	14,603	12	32,726	38,297	130,593
Hawaii	0	0	0	0	9	510	0	519
Idaho	1,987	76,273	0	0	1,546	39,750	13,875	133,431
Illinois	367,119	43,381	0	0	346	56,892	38,865	506,603
Indiana	173,796	22,445	0	0	158	32,304	15,467	244,170
Iowa	507,923	928	0	0	1,206	171,218	72,458	753,733
Kansas	160,106	409,156	0	16	924	168,149	96,395	834,746
Kentucky	35,240	10,673	0	0	87	28,992	6,618	81,610
Louisiana	6,113	6,695	71,644	36,937	14	9,830	23,398	154,631
Maine	540	2	0	0	26	4,570	1,844	6,982
Maryland	7,873	2,123	0	0	43	2,514	4,833	17,386
Massachusetts	178	0	0	0	17	659	2,169	3,023
Michigan	84,258	25,576	0	0	618	16,996	41,383	168,831
Minnesota	221,961	109,121	0	0	756	105,459	74,462	511,759
Mississippi	6,092	14,162	36,611	65,325	8	37,860	25,911	185,969
Missouri	82,564	63,078	12,794	9,103	695	103,071	27,760	299,065
Montana	5,314	159,482	0	0	3,609	111,342	19,852	299,599
Nebraska	351,287	96,746	0	0	720	81,036	94,857	624,646
Nevada	37	627	0	0	437	1,012	3,234	5,347
New Hampshire	154	0	0	0	16	677	1,009	1,856
New Jersey	2,531	555	0	0	11	670	11,977	15,744
New Mexico	9,992	11,271	0	3,128	3,955	21,017	14,477	63,840
New York	24,122	5,383	0	0	160	8,204	21,435	59,304
North Carolina	29,562	9,984	0	4,393	38	11,918	17,360	73,255
North Dakota	22,887	330,490	0	0	890	121,070	70,041	545,378
Ohio	100,718	34,307	0	0	728	22,184	39,069	197,006
Oklahoma	11,096	219,124	158	9,896	2,251	55,596	20,919	319,040
Oregon	1,714	47,853	0	0	1,378	29,053	9,139	89,137
Pennsylvania	13,265	1,599	0	0	246	10,624	15,680	41,414
Rhode Island	0	0	0	0	2	171	18	191
South Carolina	14,514	11,873	0	6,881	1	19,307	10,061	62,637
South Dakota	83,199	98,811	0	0	3,185	83,753	63,903	332,851
Tennessee	16,096	12,441	65	16,047	27	26,966	19,387	91,029
Texas	146,910	141,235	66,373	140,469	53,669	180,542	245,504	974,702
Utah	695	5,914	0	0	2,852	11,380	14,056	34,897
Vermont	502	2	0	0	43	2,139	3,107	5,793
Virginia	11,338	5,307	0	77	363	8,003	7,290	32,378
Washington	4,082	131,118	0	0	310	56,716	13,199	205,425
West Virginia	1,530	118	0	0	192	2,306	1,903	6,049
Wisconsin	99,779	3,267	0	0	226	45,865	32,106	181,243
Wyoming	1,683	6,362	0	0	4,633	12,286	6,319	31,283
United States	2,701,173	2,311,300	464,880	440,757	96,195	1,898,141	1,385,584	9,298,030

¹Includes amount paid under agriculture and conservation programs (Conservation Bonus, Conservation Reserve, Agricultural Conservation, Emergency Conservation, and Great Plains Program).

²Programs included are Rural Clean Water, Clean Lakes, Forestry Incentive, Water Bank, Dairy Indemnity, Dairy Termination, Emergency Feed, Extended Warehouse Storage, Extended Farm Storage, Colorado River Salinity, Livestock Emergency Assistance, Interest Penalty Payments, Disaster Program Crops, Disaster Program Non-crops, Milk Diversion, Loan Deficiency, Disaster, Naval Stores, and Animal Waste Management.

Table 6-2—Government payments by program and State, 1991

State	Feed grains	Wheat	Rice	Cotton	Wool Act	Conservation ¹	Miscellaneous ²	Total
<i>1,000 dollars</i>								
Alabama	6,070	5,348	0	16,231	57	29,094	9,550	66,350
Alaska	78	0	0	0	1	1,155	51	1,285
Arizona	2,364	4,305	0	26,225	1,883	1,632	4,084	40,493
Arkansas	8,740	40,880	220,662	23,669	147	17,423	41,229	352,750
California	8,942	32,741	102,428	48,991	8,968	13,218	45,537	260,825
Colorado	36,302	83,243	0	0	6,360	85,241	5,956	217,102
Connecticut	437	0	0	0	26	579	309	1,351
Delaware	1,814	329	0	0	3	418	112	2,676
Florida	3,150	1,104	193	1,172	5	8,645	26,517	40,786
Georgia	19,522	18,443	0	13,611	6	31,716	14,377	97,675
Hawaii	0	0	0	0	19	815	72	906
Idaho	14,924	78,399	0	0	3,497	39,770	4,660	141,250
Illinois	346,543	36,533	0	0	547	56,030	1,754	441,407
Indiana	159,434	16,613	0	0	234	32,062	1,712	210,055
Iowa	469,701	656	0	0	2,059	168,889	3,650	644,955
Kansas	137,135	394,034	0	21	1,730	161,048	3,927	697,895
Kentucky	33,409	9,030	0	0	131	28,998	1,848	73,416
Louisiana	5,040	6,036	87,818	33,017	14	9,450	33,230	174,605
Maine	592	3	0	0	77	4,762	632	6,066
Maryland	8,297	1,680	0	0	62	2,464	2,839	15,342
Massachusetts	165	0	0	0	38	530	761	1,494
Michigan	79,344	20,238	0	0	667	17,633	5,809	123,691
Minnesota	221,988	93,583	0	0	1,391	103,525	15,332	435,819
Mississippi	5,178	12,726	43,455	57,674	10	37,046	20,209	176,298
Missouri	75,842	51,567	15,830	7,352	852	104,526	12,646	268,615
Montana	33,557	163,465	0	0	8,425	108,995	5,691	320,133
Nebraska	318,372	87,731	0	0	1,163	80,915	2,478	490,659
Nevada	191	637	0	0	965	734	3,152	5,679
New Hampshire	141	0	0	0	29	790	517	1,477
New Jersey	2,415	556	0	0	14	598	468	4,051
New Mexico	9,242	11,158	0	2,760	7,369	21,352	6,566	58,447
New York	23,847	4,638	0	0	236	8,225	4,296	41,242
North Carolina	26,548	7,385	0	3,893	55	10,774	4,182	52,837
North Dakota	83,509	299,967	0	0	1,720	116,560	32,097	533,853
Ohio	100,348	26,899	0	0	939	23,724	4,798	156,708
Oklahoma	9,269	208,695	175	10,193	2,910	54,739	4,941	290,922
Oregon	4,115	47,485	0	0	2,261	29,884	5,360	89,105
Pennsylvania	13,822	1,413	0	0	374	10,032	8,723	34,364
Rhode Island	1	0	0	0	6	91	12	110
South Carolina	13,430	9,812	0	6,474	0	14,971	4,677	49,364
South Dakota	96,842	92,281	0	0	6,831	77,302	12,981	286,237
Tennessee	14,854	10,589	91	14,561	45	26,778	3,413	70,331
Texas	125,392	136,112	79,377	140,985	73,554	178,157	44,348	777,925
Utah	2,473	7,021	0	0	5,648	10,969	7,086	33,197
Vermont	468	3	0	0	89	1,650	1,129	3,339
Virginia	11,286	3,995	0	74	609	7,369	3,283	26,616
Washington	17,317	128,799	0	0	613	55,273	4,082	206,084
West Virginia	1,429	104	0	0	291	2,045	1,552	5,421
Wisconsin	92,658	2,639	0	0	385	47,177	7,091	149,950
Wyoming	2,116	6,797	0	0	10,204	12,410	1,714	33,241
United States	2,648,653	2,165,672	550,02	9406,903	153,519	1,858,183	431,440	8,214,399

¹Includes amount paid under agriculture and conservation programs (Conservation Reserve, Agricultural Conservation, Emergency Conservation, and Great Plains Program).

²Programs included are Rural Clean Water, Clean Lakes, Forestry Incentive, Water Bank, Dairy Indemnity, Dairy Termination, Emergency Feed, Extended Warehouse Storage, Extended Farm Storage, Colorado River Salinity, Livestock Emergency Assistance, Interest Penalty Payments, Disaster, Milk Diversion, Loan Deficiency, and Market Gains.

Table 6-3—Government payments by program and State, 1992

State	Feed grains	Wheat	Rice	Cotton	Wool Act	Conservation ¹	Miscellaneous ²	Total
<i>1,000 dollars</i>								
Alabama	4,086	4,165	0	28,731	101	29,144	52,905	119,132
Alaska	118	0	0	0	10	1,095	471	1,694
Arizona	2,330	4,813	0	46,592	2,074	1,481	18,290	75,580
Arkansas	6,969	25,758	198,861	45,173	303	17,658	115,304	410,026
California	10,643	23,134	103,570	91,232	10,794	13,479	177,530	430,382
Colorado	36,381	54,185	0	0	7,625	84,998	20,045	203,234
Connecticut	438	0	0	0	41	582	1,156	2,217
Delaware	1,819	237	0	0	7	537	376	2,976
Florida	2,327	560	273	2,457	15	14,569	32,884	53,085
Georgia	14,791	13,197	0	25,525	41	32,954	95,792	182,300
Hawaii	0	0	0	0	15	731	1,076	1,822
Idaho	16,101	50,781	0	0	4,752	42,514	23,247	137,395
Illinois	345,505	23,974	0	0	670	62,406	48,096	480,651
Indiana	157,033	10,982	0	0	336	35,245	28,922	232,518
Iowa	449,568	319	0	0	2,816	175,822	33,753	662,278
Kansas	123,952	249,608	0	39	2,272	157,719	58,555	592,145
Kentucky	28,989	6,209	0	0	192	29,615	7,120	72,125
Louisiana	4,070	4,339	78,784	60,908	27	10,389	112,318	270,835
Maine	503	1	0	0	97	4,635	5,017	10,253
Maryland	7,549	1,054	0	0	130	2,864	4,470	16,067
Massachusetts	145	0	0	0	72	836	3,708	4,761
Michigan	74,688	14,569	0	0	890	20,733	31,629	142,509
Minnesota	208,034	63,480	0	0	2,180	106,692	41,637	422,023
Mississippi	3,568	6,649	40,763	103,746	9	39,696	85,473	279,904
Missouri	67,963	31,481	15,027	14,174	1,306	110,132	53,562	293,645
Montana	34,840	105,910	0	0	11,541	108,749	37,733	298,773
Nebraska	305,462	53,412	0	0	1,620	83,662	34,573	478,729
Nevada	237	603	0	0	1,118	837	8,449	11,244
New Hampshire	125	0	0	0	57	798	570	1,550
New Jersey	2,020	360	0	0	44	671	7,600	10,695
New Mexico	7,854	7,372	0	4,224	8,173	21,106	11,538	60,267
New York	21,096	3,018	0	0	407	7,487	15,864	47,872
North Carolina	21,048	5,400	0	9,964	85	10,809	27,499	74,805
North Dakota	75,561	202,923	0	0	2,933	109,955	51,784	443,156
Ohio	96,457	19,087	0	0	1,331	28,335	20,912	166,122
Oklahoma	8,063	126,992	187	18,202	2,648	54,841	37,389	248,322
Oregon	4,677	30,395	0	0	3,919	29,882	18,601	87,474
Pennsylvania	13,335	968	0	0	568	10,008	23,886	48,765
Rhode Island	1	0	0	0	5	121	181	308
South Carolina	10,892	6,792	0	11,717	5	13,859	29,323	72,588
South Dakota	88,340	58,450	0	0	10,348	73,891	40,870	271,899
Tennessee	12,221	6,728	92	28,911	92	27,603	40,219	115,866
Texas	107,439	89,920	74,743	259,358	81,655	179,671	369,253	1,162,039
Utah	2,344	4,016	0	0	7,820	11,212	10,580	35,972
Vermont	413	1	0	0	168	2,057	2,911	5,550
Virginia	9,525	2,971	0	224	755	7,331	8,266	29,072
Washington	17,636	82,019	0	0	799	56,594	31,695	188,743
West Virginia	1,254	75	0	0	408	2,100	3,025	6,862
Wisconsin	88,977	1,742	0	0	541	48,774	25,993	166,027
Wyoming	1,886	4,039	0	0	14,267	12,542	3,929	36,663
United States	2,499,273	1,402,688	512,300	751,177	188,082	1,899,421	1,915,979	9,168,920

¹Includes amount paid under agriculture and conservation programs (Conservation Reserve, Agricultural Conservation, Emergency Conservation, and Great Plains Program).

²Programs included are Rural Clean Water, Forest Incentive, Water Bank, Dairy Indemnity, Dairy Termination, Extended Warehouse Storage, Extended Farm Storage, Colorado River Salinity, Livestock Emergency Assistance, Interest Penalty Payments, Disaster, Loan Deficiency, Market Gains, Naval Stores Conservation, Milk Marketing Fee, Animal Waste Management, and Interest on CCC-6S.

Table 6-4—Government payments by program and State, 1993

State	Feed grains	Wheat	Rice	Cotton	Wool Act	Conservation ¹	Miscellaneous ²	Total
<i>1,000 dollars</i>								
Alabama	6,327	4,572	0	47,707	105	30,614	47,915	137,240
Alaska	131	0	0	0	3	1,170	485	1,789
Arizona	2,988	5,263	0	82,204	1,897	1,662	19,864	113,878
Arkansas	12,045	34,321	257,938	79,016	340	17,709	303,298	704,667
California	15,093	30,023	127,013	138,427	8,915	14,144	188,531	522,146
Colorado	67,371	73,212	0	0	7,054	85,229	17,387	250,253
Connecticut	911	0	0	0	32	603	1,346	2,892
Delaware	3,585	406	0	0	9	509	1,735	6,244
Florida	3,566	781	288	5,104	7	22,573	78,361	110,680
Georgia	24,062	16,468	0	46,249	28	32,522	106,164	225,493
Hawaii	0	0	0	0	19	1,990	1,122	3,131
Idaho	22,521	72,937	0	0	4,455	43,081	16,322	159,316
Illinois	706,713	36,749	0	0	643	67,869	39,216	851,190
Indiana	315,829	16,445	0	0	289	38,455	7,935	378,953
Iowa	916,663	356	0	0	2,504	185,497	124,524	1,229,544
Kansas	245,269	328,468	0	57	1,694	157,789	50,686	783,963
Kentucky	54,479	8,635	8	0	169	30,937	2,469	96,697
Louisiana	7,457	5,448	103,360	105,898	36	14,094	131,064	367,357
Maine	844	1	0	0	88	4,608	14,126	19,667
Maryland	15,206	2,358	0	0	116	2,699	5,910	26,289
Massachusetts	311	0	0	0	52	602	2,678	3,643
Michigan	140,984	17,551	0	0	747	24,651	57,409	241,342
Minnesota	418,196	86,865	0	0	1,697	107,283	209,209	823,250
Mississippi	5,903	9,622	49,538	169,729	21	42,303	106,675	383,791
Missouri	136,742	43,226	19,995	26,296	1,276	114,810	113,019	455,364
Montana	45,115	148,179	0	0	10,538	110,096	24,080	338,008
Nebraska	601,962	71,262	0	0	1,448	83,600	48,001	806,273
Nevada	227	700	0	0	1,380	951	3,755	7,013
New Hampshire	243	0	0	0	55	1,060	584	1,942
New Jersey	3,702	461	0	0	31	632	2,472	7,298
New Mexico	14,025	9,164	0	7,729	7,851	21,261	16,412	76,442
New York	39,089	4,013	0	0	440	8,381	20,363	72,286
North Carolina	39,889	7,982	0	24,192	94	10,537	49,754	132,448
North Dakota	107,244	284,749	0	0	2,724	110,839	58,975	564,531
Ohio	192,042	27,545	0	0	1,162	32,776	11,849	265,374
Oklahoma	15,823	167,738	215	28,448	2,617	54,751	54,357	323,949
Oregon	5,816	42,533	0	0	2,766	30,023	11,668	92,806
Pennsylvania	25,561	1,359	0	0	574	10,253	7,404	45,151
Rhode Island	3	0	0	0	4	132	1	140
South Carolina	17,547	9,309	0	19,774	2	14,760	41,120	102,512
South Dakota	165,187	83,370	0	0	8,515	75,221	100,131	432,424
Tennessee	22,535	9,100	111	51,160	86	28,158	49,474	160,624
Texas	200,584	117,058	91,212	392,947	77,941	185,131	355,957	1,420,830
Utah	3,710	5,668	0	0	7,522	11,122	8,592	36,614
Vermont	815	1	0	0	148	1,914	499	3,377
Virginia	17,594	4,794	0	681	699	7,130	15,448	46,346
Washington	23,249	112,249	0	0	814	57,851	13,045	207,208
West Virginia	2,381	124	0	0	371	2,220	1,163	6,259
Wisconsin	171,948	2,444	0	0	534	52,215	83,027	310,168
Wyoming	4,522	5,853	0	0	12,737	12,274	7,827	43,213
United States	4,844,009	1,909,362	649,678	1,225,618	173,249	1,966,691	2,633,408	13,402,015

¹Includes amount paid under agriculture and conservation programs (Conservation Reserve, Agricultural Conservation, Emergency Conservation, and Great Plains Program).

²Programs included are Rural Clean Water, Forestry Incentive, Water Bank, Dairy Indemnity, Dairy Termination, Extended Warehouse Storage, Extended Farm Storage, Colorado River Salinity, Livestock Emergency Assistance, Interest Penalty Payments, Disaster, Loan Deficiency, Market Gains, Naval Stores Conservation, Options Pilot, Arkansas Beaver Lake, Wetland Reserve Program Cost-share, Potato Diversion, 90 Days Rule, and Interest on CCC-6S.

Table 6-5—Government payments by program and State, 1994

State	Feed grains	Wheat	Rice	Cotton	Wool Act	Conservation ¹	Miscellaneous ²	Total
<i>1,000 dollars</i>								
Alabama	2,534	2,861	0	31,757	130	30,213	21,891	89,386
Alaska	107	0	0	0	9	1,098	134	1,348
Arizona	1,817	4,893	0	54,491	1,701	2,982	6,189	72,073
Arkansas	3,715	19,721	132,487	56,247	541	17,016	73,025	302,752
California	8,042	22,747	67,688	92,978	9,952	14,642	56,732	272,781
Colorado	22,046	44,813	0	0	8,064	85,020	17,166	177,109
Connecticut	340	0	0	0	42	372	1,614	2,368
Delaware	1,228	468	0	0	5	554	3,335	5,590
Florida	1,407	485	83	3,607	34	15,674	37,347	58,637
Georgia	7,653	9,552	0	31,112	37	32,504	58,967	139,825
Hawaii	0	0	0	0	11	714	2,186	2,911
Idaho	18,626	44,217	0	0	5,195	42,134	17,117	127,289
Illinois	178,702	16,903	0	0	768	70,044	36,742	303,159
Indiana	79,347	9,003	0	0	330	37,247	11,093	137,020
Iowa	238,875	214	0	0	3,013	195,251	295,214	732,567
Kansas	73,921	199,236	0	31	2,141	163,005	29,376	467,710
Kentucky	16,073	5,175	10	0	190	29,653	3,793	54,894
Louisiana	3,078	3,392	52,780	71,842	38	10,036	40,409	181,575
Maine	317	2	0	0	134	4,556	9,092	14,101
Maryland	4,558	1,510	0	0	136	2,479	6,951	15,634
Massachusetts	154	0	0	0	80	645	3,815	4,694
Michigan	39,406	10,516	0	0	999	24,400	26,771	102,092
Minnesota	127,841	53,596	0	0	2,054	108,551	330,283	622,325
Mississippi	2,254	4,906	25,045	112,018	19	41,666	39,575	225,483
Missouri	36,842	24,143	10,098	18,036	1,622	124,561	52,095	267,397
Montana	35,731	89,417	0	0	11,772	109,925	9,306	256,151
Nebraska	160,832	42,787	0	0	1,959	85,384	57,371	348,333
Nevada	156	515	0	0	1,583	822	1,709	4,785
New Hampshire	129	0	0	0	79	726	541	1,475
New Jersey	1,089	267	0	0	42	650	5,548	7,596
New Mexico	4,897	6,050	0	5,409	9,223	21,722	13,791	61,092
New York	13,250	2,574	0	0	521	8,094	18,004	42,443
North Carolina	12,796	5,135	0	18,509	120	10,403	30,683	77,646
North Dakota	70,409	167,520	0	0	3,403	114,754	101,260	457,346
Ohio	51,119	17,592	0	0	1,699	31,263	15,424	117,097
Oklahoma	4,996	105,634	113	17,322	2,764	55,121	21,086	207,036
Oregon	3,911	25,511	0	0	3,534	29,685	11,785	74,426
Pennsylvania	7,997	913	0	0	700	9,992	13,084	32,686
Rhode Island	1	0	0	0	10	89	351	451
South Carolina	6,828	5,681	0	12,951	8	14,141	20,589	60,198
South Dakota	53,556	51,285	0	0	11,174	74,697	98,502	289,214
Tennessee	7,043	5,504	63	34,343	92	26,996	21,569	95,610
Texas	66,636	73,464	48,334	265,472	89,820	182,416	137,071	863,213
Utah	2,162	3,536	0	0	8,496	11,043	6,814	32,051
Vermont	335	1	0	0	216	1,913	1,769	4,234
Virginia	5,801	2,750	0	618	811	6,995	17,279	34,254
Washington	16,196	66,698	0	0	872	56,992	12,096	152,854
West Virginia	725	60	0	0	425	2,346	1,957	5,513
Wisconsin	50,901	1,518	0	0	610	54,146	129,309	236,484
Wyoming	2,309	3,477	0	0	14,753	12,329	5,260	38,128
United States	1,448,688	1,156,242	336,701	826,743	201,931	1,977,661	1,933,070	7,881,036

¹Includes amount paid under agriculture and conservation programs (Conservation Reserve, Agricultural Conservation, Emergency Conservation, and Great Plains Program).

²Programs included are Rural Clean Water, Forestry Incentive, Water Bank, Dairy Indemnity, Dairy Termination, Extended Warehouse Storage, Extended Farm Storage, Colorado River Salinity, Livestock Emergency Assistance, Interest Penalty Payments, Disaster, Loan Deficiency, Market Gains, Naval Stores Conservation, Options Pilot, Arkansas Beaver Lake, Wetland Reserve Program Cost-share, Milk Diversion, 90 Days Rule, Milk Marketing Fee, Emergency Feed, and Payments Limitation Refunds.

Farm Sector Debt Rose \$4.7 Billion in 1994

Despite reaching the highest level since 1986, the debt increase in 1994 was not considered threatening to the farm sector. California had the largest total farm business debt, but Rhode Island led the Nation in debt per acre of farmland. Banks' share of farm sector lending increased.

1994 Debt Increase Not a Threat to Sector's Financial Condition

Total farm business debt rose by almost \$5 billion during 1994, reaching nearly \$147 billion, its highest level since 1986. A reasonable concern is whether this rise in farm debt may burden the sector's ability to repay and precipitate a return of the financial stress witnessed in the early 1980's (fig. 7-1). Alternatively, this second consecutive rise in farm sector debt may reflect investors' positive view of the future of the farm sector—stable to growing returns on their investment—and the favorable interest rate environment (see "Farm Sector Balance Sheet, 1994," Chapter 3). Various measures of the debt burden (see "Farm Sector Financial Performance Measures, 1994," Chapter 4) indicate that the current increase, while a matter of concern, is not a threat to the sector's financial condition. As a percentage of farm assets, farm debt had declined from 23.0 percent in 1985 to 15.7 percent in 1993. The sector's *debt/asset* ratio remained at 15.7 in 1994, even with the increase in debt. The *farm business debt service coverage ratio*, which assesses the ability of farm businesses to repay interest and principal by dividing net cash farm income by farm business debt obligations, measured 2.15 in 1994 versus 1.65 in 1985. The *debt servicing ratio* (interest and principal payments divided by gross cash income) was unchanged at 14 percent from 1992-94. In contrast, principal and interest payments had absorbed 25 percent of gross cash income in 1985. These measures indicate that farmers in the 1990's are better able to repay their debts, both the interest and principal, out of current income. *Debt repayment capacity utilization*, a measure of the actual debt held compared with the theoretical maximum supportable debt, rose from 37 percent in 1993 to 41 percent in 1994. The range of this ratio in the 1990's has been from 34 to 41 percent. For comparative purposes, this measure had reached almost 89 percent in 1981. While this measure does reflect the recent

increase in use of total debt repayment capacity, it remains favorable compared with the values recorded in 1978-86. [See *Agricultural Income and Finance: Situation and Outlook Report*, May 1992 or September 1995, for additional information about the use of the debt repayment capacity utilization measure.]

The same general assessment is applicable to interest on farm debt. Although rising in 1994, interest payments were a significantly smaller expense item than in the early 1980's (fig. 7-2). Total interest payments on farm business loans were \$857 million higher in 1994 than in 1993. This marked the first increase in interest expenses since 1982. Farm business debt has been rising since reaching a low point in 1989, but lower interest rates have kept interest expenses from rising. In 1994, both debt and interest rates rose. The series of increases made by the Federal Reserve Board in the Federal Funds rate beginning during early spring were a principal factor increasing agricultural loan costs. However, the impact of the increasing interest rates on farmers was mitigated by a couple of factors. Many production loans were negotiated before the Board took actions to increase economywide interest rates, and the rates charged on agricultural loans typically lag the changes exhibited in the economy as a whole.

Nonreal estate debt rose 4.8 percent, as operators took out more loans to finance higher production levels during 1994. The average 1994 short-term rate for agricultural loans was estimated to be 8.91 percent versus 8.29 percent in 1993. These factors combined to produce a \$619 million (11.6-percent) increase in nonreal estate interest. Real estate interest rose \$238 million (4.3 percent), as real estate debt increased 2.8 percent and average longer term rates rose from an estimated 7.75 percent in 1993 to 7.97 in 1994. Average interest rates (sectorwide interest paid divided by the outstanding loan value) should not be confused with the rates charged on new loans, which probably reflect better the changes in interest rates in the economy as a whole.

California, Iowa, and Texas Hold Greatest Amounts of Farm Debt

California's 1994 farm sector debt was over \$14 billion, the largest in the Nation. Iowa was second with

\$10.8 billion, followed by Texas with \$9.8 billion. Illinois, Nebraska, Minnesota, and Kansas all registered farm debt of over \$5 billion. These seven States plus Wisconsin, Missouri, Indiana, Florida, and Oklahoma constituted 58 percent of the farm sector's debt in 1994 (fig. 7-3). California had the highest average debt per farm, followed by Arizona and Nebraska. Rhode Island, Delaware, and Connecticut ranked at the top of total debt per acre in farms (figs. 7-4 and 7-5 show the dozen States with the largest debt per acre). The explanation appears to be that these States are engaged in capital-intensive production and are located in areas with very high real estate values. Rhode Island and Connecticut ranked highest among the States in net farm income per acre, while Delaware ranked sixth. The largest share of cash receipts for these three States come from production of labor and capital-intensive commodities. The leading commodities for Rhode Island and Connecticut were greenhouse and nursery, dairy, and eggs. Delaware's leading commodities were broilers, soybeans, and greenhouse (see appendix tables for additional information on cash receipts). Rhode Island and Connecticut also have very high average farm real estate values, exceeded only by New Jersey. One might expect relatively high real estate debt in States with high average farm real estate values. While not the highest, Rhode Island registered the fourth largest real estate debt per acre of farmland. Delaware ranked fifth, and Connecticut was seventh.

Real estate debt per acre of farmland was highest in New Jersey, Maryland, and Florida.

Commercial Banks' Share of Farm Business Credit Increased

From 1990 onward, both the total amount and the percentage share of farm debt held by commercial banks has been increasing. In 1994, approximately \$58 billion, or 39 percent, of the Nation's farm business debt was held by commercial banks. These numbers compare with \$48 billion and 35 percent in 1990. Financing provided by the Farm Credit System reached a peak in 1984 at \$65 billion, declined to about \$35 billion by 1990, and remained at approximately that level throughout the early 1990's. The Farm Credit System's share of farm debt was 24 percent in 1994. Financing by USDA's Farm Service (formerly FmHA), at about 8 percent in 1994, has been a somewhat declining share of farm business credit in the 1990's. Individuals and others accounted for 22 percent of total farm financing in 1994.

Farm Credit System loans were a relatively larger share of borrowing in the Northeast and Lake States, while loans from commercial banks were the most important source for States in the Corn Belt, Northern Plains, Southern Plains, and Delta. (See tables 7-1 through 7-5 for details of sources of credit by State.)

Figure 7-1
Farm business debt, 1980-94

Farm business debt rising, but still below level of early 1980's



Figure 7-2
Interest expenses, 1970-94

Interest expenses rose in 1994, but below those of the early 1980's

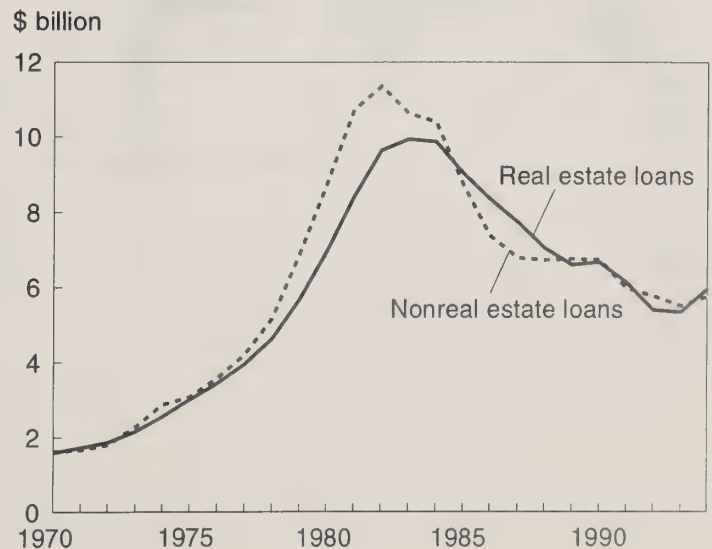


Figure 7-3

Top 12 States with farm debt, 1994

Twelve States accounted for 60 percent of total farm debt in 1994

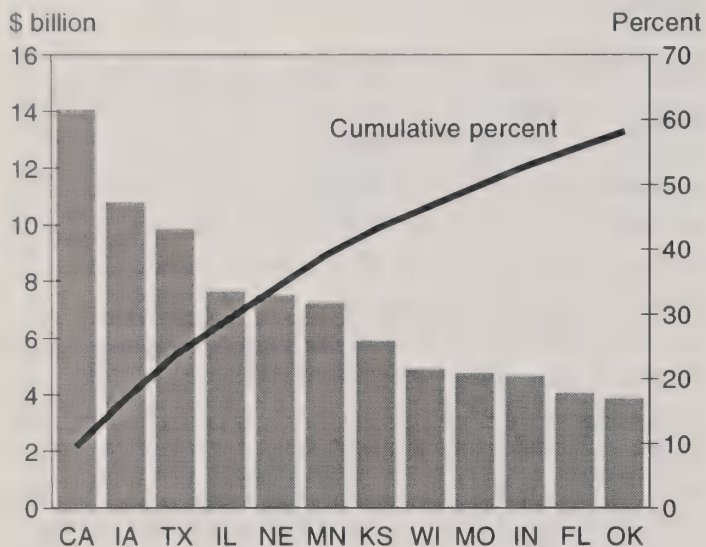


Figure 7-4

Top 12 States with farm debt per acre, 1994

Rhode Island, Delaware, and Connecticut had the highest farm debt per acre

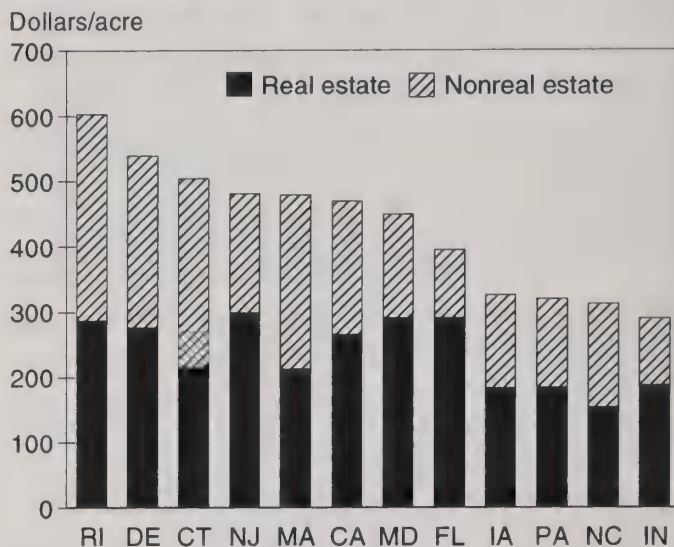


Figure 7-5

Farm debt per acre by region, 1994

Farm debt per acre highest in East and Midwest in 1994

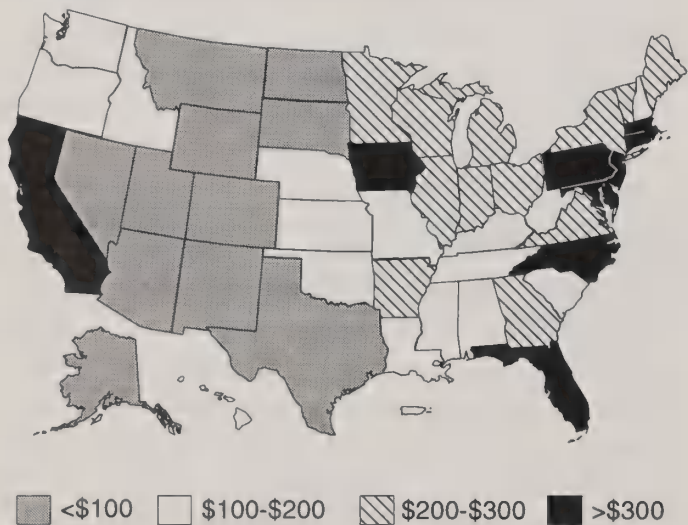


Figure 7-6

Farm debt by credit source, 1980-94

Banks' shares of farm credit increasing in 1990's; Farm Credit System's steady

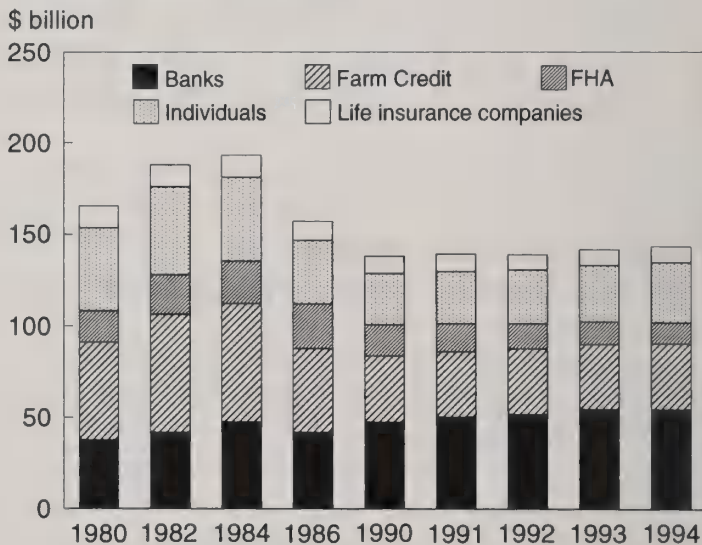


Table 7-1—Farm real estate business debt, December 31, 1990

State	Farm Credit System	Farmers Home Administration	Life insurance companies	All operating banks	Individuals and others	CCC storage and drying loans	Real estate, excluding operator dwellings
<i>Million dollars</i>							
Alabama	202	93	45	246	102	0	687
Alaska	7	0	8	1	4	0	20
Arizona	106	51	196	103	125	0	581
Arkansas	469	256	280	470	179	0	1,655
California	2,712	219	2,474	926	1,214	0	7,544
Colorado	662	99	203	187	335	0	1,486
Connecticut	47	13	0	21	14	0	95
Delaware	87	12	0	36	20	0	155
Florida	723	106	851	686	306	0	2,673
Georgia	613	156	140	537	147	0	1,593
Hawaii	109	29	30	46	9	0	223
Idaho	527	216	158	34	297	0	1,231
Illinois	1,309	293	441	1,354	807	0	4,204
Indiana	867	233	265	769	704	0	2,837
Iowa	1,361	399	553	1,245	1,833	1	5,391
Kansas	1,034	243	197	614	385	0	2,475
Kentucky	367	251	116	603	255	0	1,592
Louisiana	216	127	160	165	88	0	758
Maine	40	52	0	6	15	0	112
Maryland	286	37	10	99	110	0	542
Massachusetts	48	23	20	7	15	0	114
Michigan	720	165	35	202	346	0	1,469
Minnesota	1,299	266	213	723	966	1	3,468
Mississippi	232	244	290	325	141	0	1,232
Missouri	595	338	206	942	547	0	2,628
Montana	553	180	196	144	507	0	1,580
Nebraska	755	339	355	692	584	0	2,726
Nevada	72	18	37	3	47	0	178
New Hampshire	14	8	1	3	8	0	34
New Jersey	137	24	0	26	66	0	253
New Mexico	247	64	69	114	131	0	625
New York	404	156	9	116	216	0	901
North Carolina	683	222	83	307	149	0	1,445
North Dakota	792	311	35	280	279	0	1,697
Ohio	625	167	128	577	379	0	1,876
Oklahoma	592	303	158	337	316	0	1,706
Oregon	492	108	441	79	492	0	1,613
Pennsylvania	470	126	11	438	212	0	1,257
Rhode Island	8	3	0	2	1	0	14
South Carolina	316	82	15	69	52	0	535
South Dakota	493	355	49	178	332	0	1,408
Tennessee	305	216	38	365	141	0	1,065
Texas	1,945	350	548	856	938	0	4,637
Utah	141	57	11	37	127	0	373
Vermont	62	45	0	47	28	0	182
Virginia	638	88	88	222	136	0	1,171
Washington	487	150	320	184	346	0	1,488
West Virginia	77	44	81	53	22	0	277
Wisconsin	798	257	58	780	580	1	2,475
Wyoming	181	44	80	31	116	0	451
United States	25,924	7,639	9,704	16,288	15,169	7	74,732

Table 7-2—Farm nonreal estate business debt, December 31, 1990

State	All operating banks	Farm Credit System	Farmers Home Administration	Individuals and others	Total nonreal estate debt	CCC commodity loans
<i>Million dollars</i>						
Alabama	221	160	97	213	690	8
Alaska	4	0	0	2	6	0
Arizona	423	119	105	158	805	27
Arkansas	525	215	320	313	1,372	316
California	2,829	1,207	504	1,067	5,607	202
Colorado	676	205	77	429	1,386	53
Connecticut	24	63	8	25	120	0
Delaware	60	40	5	56	161	1
Florida	284	241	165	279	968	1
Georgia	309	178	388	284	1,159	9
Hawaii	40	46	11	29	126	0
Idaho	677	128	145	196	1,145	40
Illinois	1,964	192	202	545	2,903	420
Indiana	906	194	177	380	1,657	170
Iowa	2,859	209	368	819	4,256	625
Kansas	2,018	206	162	691	3,077	99
Kentucky	405	221	173	181	980	28
Louisiana	252	72	492	136	953	107
Maine	24	73	61	38	196	0
Maryland	43	211	19	116	388	7
Massachusetts	72	75	12	25	184	0
Michigan	357	336	231	236	1,160	78
Minnesota	1,669	389	355	551	2,964	516
Mississippi	327	149	564	182	1,221	177
Missouri	1,023	176	285	331	1,815	86
Montana	478	88	251	121	938	66
Nebraska	2,384	204	231	808	3,627	471
Nevada	18	31	9	20	76	0
New Hampshire	1	22	4	10	37	0
New Jersey	15	79	27	37	159	2
New Mexico	194	94	47	129	463	7
New York	417	416	219	216	1,268	18
North Carolina	260	350	167	356	1,133	19
North Dakota	744	264	447	198	1,653	211
Ohio	517	289	173	318	1,296	103
Oklahoma	1,200	162	391	287	2,040	19
Oregon	405	136	87	145	773	22
Pennsylvania	249	347	113	288	997	9
Rhode Island	0	15	2	3	20	0
South Carolina	77	80	151	94	402	5
South Dakota	1,058	154	404	233	1,847	132
Tennessee	232	260	244	201	937	26
Texas	2,460	661	769	986	4,876	145
Utah	134	62	34	58	289	2
Vermont	37	76	17	37	168	0
Virginia	180	271	126	166	743	9
Washington	1,026	56	101	228	1,412	55
West Virginia	24	46	23	29	121	1
Wisconsin	955	523	374	413	2,265	81
Wyoming	216	56	37	78	387	2
United States	31,267	9,848	9,374	12,740	63,230	4,377

Table 7-3—Farm real estate business debt, December 31, 1991

State	Farm Credit System	Farmers Home Administration	Life insurance companies	All operating banks	Individuals and others	CCC storage and drying loans	Real estate, excluding operator dwellings
<i>Million dollars</i>							
Alabama	211	84	47	259	105	0	706
Alaska	2	0	7	2	4	0	16
Arizona	101	50	207	67	129	0	553
Arkansas	478	236	294	508	185	0	1,701
California	2,659	214	2,483	957	1,251	0	7,564
Colorado	684	91	196	198	345	0	1,514
Connecticut	44	12	0	17	15	0	88
Delaware	92	10	0	26	21	0	149
Florida	600	101	878	696	315	0	2,591
Georgia	595	139	126	583	151	0	1,595
Hawaii	52	29	29	66	9	0	185
Idaho	566	201	154	35	306	0	1,262
Illinois	1,326	271	406	1,454	831	0	4,289
Indiana	880	212	257	837	725	0	2,912
Iowa	1,340	370	529	1,344	1,889	0	5,473
Kansas	1,001	226	173	667	397	0	2,464
Kentucky	407	233	119	675	263	0	1,697
Louisiana	215	114	149	183	91	0	752
Maine	33	48	0	7	15	0	103
Maryland	325	32	11	92	113	0	574
Massachusetts	50	24	20	8	16	0	117
Michigan	642	152	38	219	357	0	1,408
Minnesota	1,249	239	208	792	995	1	3,484
Mississippi	230	222	298	353	145	0	1,247
Missouri	601	308	182	1,017	563	0	2,672
Montana	524	168	192	160	522	0	1,566
Nebraska	751	312	297	773	602	0	2,734
Nevada	65	17	30	2	49	0	163
New Hampshire	15	8	0	2	8	0	33
New Jersey	122	25	0	24	68	0	239
New Mexico	209	62	60	112	135	0	577
New York	340	146	6	135	222	0	850
North Carolina	656	196	85	436	154	0	1,527
North Dakota	756	288	33	300	288	0	1,666
Ohio	625	153	114	615	390	0	1,897
Oklahoma	586	276	154	337	326	0	1,678
Oregon	465	101	478	74	506	0	1,625
Pennsylvania	509	118	13	462	218	0	1,321
Rhode Island	8	3	0	1	2	0	14
South Carolina	300	75	15	77	54	0	521
South Dakota	501	334	43	222	342	0	1,442
Tennessee	292	192	46	363	146	0	1,038
Texas	1,912	334	542	865	967	0	4,621
Utah	126	53	9	37	131	0	356
Vermont	58	42	0	49	29	0	179
Virginia	664	80	99	215	141	0	1,199
Washington	438	136	313	199	357	0	1,444
West Virginia	80	41	76	60	22	0	278
Wisconsin	749	222	59	802	597	0	2,430
Wyoming	170	40	71	32	119	0	432
United States	25,305	7,041	9,546	17,417	15,632	4	74,944

Table 7-4—Farm nonreal estate business debt, December 31, 1991

State	All operating banks	Farm Credit System	Farmers Home Administration	Individuals and others	Total nonreal estate debt	CCC commodity loans
<i>Million dollars</i>						
Alabama	237	158	86	217	698	41
Alaska	5	0	0	2	8	0
Arizona	374	99	101	161	734	41
Arkansas	591	221	276	319	1,407	357
California	2,865	1,145	436	1,088	5,533	243
Colorado	641	176	67	437	1,320	36
Connecticut	15	64	7	26	112	0
Delaware	43	48	5	57	152	1
Florida	312	211	153	284	960	1
Georgia	352	210	310	290	1,162	28
Hawaii	23	39	11	30	103	0
Idaho	723	152	128	200	1,203	21
Illinois	2,060	225	174	555	3,014	230
Indiana	908	212	150	387	1,658	142
Iowa	3,027	222	304	835	4,389	357
Kansas	2,022	175	145	705	3,047	52
Kentucky	459	252	146	185	1,041	24
Louisiana	267	126	425	138	956	216
Maine	25	55	55	39	174	0
Maryland	47	189	17	118	370	7
Massachusetts	71	68	14	25	178	0
Michigan	392	326	205	241	1,164	50
Minnesota	1,841	435	295	561	3,133	333
Mississippi	361	167	504	186	1,218	292
Missouri	1,144	198	236	338	1,916	101
Montana	498	59	225	124	906	52
Nebraska	2,620	224	201	824	3,868	209
Nevada	15	34	8	20	76	0
New Hampshire	1	19	5	10	35	0
New Jersey	43	84	31	38	196	2
New Mexico	216	95	45	131	487	4
New York	334	399	207	220	1,160	19
North Carolina	250	424	139	363	1,176	25
North Dakota	778	290	396	201	1,666	168
Ohio	509	299	143	324	1,274	83
Oklahoma	1,240	137	346	292	2,015	9
Oregon	471	168	79	147	865	5
Pennsylvania	254	389	111	294	1,047	3
Rhode Island	0	17	2	3	22	0
South Carolina	70	91	129	95	386	12
South Dakota	1,193	191	354	237	1,975	102
Tennessee	287	262	198	205	952	100
Texas	2,606	729	719	1,005	5,059	132
Utah	154	58	34	60	305	2
Vermont	32	79	16	38	165	0
Virginia	168	276	112	170	726	10
Washington	1,030	74	89	233	1,425	18
West Virginia	21	46	22	29	117	0
Wisconsin	1,011	534	321	421	2,287	49
Wyoming	248	72	32	80	432	2
United States	32,854	10,222	8,213	12,985	64,274	3,579

Table 7-5—Farm real estate business debt, December 31, 1992

State	Farm Credit System	Farmers Home Administration	Life insurance companies	All operating banks	Individuals and others	CCC storage and drying loans	Real estate, excluding operator dwellings
<i>Million dollars</i>							
Alabama	198	74	44	269	108	0	694
Alaska	2	0	2	2	4	0	11
Arizona	94	46	195	37	133	0	506
Arkansas	502	208	293	576	190	0	1,769
California	2,675	208	2,346	1,111	1,288	0	7,628
Colorado	686	83	171	193	355	0	1,487
Connecticut	47	11	0	11	15	0	85
Delaware	102	8	0	42	21	0	174
Florida	552	92	934	713	325	0	2,616
Georgia	549	116	120	696	156	0	1,637
Hawaii	58	29	23	56	9	0	175
Idaho	584	179	169	32	315	0	1,279
Illinois	1,391	249	344	1,569	856	0	4,410
Indiana	888	188	233	908	747	0	2,963
Iowa	1,316	343	460	1,534	1,945	0	5,599
Kansas	1,001	208	142	729	409	0	2,489
Kentucky	386	214	112	706	271	0	1,689
Louisiana	212	98	129	191	94	0	724
Maine	35	45	11	6	16	0	112
Maryland	349	29	9	100	117	0	603
Massachusetts	53	22	19	10	16	0	121
Michigan	642	140	66	229	367	0	1,445
Minnesota	1,204	218	194	878	1,025	0	3,519
Mississippi	227	197	232	384	149	0	1,190
Missouri	640	275	172	1,085	580	0	2,751
Montana	522	155	171	182	538	0	1,568
Nebraska	832	284	291	878	620	0	2,905
Nevada	64	16	27	2	50	0	160
New Hampshire	16	7	0	1	8	0	32
New Jersey	130	25	0	29	70	0	254
New Mexico	207	56	60	102	139	0	564
New York	363	135	6	145	229	0	878
North Carolina	609	167	76	379	158	0	1,389
North Dakota	709	264	30	317	297	0	1,616
Ohio	655	137	112	638	401	0	1,943
Oklahoma	567	249	90	382	336	0	1,623
Oregon	479	95	390	78	521	0	1,562
Pennsylvania	512	108	9	516	225	0	1,369
Rhode Island	9	3	0	1	2	0	15
South Carolina	282	68	12	77	55	0	494
South Dakota	472	311	45	244	352	0	1,424
Tennessee	349	163	24	371	150	0	1,057
Texas	1,923	315	429	876	996	0	4,538
Utah	111	50	9	48	135	0	353
Vermont	62	40	0	32	30	0	165
Virginia	726	71	49	235	145	0	1,227
Washington	474	123	325	193	367	0	1,483
West Virginia	85	38	81	64	23	0	291
Wisconsin	709	196	52	852	615	0	2,424
Wyoming	146	35	58	49	123	0	411
United States	25,408	6,394	8,765	18,757	16,095	2	75,421

Table 7-6—Farm nonreal estate business debt, December 31, 1992

State	All operating banks	Farm Credit System	Farmers Home Administration	Individuals and others	Total nonreal estate debt	CCC commodity loans
<i>Million dollars</i>						
Alabama	250.0	235.0	67.0	221.0	772.0	37.0
Alaska	4.0	0.0	0.0	2.0	7.0	0.0
Arizona	330.0	80.0	93.0	164.0	667.0	71.0
Arkansas	578.0	198.0	239.0	325.0	1,340.0	514.0
California	2,877.0	1,118.0	388.0	1,108.0	5,492.0	387.0
Colorado	630.0	164.0	61.0	445.0	1,301.0	41.0
Connecticut	11.0	68.0	7.0	26.0	112.0	0.0
Delaware	46.0	47.0	4.0	58.0	154.0	2.0
Florida	337.0	244.0	139.0	289.0	1,009.0	2.0
Georgia	358.0	246.0	241.0	295.0	1,141.0	31.0
Hawaii	47.0	31.0	12.0	31.0	120.0	0.0
Idaho	724.0	172.0	112.0	204.0	1,212.0	23.0
Illinois	2,024.0	217.0	160.0	566.0	2,967.0	453.0
Indiana	860.0	198.0	129.0	394.0	1,581.0	229.0
Iowa	3,065.0	211.0	252.0	851.0	4,379.0	612.0
Kansas	2,043.0	191.0	130.0	718.0	3,082.0	59.0
Kentucky	456.0	223.0	123.0	188.0	990.0	38.0
Louisiana	277.0	208.0	355.0	141.0	980.0	221.0
Maine	29.0	58.0	53.0	40.0	180.0	0.0
Maryland	46.0	183.0	16.0	120.0	365.0	12.0
Massachusetts	66.0	72.0	14.0	26.0	177.0	0.0
Michigan	398.0	336.0	188.0	245.0	1,167.0	32.0
Minnesota	1,939.0	442.0	255.0	572.0	3,209.0	389.0
Mississippi	387.0	228.0	422.0	189.0	1,227.0	258.0
Missouri	1,142.0	166.0	194.0	344.0	1,846.0	175.0
Montana	502.0	60.0	197.0	126.0	885.0	52.0
Nebraska	2,697.0	247.0	172.0	839.0	3,956.0	250.0
Nevada	14.0	30.0	8.0	20.0	72.0	0.0
New Hampshire	0.0	20.0	5.0	10.0	36.0	0.0
New Jersey	41.0	89.0	32.0	39.0	201.0	2.0
New Mexico	207.0	102.0	41.0	134.0	484.0	6.0
New York	375.0	421.0	196.0	224.0	1,216.0	9.0
North Carolina	285.0	467.0	115.0	369.0	1,236.0	30.0
North Dakota	804.0	298.0	341.0	205.0	1,649.0	166.0
Ohio	483.0	289.0	117.0	330.0	1,219.0	112.0
Oklahoma	1,253.0	134.0	303.0	298.0	1,988.0	16.0
Oregon	392.0	154.0	72.0	150.0	768.0	6.0
Pennsylvania	232.0	375.0	116.0	299.0	1,022.0	10.0
Rhode Island	0.0	18.0	2.0	3.0	23.0	0.0
South Carolina	65.0	105.0	114.0	97.0	381.0	11.0
South Dakota	1,269.0	185.0	308.0	242.0	2,003.0	116.0
Tennessee	278.0	280.0	153.0	209.0	920.0	148.0
Texas	2,507.0	627.0	653.0	1,024.0	4,811.0	174.0
Utah	148.0	55.0	36.0	61.0	299.0	2.0
Vermont	18.0	83.0	17.0	38.0	156.0	0.0
Virginia	149.0	265.0	99.0	173.0	685.0	15.0
Washington	940.0	75.0	76.0	237.0	1,328.0	21.0
West Virginia	19.0	43.0	22.0	30.0	113.0	1.0
Wisconsin	1,056.0	527.0	269.0	429.0	2,281.0	36.0
Wyoming	251.0	61.0	28.0	81.0	421.0	2.0
United States	32,912.0	10,346.0	7,143.0	13,230.0	63,631.0	4,771.0

Table 7-7—Farm real estate business debt, December 31, 1993

State	Farm Credit System	Farmers Home Administration	Life insurance companies	All operating banks	Individuals and others	CCC storage and drying loans	Real estate, excluding operator dwellings
<i>Million dollars</i>							
Alabama	158	64	35	299	112	0	667
Alaska	1	0	2	2	4	0	10
Arizona	88	45	186	35	138	0	492
Arkansas	544	184	252	653	198	0	1,829
California	2,565	197	2,629	1,010	1,339	0	7,740
Colorado	693	79	167	214	369	0	1,523
Connecticut	52	10	0	6	16	0	83
Delaware	78	7	12	33	22	0	153
Florida	607	90	1,136	644	338	0	2,815
Georgia	564	100	129	646	161	0	1,600
Hawaii	60	29	21	49	10	0	169
Idaho	585	162	166	39	327	0	1,278
Illinois	1,356	227	308	1,623	891	0	4,405
Indiana	757	171	245	918	775	0	2,866
Iowa	1,359	318	446	1,688	2,024	0	5,834
Kansas	976	192	145	775	425	0	2,513
Kentucky	386	196	102	756	282	0	1,723
Louisiana	243	81	131	211	97	0	763
Maine	29	43	20	5	16	0	114
Maryland	365	25	21	107	121	0	638
Massachusetts	58	22	25	9	17	0	132
Michigan	607	126	67	238	381	0	1,419
Minnesota	1,236	202	208	951	1,064	0	3,661
Mississippi	203	175	239	431	155	0	1,202
Missouri	603	246	180	1,126	601	0	2,756
Montana	469	143	171	209	559	0	1,552
Nebraska	859	261	275	982	645	0	3,023
Nevada	60	15	23	1	52	0	152
New Hampshire	19	7	0	5	9	0	40
New Jersey	123	24	0	31	73	0	251
New Mexico	224	52	60	109	144	0	589
New York	344	127	5	156	238	0	869
North Carolina	562	147	83	413	165	0	1,369
North Dakota	711	240	30	333	309	0	1,623
Ohio	528	123	103	628	416	0	1,798
Oklahoma	507	227	86	417	348	0	1,584
Oregon	471	86	149	83	540	0	1,329
Pennsylvania	532	99	8	544	233	0	1,416
Rhode Island	12	3	0	1	2	0	18
South Carolina	230	63	9	72	57	0	430
South Dakota	470	291	51	286	366	0	1,464
Tennessee	601	143	26	395	156	0	1,321
Texas	1,839	294	410	914	1,034	0	4,491
Utah	101	47	8	42	140	0	338
Vermont	64	38	0	46	32	0	180
Virginia	664	65	49	234	151	0	1,163
Washington	493	112	361	212	381	0	1,559
West Virginia	69	37	77	71	24	0	277
Wisconsin	684	170	64	879	637	0	2,435
Wyoming	79	33	65	64	127	0	368
United States	24,889	5,837	8,985	19,595	16,719	0	76,026

Table 7-8—Farm nonreal estate business debt, December 31, 1993

State	All operating banks	Farm Credit System	Farmers Home Administration	Individuals and others	Total nonreal estate debt	CCC commodity loans
<i>Million dollars</i>						
Alabama	274	249	53	237	814	22
Alaska	3	0	0	3	6	0
Arizona	354	106	89	176	725	65
Arkansas	662	198	195	349	1,404	127
California	3,026	1,125	370	1,190	5,712	138
Colorado	691	191	54	478	1,414	36
Connecticut	4	66	6	28	105	0
Delaware	47	45	3	62	157	1
Florida	388	253	127	311	1,078	1
Georgia	391	247	195	317	1,149	17
Hawaii	30	16	12	33	91	0
Idaho	782	184	98	219	1,283	39
Illinois	2,071	214	133	608	3,025	308
Indiana	835	280	105	424	1,643	165
Iowa	3,268	243	214	914	4,639	439
Kansas	2,140	237	117	771	3,265	63
Kentucky	448	197	104	202	951	23
Louisiana	301	138	283	151	874	143
Maine	33	58	55	43	189	0
Maryland	48	144	15	129	336	6
Massachusetts	57	59	14	28	158	0
Michigan	372	332	161	264	1,129	44
Minnesota	1,959	471	222	614	3,266	317
Mississippi	436	224	369	203	1,232	83
Missouri	1,201	154	153	370	1,878	107
Montana	544	58	173	135	910	85
Nebraska	2,864	287	147	901	4,199	236
Nevada	13	36	8	22	79	0
New Hampshire	0	17	5	11	33	0
New Jersey	50	76	33	41	199	2
New Mexico	219	123	37	144	523	13
New York	342	448	195	241	1,225	19
North Carolina	332	467	96	397	1,292	26
North Dakota	891	316	289	220	1,716	96
Ohio	503	347	94	354	1,298	81
Oklahoma	1,401	149	263	320	2,133	14
Oregon	485	134	64	161	843	12
Pennsylvania	238	339	114	322	1,012	10
Rhode Island	0	15	2	3	20	0
South Carolina	68	126	103	104	401	6
South Dakota	1,358	201	270	259	2,088	113
Tennessee	310	185	129	224	848	85
Texas	2,819	623	595	1,100	5,137	129
Utah	150	62	36	65	314	3
Vermont	19	81	15	41	157	0
Virginia	151	317	85	186	738	10
Washington	948	72	65	255	1,339	54
West Virginia	21	48	22	32	123	1
Wisconsin	1,105	542	228	461	2,335	32
Wyoming	290	41	25	87	443	1
United States	34,939	10,540	6,239	14,210	65,927	3,170

Table 7-9—Farm real estate business debt, December 31, 1994

State	Farm Credit System	Farmers Home Administration	Life insurance companies	All operating banks	Individuals and others	CCC storage and drying loans	Real estate, excluding operator dwellings
<i>Million dollars</i>							
Alabama	169	57	31	296	116	0	670
Alaska	1	0	1	3	5	0	10
Arizona	80	48	157	40	145	0	471
Arkansas	534	165	245	719	207	0	1,870
California	2,480	199	2,756	1,086	1,402	0	7,922
Colorado	681	72	155	245	386	0	1,539
Connecticut	52	10	0	6	17	0	84
Delaware	76	9	16	33	23	0	157
Florida	588	87	1,254	705	355	0	2,989
Georgia	570	95	113	702	168	0	1,647
Hawaii	59	28	27	41	10	0	166
Idaho	610	154	169	41	342	0	1,315
Illinois	1,354	211	294	1,712	934	0	4,506
Indiana	824	157	273	931	809	0	2,995
Iowa	1,366	296	399	1,881	2,123	0	6,065
Kansas	955	183	138	832	445	0	2,554
Kentucky	401	184	55	790	297	0	1,728
Louisiana	210	72	137	217	102	0	738
Maine	27	43	19	7	17	0	113
Maryland	358	21	20	113	127	0	639
Massachusetts	60	21	24	4	18	0	127
Michigan	619	117	60	241	397	0	1,434
Minnesota	1,225	190	209	1,051	1,113	0	3,788
Mississippi	195	155	235	476	161	0	1,223
Missouri	605	225	164	1,204	628	0	2,825
Montana	459	135	175	231	586	0	1,586
Nebraska	860	243	263	1,089	677	0	3,131
Nevada	62	14	15	10	54	0	156
New Hampshire	19	7	0	5	9	0	40
New Jersey	118	24	6	33	76	0	256
New Mexico	224	50	63	107	152	0	596
New York	340	124	4	156	248	0	873
North Carolina	549	132	68	498	174	0	1,420
North Dakota	705	222	26	366	324	0	1,643
Ohio	696	111	84	670	434	0	1,994
Oklahoma	499	212	87	472	363	0	1,634
Oregon	439	82	212	73	562	0	1,367
Pennsylvania	524	91	6	569	244	0	1,435
Rhode Island	13	3	0	1	2	0	18
South Carolina	238	58	7	71	60	0	433
South Dakota	472	277	54	325	384	0	1,512
Tennessee	372	132	25	413	165	0	1,108
Texas	1,772	281	400	972	1,083	0	4,508
Utah	92	45	11	43	146	0	337
Vermont	66	39	0	46	33	0	185
Virginia	632	58	45	250	159	0	1,144
Washington	487	104	327	227	399	0	1,544
West Virginia	68	34	73	77	25	0	277
Wisconsin	685	155	59	909	664	0	2,473
Wyoming	91	31	61	81	133	0	398
United States	24,583	5,463	9,023	21,070	17,503	0	77,642

Table 7-10—Farm nonreal estate business debt, December 31, 1994

State	All operating banks	Farm Credit System	Farmers Home Administration	Individuals and others	Total nonreal estate debt	CCC commodity loans
<i>Million dollars</i>						
Alabama	290	256	47	254	846	21
Alaska	3	0	0	3	6	0
Arizona	392	119	86	188	785	50
Arkansas	686	200	184	373	1,443	434
California	3,268	1,208	394	1,273	6,144	252
Colorado	748	205	52	511	1,517	50
Connecticut	4	73	6	30	113	0
Delaware	36	45	3	66	151	2
Florida	402	239	111	332	1,085	1
Georgia	428	274	166	339	1,206	16
Hawaii	31	17	12	35	95	0
Idaho	867	171	98	234	1,370	25
Illinois	2,159	216	128	650	3,154	683
Indiana	839	269	92	453	1,653	323
Iowa	3,241	297	238	977	4,752	1,137
Kansas	2,169	267	117	824	3,376	120
Kentucky	468	251	98	216	1,033	48
Louisiana	331	120	252	162	864	145
Maine	46	66	53	46	210	0
Maryland	49	149	15	138	350	13
Massachusetts	58	58	15	30	160	0
Michigan	368	356	151	282	1,157	93
Minnesota	2,038	533	236	657	3,464	737
Mississippi	446	202	356	217	1,221	221
Missouri	1,247	161	141	395	1,945	164
Montana	621	69	164	145	998	65
Nebraska	3,000	304	145	963	4,413	520
Nevada	13	39	8	23	83	0
New Hampshire	0	18	5	12	35	0
New Jersey	9	73	31	44	157	4
New Mexico	229	122	30	153	535	9
New York	347	469	196	257	1,269	30
North Carolina	436	541	86	424	1,487	38
North Dakota	1,064	354	271	236	1,925	147
Ohio	520	343	80	379	1,322	184
Oklahoma	1,501	166	247	342	2,257	16
Oregon	464	121	61	172	819	7
Pennsylvania	253	341	115	344	1,052	17
Rhode Island	0	14	2	4	20	0
South Carolina	68	127	105	112	411	12
South Dakota	1,441	242	253	277	2,214	230
Tennessee	311	218	117	240	885	100
Texas	2,945	648	595	1,176	5,364	156
Utah	167	64	37	70	337	3
Vermont	15	83	15	44	158	0
Virginia	160	327	78	198	764	15
Washington	1,046	91	64	272	1,474	25
West Virginia	26	52	22	34	134	1
Wisconsin	1,149	563	215	493	2,419	123
Wyoming	329	40	24	93	487	2
United States	36,730	11,180	6,020	15,190	69,120	6,237

Part II
Costs of Production
Major Field Crops, Livestock, and Dairy

Production Input Prices Rose in 1994, Led by Fertilizer at 9.3 Percent

Prices for production inputs rose an average 2.9 percent in 1994. The greatest price increase was for fertilizer, 9.3 percent. The market basket of fertilizer mixes that makes up the fertilizer component of the index is heavily weighted toward nitrogen, so crops that depend most on nitrogen fertilizer were most affected by the price increase. Cash rents rose an average 8 percent, and machinery prices were up an average 3.8 percent.

Livestock operations were most affected by an average 6.1-percent rise in feed prices. Corn makes up over 18 percent of the feed index, and dairy feeds make up nearly 17 percent, so both hogs and dairy costs were affected. The rise in feed prices was primarily due to higher prices in the first three quarters of 1994 as a result of the short crops from 1993 floods and drought.

Fuel prices were down 8.7 percent, which benefited the more mechanically intensive crop and livestock operations. Products derived from oil, like insecticides and herbicides, however, did not see an accompanying price drop.

Cash costs of production for major U.S. crops and milk rose along with the input prices. Costs for cow-calf and hog production, however, fell as fixed costs allocated to beef and pork fell due to a drop in the value of meat production. Besides the input price effect, crop yields recovered from the low, weather-affected levels of 1993, pushing up costs. Higher costs on top of higher yields can happen when, as in the case of corn, the higher 1994 production per acre requires more fieldwork at harvest, and therefore, more machinery use and more fuel used. At the same time, net cash returns tended to rise for crops and fall for livestock and dairy.

Structure of Accounts

ERS cost-of-production accounts include estimates of both cash expenditures and noncash costs. Cash expenditures are incurred when factors of production are purchased or rented. Noncash costs occur when factors are owned. For example, a farmer who fully owns the land used to produce corn would have no expenditure for land rental or for loans to pay for the purchase of land. Yet, an economic cost arises. By owning the land

and using it to grow corn, the farmer forgoes income from other uses of the land, such as renting it to another producer. Costs come about because production resources are limited and have alternative uses. If a farmer uses savings to pay for operating inputs, such as seed, fertilizer, chemicals, and fuel, and thus pays no interest on operating loans, the farmer still incurs an economic cost because the savings could have earned a return in another use. Owned inputs are not without cost.

ERS combines in a single account the production costs and returns of farm operators and landlords. If a landlord pays a share of a farmer's costs, such as fertilizer, as part of a rental agreement, then those costs are added to the operator's costs and subtracted from the rental value of the land. Land rent is not included as a cash expense because what is a rental expense to the farm operator is offsetting income to the landlord. An ownership cost is imputed instead to land and is included as an economic cost.

Most commodities are produced on farms that have multiple production or service enterprises; farm machinery, equipment, and buildings, and their costs are shared by the various enterprises on the farm. ERS allocates machinery operating costs and capital replacement costs to a particular commodity enterprise based on estimates of hours that the machine is used on that commodity relative to total hours of annual use. General farm overhead and property tax expenses and interest payments are allocated to an individual enterprise based on the commodity share of gross value of production.

Government Programs and Costs of Production

The Government operates deficiency payment programs for corn, grain sorghum, barley, oats, wheat, rice, and cotton. Farmers and landlords, if they participate in the programs, may receive direct payments but also may be required to idle acreage that would have been planted to the crop in return for direct payments on the remaining acreage. Participants may also be required to incur costs by maintaining a cover crop or controlling weeds on the idled acreage. ERS prepares cost of production (COP) estimates for all commodi-

ties, excluding government participation costs and direct payments. In addition, this report contains COP estimates for corn, grain sorghum, barley, rice, and cotton that include direct government payments and program participation costs. The estimates that include direct effects of government programs add costs and returns associated with both planted acreage and acreage idled by program participants.

Data Sources

The primary data source for annual cost-of-production estimates is the Farm Costs and Returns Survey (FCRS). It is supplemented with price and production data from other sources, mainly NASS' Agricultural Prices and Crop Production reports. Seed, fertilizer, and machinery operating costs are generally derived from producers' descriptions of inputs, field operations, and machinery used on a particular commodity and from input price and machinery performance data. Other variable cash expenses and fixed cash expenses come from producers' estimates of these expenditures. Livestock building and equipment values are derived from producers' descriptions of those used, along with annual building cost guides.

The FCRS is conducted annually by ERS and NASS. Each year, there are multiple versions of the FCRS: an in depth whole-farm version and commodity cost-of-production versions. All versions have common questions about whole-farm expenses and income. Each cost-of-production version gathers more detailed information about input use, field operations, and production costs of a particular commodity. Farmers are interviewed in person by field enumerators using questionnaires developed by NASS and ERS. The FCRS takes place during February and March, with questions being asked about production in the previous year.

Because of survey costs, USDA cannot undertake detailed cost-of-production surveys of every major commodity in every year. Instead, the FCRS covers each commodity in detail about every 4 to 6 years; ERS updates the FCRS-based costs from other data sources in nonsurvey years.

The cost-of-production estimates in this report are derived from the following surveys:

Commodity	Year of survey
Corn	1991
Grain sorghum	1990
Oats	1988
Barley	1992
Wheat	1989
Soybeans	1990
Rice	1992
Peanuts	1991
Cotton	1991
Sugar beets	1992
Sugarcane	1992
Sugar processing	1992
Flue-cured tobacco	1991
Burley tobacco	1989
Dairy	1993
Cow-calf	1990
Hogs	1992

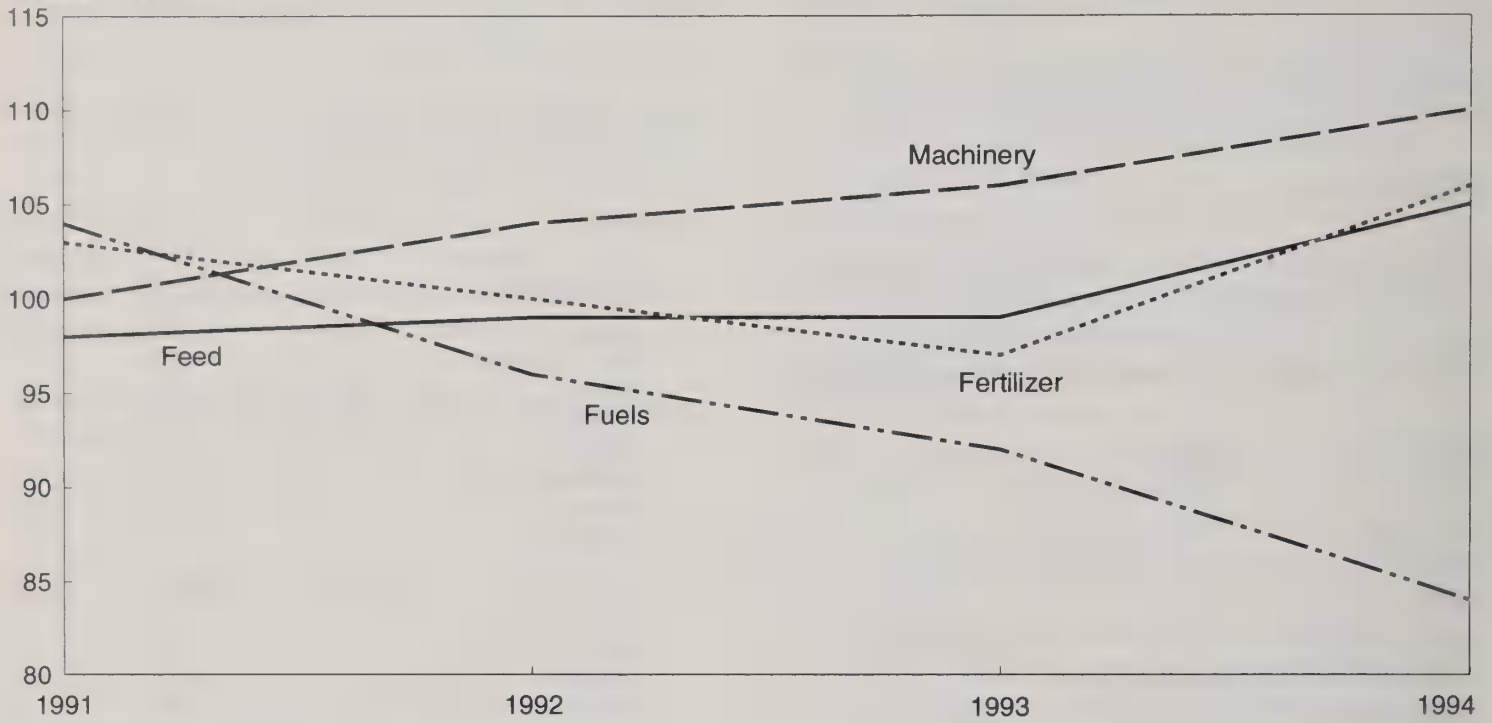
For more detailed information on data sources and empirical estimation procedures, the reader may refer to *Major Statistical Series of the U.S. Department of Agriculture—Costs of Production*, Agricultural Handbook Number 671, Volume 12, ERS/USDA, March 1992, or call the COP contact person whose telephone number is in the front of this report.

Figure 8-1

Input prices, 1991-94

Prices for major inputs rose in 1994, but fuel prices declined

1990-92 = 100



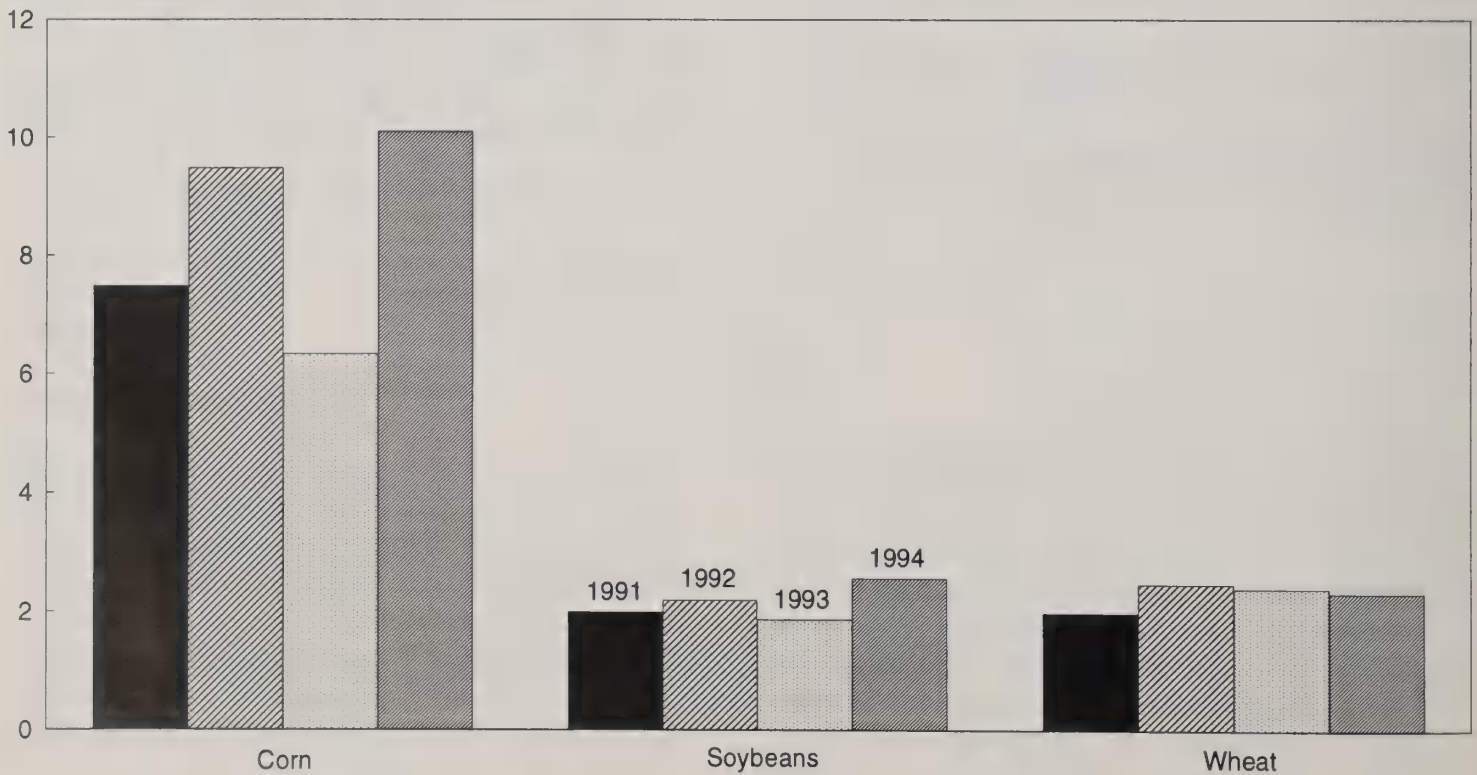
Sources: Prices Paid Index, NASS/USDA.

Figure 8-2

Corn and soybean production, 1991-94

Production of corn and soybeans rebounded in 1994 from Midwest floods and Eastern drought of 1993

Million bushels



Corn Costs Rose Over 10 Percent in 1994

Recovering from flood conditions along the Mississippi River and drought conditions in the Southeast during 1993, the average corn yield per planted acre in the United States was 44 percent higher in 1994. Corn production in 1994 was a record high, 59 percent above the 1993 crop, and 7 percent above the previous record in 1992. Despite lower harvest prices, higher yields offset lower corn prices and raised the gross value of corn production by 31 percent. On the cost side, the total cash cost per acre of U.S. corn production was 11 percent higher in 1994 than in 1993, while economic costs were 12 percent higher. However, on a per bushel basis, higher yields reduced the cash cost from \$1.79 to \$1.38 and the per bushel economic cost from \$2.89 to \$2.24. Lower corn prices also raised the per bushel deficiency payment to U.S. corn growers from 28 cents in 1993 to 57 cents in 1994. Overall, government program participation enhanced returns to corn production to a much larger extent in 1994 than in 1993. Participants in 1994 had residual returns \$25.23 higher per acre than nonparticipants compared with a \$10.64 difference in 1993.

Among major production regions, growing conditions improved the most from 1993 to 1994 in the North Central region as the average corn yield increased about 50 percent. The corn yield in North Central States along the Mississippi River improved dramatically as excellent growing conditions in 1994 replaced the flood conditions of 1993. Ideal growing conditions

were prevalent throughout the North Central region, with all States experiencing yields near or at record levels. Both cash and economic production costs per acre were more than 10 percent higher in 1994, with most line items up from 1993. However, per bushel cash and economic costs were about 25 percent lower in 1994 because of the higher yields.

The corn yield was up in each of the three other major production regions as well. Corn yields were up by about a third from 1993 to 1994 in both the Plains States and Southeast regions as several Plains States recovered from flood conditions and States in the Southeast recovered from drought. Per acre costs in 1994 were higher in the three regions because of additional costs associated with higher yields, but per bushel costs declined.

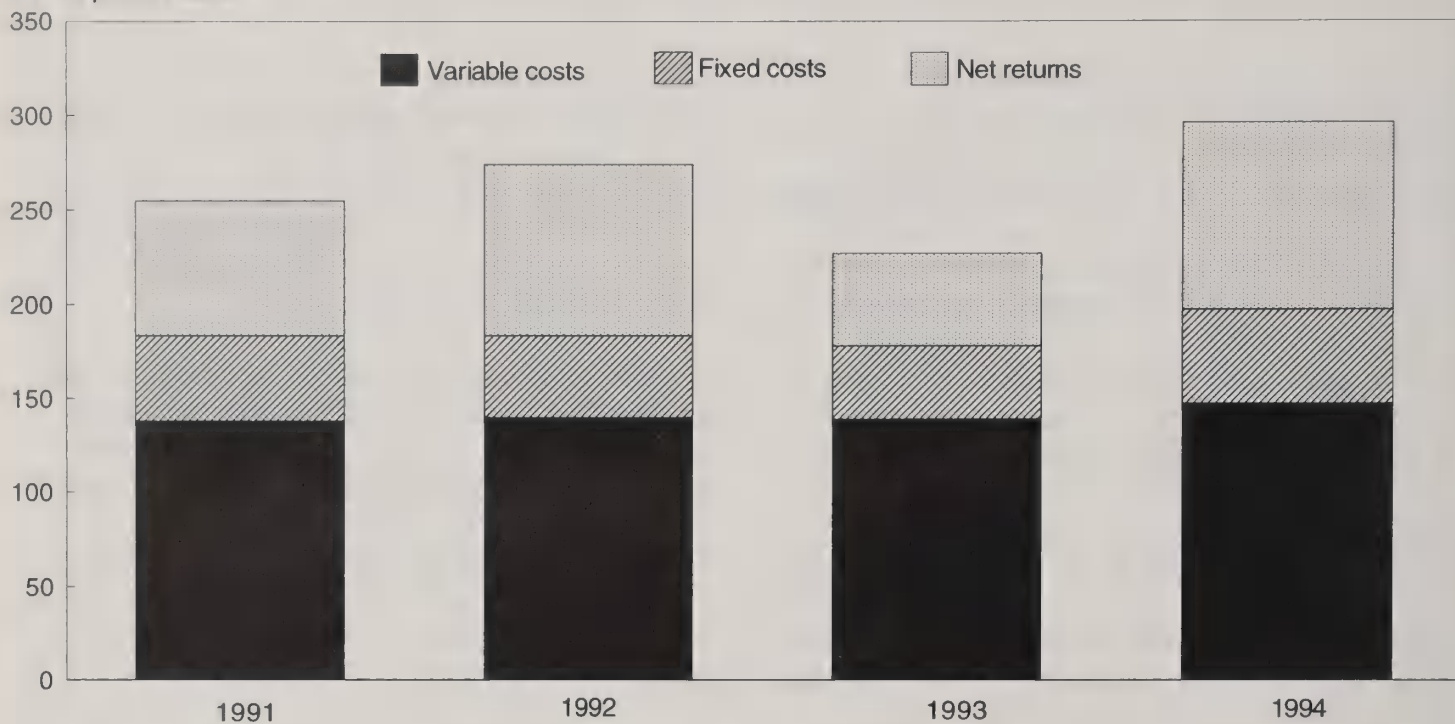
The extent to which government program participation enhanced returns to corn production in each region depended on corn prices and regional program participation. Lower corn prices in 1994 resulted in higher per acre deficiency payments in all regions. However, deficiency payments were higher in the North Central and Plains States regions because of their greater program participation. More than 70 percent of planted acres in the North Central and Plains States regions were enrolled in the corn program compared with less than 50 percent in the Southeast and Northeast regions.

Figure 8-3

Corn costs and returns, 1991-94¹

While corn costs remained fairly steady in 1994, net cash returns recovered from 1993

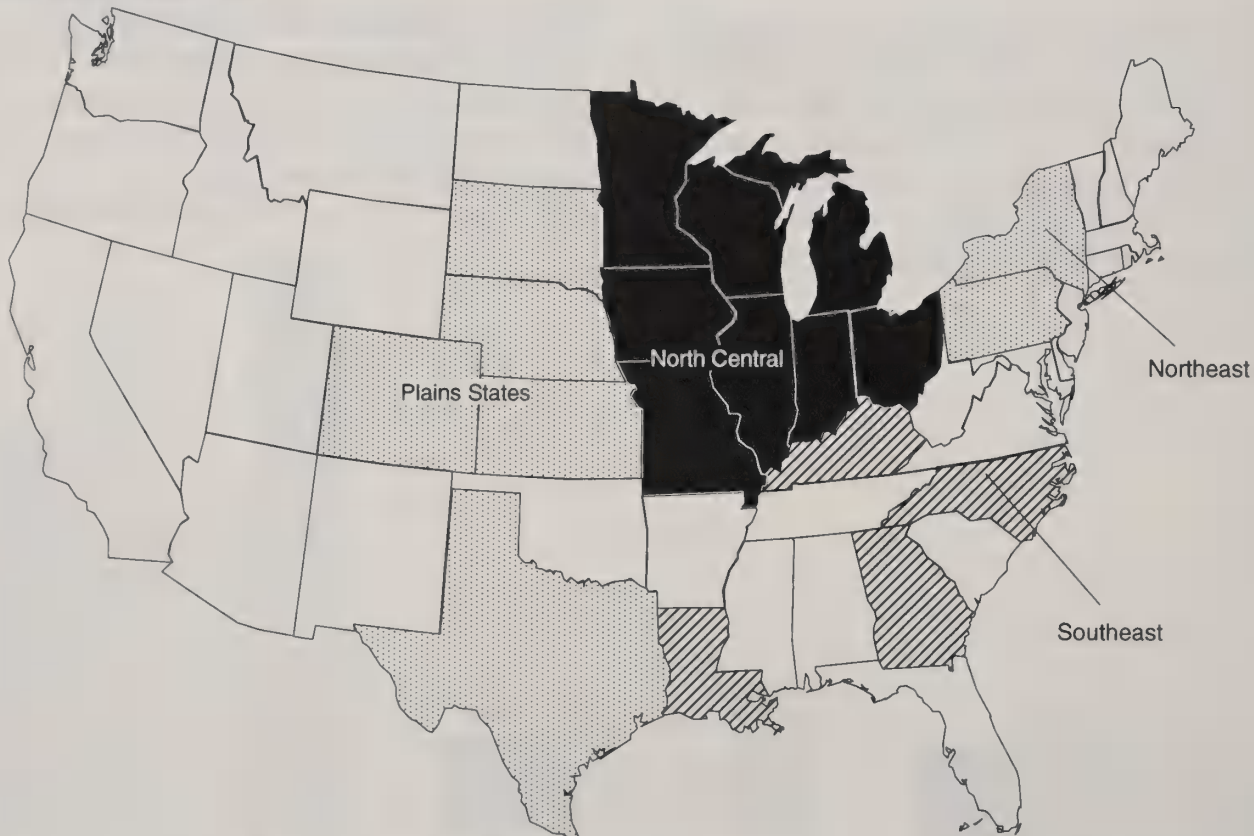
Dollars/planted acre



¹ Costs and returns do not include government payments.

Figure 8-4

Corn production regions



Producers in the States shaded were surveyed in 1991 about production practices and costs of production. Production regions are defined for each crop based on common cultural practices.

Table 8-1A—Corn production cash costs and returns, excluding direct government payments, 1993-94

Item	United States		Northeast		Southeast		North Central		Plains States	
	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994
<i>Dollars per planted acre</i>										
Gross value of production (excluding direct government payments):										
Corn	227.05	296.32	195.99	202.95	202.99	252.92	219.38	293.83	260.19	319.91
Total, gross value of production	227.05	296.32	195.99	202.95	202.99	252.92	219.38	293.83	260.19	319.91
Cash expenses:										
Seed	22.49	22.67	21.60	23.02	19.84	18.96	22.38	22.19	23.46	24.64
Fertilizer, lime, and gypsum	43.26	46.07	37.36	39.71	52.47	56.16	43.47	46.28	41.63	44.39
Chemicals	24.27	25.22	23.91	24.89	26.83	29.06	24.63	25.52	22.82	23.69
Custom operations ¹	8.97	10.05	9.14	9.16	3.60	3.94	8.27	9.55	11.99	12.68
Fuel, lube, and electricity	18.02	18.96	11.34	11.44	13.10	13.58	11.05	12.48	39.66	39.18
Repairs	13.95	16.13	12.06	13.07	16.83	19.25	12.74	15.31	17.05	18.26
Hired labor	7.55	7.54	12.63	12.89	15.98	16.37	6.05	6.07	9.42	9.38
Other variable cash expenses ²	0.43	0.44	0.00	0.00	0.00	0.00	0.00	0.00	1.77	1.81
Total, variable cash expenses	138.94	147.08	128.04	134.18	148.65	157.32	128.59	137.40	167.80	174.03
General farm overhead	8.98	13.49	4.63	6.89	8.00	12.30	8.32	12.48	11.64	17.40
Taxes and insurance	18.11	20.68	20.86	21.85	12.14	14.08	18.22	20.41	18.61	22.49
Interest	11.86	15.96	2.08	2.75	5.98	8.07	10.90	14.60	17.09	22.92
Total, fixed cash expenses	38.95	50.13	27.57	31.49	26.12	34.45	37.44	47.49	47.34	62.81
Total, cash expenses	177.89	197.21	155.61	165.67	174.77	191.77	166.03	184.89	215.14	236.84
Gross value of production less cash expenses	49.16	99.11	40.38	37.28	28.22	61.15	53.35	108.94	45.05	83.07
Harvest-period price (dollars/bu)	2.29	2.07	2.70	2.35	2.41	2.26	2.26	2.02	2.33	2.14
Yield (bu/planted acre)	99.15	143.15	72.59	86.36	84.23	111.91	97.07	145.46	111.67	149.49

Table 8-1B—Corn production economic costs and returns, excluding direct government payments, 1993-94

Item	United States		Northeast		Southeast		North Central		Plains States	
	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994
<i>Dollars per planted acre</i>										
Gross value of production (excluding direct government payments):										
Corn	227.05	296.32	195.99	202.95	202.99	252.92	219.38	293.83	260.19	319.91
Total, gross value of production	227.05	296.32	195.99	202.95	202.99	252.92	219.38	293.83	260.19	319.91
Economic (full ownership) costs:										
Variable cash expenses	138.94	147.08	128.04	134.18	148.65	157.32	128.59	137.40	167.80	174.03
General farm overhead	8.98	13.49	4.63	6.89	8.00	12.30	8.32	12.48	11.64	17.40
Taxes and insurance	18.11	20.68	20.86	21.85	12.14	14.08	18.22	20.41	18.61	22.49
Capital replacement	28.70	32.96	18.20	19.70	26.11	30.10	23.70	28.51	44.81	47.69
Operating capital	2.17	3.43	2.00	3.13	2.32	3.66	2.01	3.20	2.62	4.06
Other nonland capital	11.20	13.32	9.78	10.90	10.13	12.05	9.58	11.94	16.19	17.76
Land	54.89	66.48	30.73	30.45	45.08	52.90	61.92	74.43	40.24	51.05
Unpaid labor	24.11	24.03	30.40	30.53	20.16	20.31	25.09	24.98	21.27	21.23
Total, economic costs	287.10	321.47	244.64	257.63	272.59	302.72	277.43	313.35	323.18	355.71
Residual returns to management and risk	-60.05	-25.15	-48.65	-54.68	-69.60	-49.80	-58.05	-19.52	-62.99	-35.80
Harvest-period price (dollars/bu)	2.29	2.07	2.70	2.35	2.41	2.26	2.26	2.02	2.33	2.14
Yield (bu/planted acre)	99.15	143.15	72.59	86.36	84.23	111.91	97.07	145.46	111.67	149.49

¹Cost of custom operations, technical services, and commercial drying.²Cost of purchased irrigation water.

Table 8-1C—Corn production cash costs and returns, including direct government payments and program participation costs, 1993-94

Item	United States		Northeast		Southeast		North Central		Plains States	
	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994
<i>Dollars per planted acre</i>										
Gross value of production (including direct government payments):										
Market value of corn grain	227.05	296.32	195.99	202.95	202.99	252.92	219.38	293.83	260.19	319.91
Direct government payments ¹	21.97	42.19	10.67	18.92	17.11	25.01	23.32	45.32	20.65	39.40
Haying/grazing on ACR and CU acreage	0.71	0.11	0.37	0.18	0.47	0.27	0.52	0.02	1.33	0.34
Total, gross value of production	249.73	338.62	207.03	222.05	220.57	278.20	243.22	339.17	282.17	359.65
Cash expenses:										
Seed	22.49	22.67	21.60	23.02	19.84	18.96	22.38	22.19	23.46	24.64
Fertilizer, lime, and gypsum	43.26	46.07	37.36	39.71	52.47	56.16	43.47	46.28	41.63	44.39
Chemicals	24.46	25.25	23.91	24.89	26.89	29.09	24.74	25.53	23.25	23.80
Custom operations ²	8.97	10.05	9.14	9.16	3.60	3.94	8.27	9.55	11.99	12.68
Fuel, lube, and electricity	18.52	19.02	11.48	11.51	13.25	13.65	11.53	12.52	40.31	39.32
Repairs	14.10	16.15	12.18	13.13	17.01	19.33	12.89	15.32	17.21	18.30
Hired labor	7.66	7.56	12.69	12.92	16.06	16.41	6.14	6.08	9.60	9.43
Other variable cash expenses ³	1.45	0.59	0.77	0.38	0.62	0.32	1.02	0.08	2.91	2.10
Total, variable cash expenses	140.91	147.36	129.13	134.72	149.74	157.86	130.44	137.55	170.36	174.66
General farm overhead	9.62	17.72	5.51	10.06	8.50	15.90	9.12	16.76	11.84	21.70
Taxes and insurance	20.08	22.9	23.43	24.15	14.46	17.10	20.27	22.46	20.22	25.07
Interest	12.47	20.58	2.80	4.53	6.28	10.38	11.72	19.25	17.17	28.24
Total, fixed cash expenses	42.17	61.20	31.74	38.74	29.24	43.38	41.11	58.47	49.23	75.01
Total, cash expenses	183.08	208.56	160.87	173.46	178.98	201.24	171.55	196.02	219.59	249.67
Gross value of production less cash expenses	66.65	130.06	46.16	48.59	41.59	76.96	71.67	143.15	62.58	109.98
Harvest-period price (dollars/bu)	2.29	2.07	2.70	2.35	2.41	2.26	2.26	2.02	2.33	2.14
Yield (bu/planted acre)	99.15	143.15	72.59	86.36	84.23	111.91	97.07	145.46	111.67	149.49
Percent of planted corn acres in program	70	74	31	34	47	47	73	77	72	74

Table 8-1D—Corn production economic costs and returns, including direct government payments and program participation costs, 1993-94

Item	United States		Northeast		Southeast		North Central		Plains States	
	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994
<i>Dollars per planted acre</i>										
Gross value of production (including direct government payments):										
Market value of corn grain	227.05	296.32	195.99	202.95	202.99	252.92	219.38	293.83	260.19	319.91
Direct government payments ¹	21.97	42.19	10.67	18.92	17.11	25.01	23.32	45.32	20.65	39.40
Haying/grazing on ACR and CU acreage	0.71	0.11	0.37	0.18	0.47	0.27	0.52	0.02	1.33	0.34
Total, gross value of production	249.73	338.62	207.03	222.05	220.57	278.20	243.22	339.17	282.17	359.65
Economic (full ownership) costs:										
Variable cash expenses	140.91	147.36	129.13	134.72	149.74	157.86	130.44	137.55	170.36	174.66
General farm overhead	9.62	17.72	5.51	10.06	8.50	15.90	9.12	16.76	11.84	21.70
Taxes and insurance	20.08	22.90	23.43	24.15	14.46	17.10	20.27	22.46	20.22	25.07
Capital replacement	28.85	32.98	18.31	19.77	26.29	30.19	23.85	28.52	44.97	47.73
Operating capital	2.20	3.43	2.01	3.14	2.34	3.68	2.04	3.21	2.66	4.07
Other nonland capital	11.52	13.37	9.87	10.95	10.20	12.09	9.89	11.96	16.63	17.87
Land	61.46	75.87	29.83	30.20	48.21	57.30	69.68	85.18	45.12	58.70
Unpaid labor	24.50	24.07	30.53	30.60	20.21	20.34	25.51	25.00	21.66	21.31
Total, economic costs	299.14	337.70	248.62	263.59	279.95	314.46	290.80	330.64	333.46	371.11
Residual returns to management and risk	-49.41	0.92	-41.59	-41.54	-59.38	-36.26	-47.58	8.53	-51.29	-11.46
Harvest-period price (dollars/bu)	2.29	2.07	2.70	2.35	2.41	2.26	2.26	2.02	2.33	2.14
Yield (bu/planted acre)	99.15	143.15	72.59	86.36	84.23	111.91	97.07	145.46	111.67	149.49
Percent of planted corn acres in program	70	74	31	34	47	47	73	77	72	74

¹Deficiency payments. Payments are not adjusted for payment limitations.

²Cost of custom operations, technical services, and commercial drying.

³Cost of purchased irrigation water, cover crop seed, and other input items.

Soybean Production Costs Also Up, but Less than Corn

Rains slowed 1994 soybean planting in early May, but by the end of the month, over 75 percent of soybeans had been planted. The Corn Belt crop was stressed by heat in mid-June, and some acres had to be replanted in the middle Mississippi Valley due to late June hail. Harvest was slowed due to storms, but was nearly completed by late October.

U.S. soybean production in 1994 was a record high, up by 37 percent from the flood- and drought-damaged crops in 1993. Improved growing conditions in 1994 pushed the average yield 36 percent above 1993. Higher yields offset lower harvest prices, increasing the gross value of soybean production by 18 percent. The total economic cost per acre of U.S. soybean production was 7 percent higher in 1994, while the per acre cash cost was 5 percent higher. Costs were influenced by the greater value of soybean production, which raised the allocation of fixed cash costs to soybeans, and increased the share rent component of land cost. However, U.S. per bushel costs were much lower in 1994 due to improved yields (cash costs declined from \$3.70 per bushel in 1993 to \$2.87 in 1994).

Regional changes from 1993 to 1994 in soybean costs and returns mimicked the U.S. average as soybean yields were up in all major production regions. Yield and value of production increased the most in the Northern Plains region (63 percent yield increase and

40 percent value-of-production increase). In the other regions, yields and value of production were up by 30 and 15 percent, respectively, on average.

Per acre cash costs of soybean production increased by 4-7 percent among the major production regions, due primarily to the higher fixed cash costs and their method of allocation mentioned above. Among variable input items, costs for seed, fertilizer, chemicals, and repairs were generally higher in each region, while fuel costs declined. Regional economic costs were up by 6-11 percent due to higher replacement, capital, and land costs, as well as fixed costs. However, because of higher yields, per bushel cash and economic costs were much lower in all major production regions.

Returns above both cash and economic costs were much improved in 1994 in all regions. However, 1994 soybean production in the northern regions (North Central and Northern Plains) generated much greater returns than in the southern regions. Returns above cash costs were more than \$100 per acre in the northern regions compared with \$70 in the Delta and \$51 in the Southeast. Likewise, residual returns to management and risk were at least \$12 higher in the northern regions. Residual returns to management and risk for soybean production during 1994 were negative in all but the North Central region, where returns were more than \$8 per acre.

Figure 8-5

Soybean production, 1992-94

Soybeans, especially hard hit by weather in 1993, achieved record or near-record yields in 1994

Bushels/planted acre

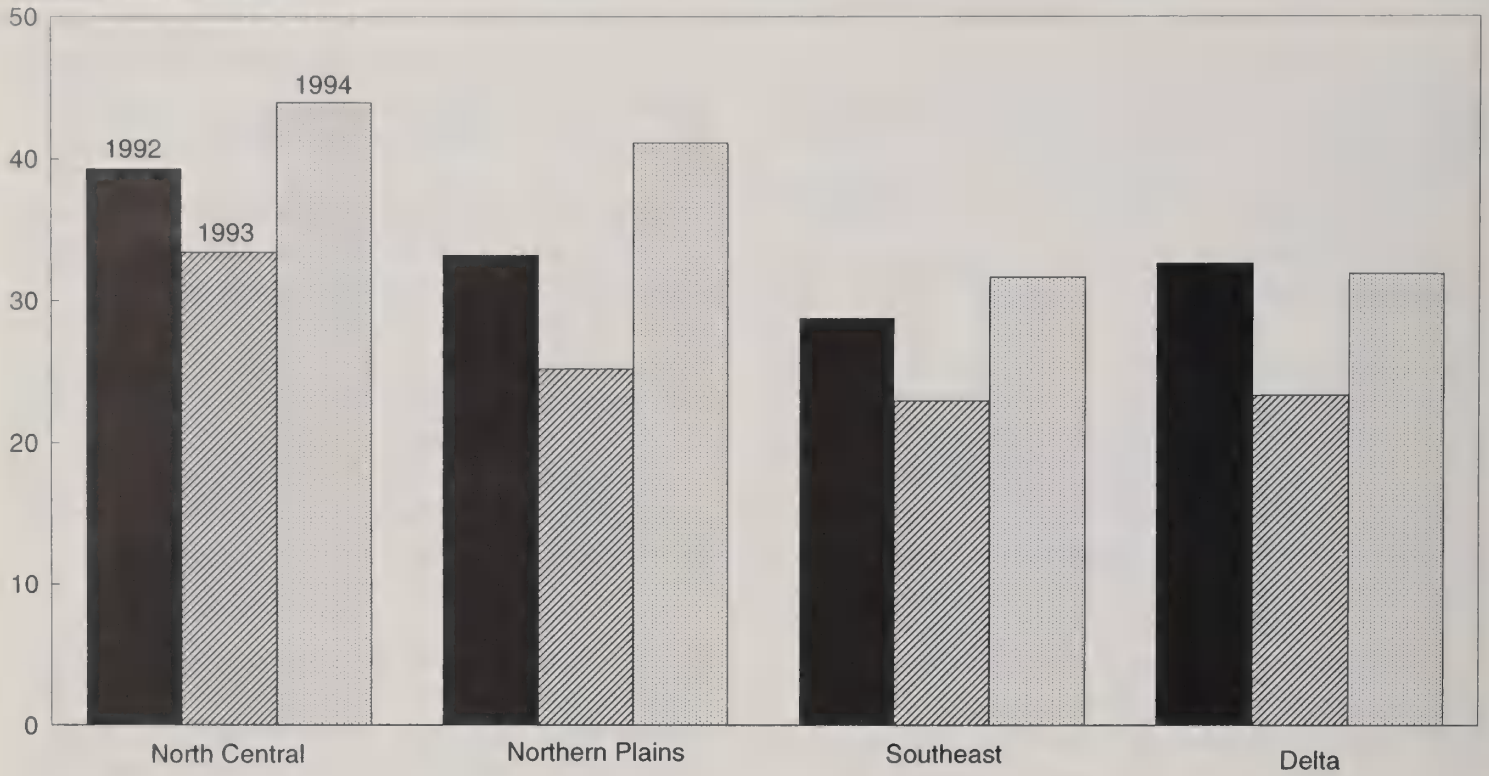
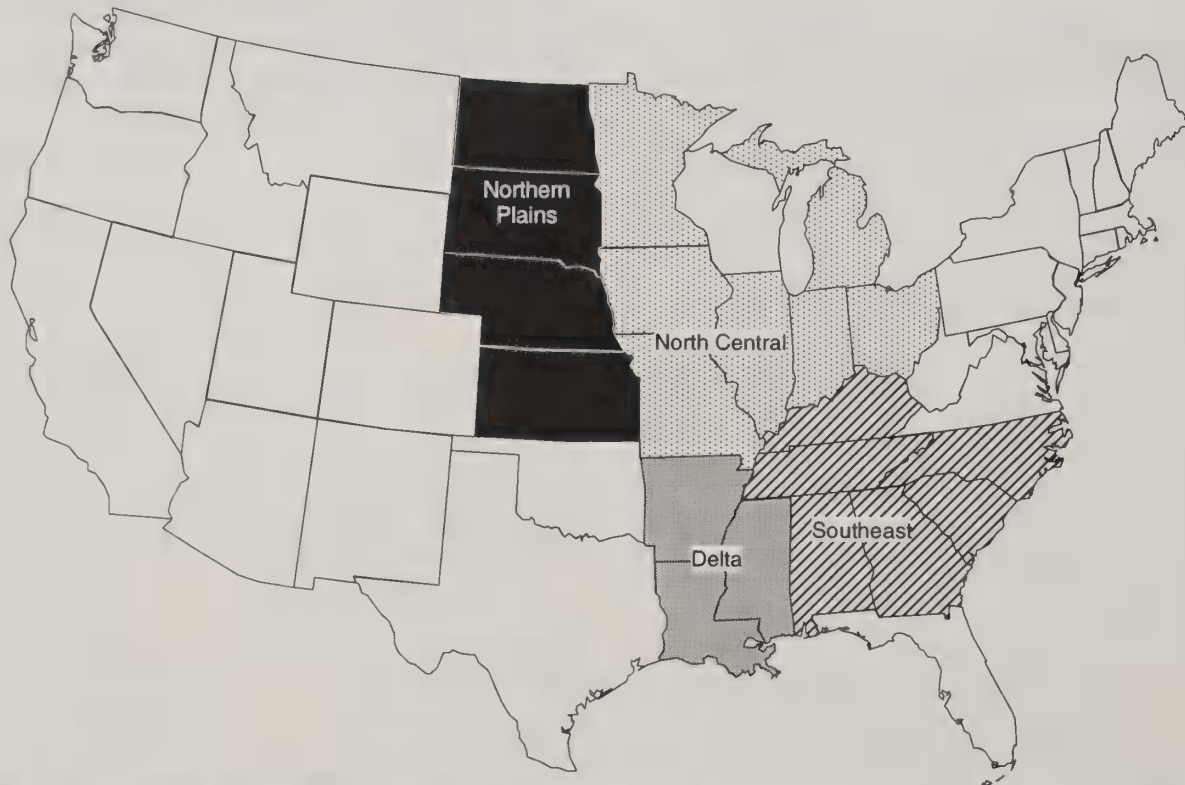


Figure 8-6

Soybean production regions



Producers in the States shaded were surveyed in 1990 about production practices and costs of production. Production regions are defined for each crop based on common cultural practices.

Table 8-2A—Soybean production cash costs and returns, 1993-94

Item	United States		North Central		Northern Plains		Southeast		Delta	
	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994
<i>Dollars per planted acre</i>										
Gross value of production:										
Soybeans	186.35	219.56	203.47	234.75	146.90	206.21	146.36	170.91	151.35	176.93
Total, gross value of production	186.35	219.56	203.47	234.75	146.90	206.21	146.36	170.91	151.35	176.93
Cash expenses:										
Seed	12.46	13.84	13.40	14.65	12.07	13.06	9.78	11.81	9.15	10.93
Fertilizer, lime, and gypsum	8.82	9.25	7.96	8.52	2.61	2.84	22.62	23.73	5.22	5.59
Chemicals	24.13	24.45	25.18	25.63	18.96	19.42	22.96	23.34	23.63	23.61
Custom operations ¹	3.55	3.73	3.88	4.12	2.45	2.45	2.31	2.56	3.87	3.95
Fuel, lube, and electricity	8.31	7.93	7.26	6.86	11.06	10.58	9.13	9.14	12.17	11.35
Repairs	9.61	10.50	8.88	9.72	10.13	10.98	11.12	12.54	12.74	13.54
Hired labor	6.10	6.02	4.46	4.51	5.30	5.09	11.86	11.98	12.29	12.03
Other variable cash expenses ²	0.04	0.04	0.02	0.02	0.22	0.21	0.00	0.00	0.00	0.00
Total, variable cash expenses	73.02	75.76	71.04	74.03	62.80	64.63	89.78	95.10	79.07	81.00
General farm overhead	9.79	11.03	10.81	12.17	8.31	9.30	6.75	7.64	7.61	8.63
Taxes and insurance	17.47	18.69	20.51	21.78	13.83	14.85	9.92	11.05	7.93	8.78
Interest	12.49	13.17	14.29	15.06	11.68	12.10	5.81	6.11	8.07	8.40
Total, fixed cash expenses	39.75	42.89	45.61	49.01	33.82	36.25	22.48	24.60	23.61	25.81
Total, cash expenses	112.77	118.65	116.65	123.04	96.62	100.88	112.26	119.90	102.68	106.81
Gross value of production less cash expenses	73.58	100.91	86.82	111.71	50.28	105.33	34.10	51.01	48.67	70.12
Harvest-period price (dollars/bu)	6.12	5.32	6.09	5.34	5.82	5.01	6.38	5.40	6.49	5.55
Yield (bu/planted acre)	30.45	41.27	33.41	43.96	25.24	41.16	22.94	31.65	23.32	31.88

Table 8-2B—Soybean production economic costs and returns, 1993-94

Item	United States		North Central		Northern Plains		Southeast		Delta	
	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994
<i>Dollars per planted acre</i>										
Gross value of production:										
Soybeans	186.35	219.56	203.47	234.75	146.90	206.21	146.36	170.91	151.35	176.93
Total, gross value of production	186.35	219.56	203.47	234.75	146.90	206.21	146.36	170.91	151.35	176.93
Economic (full ownership) costs:										
Variable cash expenses	73.02	75.76	71.04	74.03	62.80	64.63	89.78	95.10	79.07	81.00
General farm overhead	9.79	11.03	10.81	12.17	8.31	9.30	6.75	7.64	7.61	8.63
Taxes and insurance	17.47	18.69	20.51	21.78	13.83	14.85	9.92	11.05	7.93	8.78
Capital replacement	20.80	22.79	19.07	20.87	26.69	28.75	21.28	24.01	26.60	28.34
Operating capital	1.14	1.76	1.11	1.72	0.98	1.51	1.40	2.22	1.23	1.89
Other nonland capital	11.79	13.38	11.54	13.12	13.04	14.57	11.15	12.99	12.97	14.26
Land	51.44	56.21	59.14	62.86	41.54	55.76	29.35	29.88	31.87	36.48
Unpaid labor	18.72	18.78	19.72	19.80	20.62	19.80	15.49	15.98	12.91	12.50
Total, economic costs	204.17	218.40	212.94	226.35	187.81	209.17	185.12	198.87	180.19	191.88
Residual returns to management and risk	-17.82	1.16	-9.47	8.40	-40.91	-2.96	-38.76	-27.96	-28.84	-14.95
Harvest-period price (dollars/bu)	6.12	5.32	6.09	5.34	5.82	5.01	6.38	5.40	6.49	5.55
Yield (bu/planted acre)	30.45	41.27	33.41	43.96	25.24	41.16	22.94	31.65	23.32	31.88

¹Cost of custom operations and technical services.²Cost of purchased irrigation water.

Wheat Production Fell, but Prices Rose

U.S. wheat production dropped by 3.2 percent in 1994 because acres planted to wheat fell by about 2.4 percent and average yield fell by almost 1.6 percent. However, because the national average harvest-month price for wheat rose by 6.4 percent, gross value of U.S. wheat production per acre rose by 4.5 percent.

Production costs changed little at the national level in 1994, with variable expenses up by 69 cents per acre and fixed expenses up by 59 cents. Per acre total cash expenses rose by 1.6 percent, while economic costs rose by just over 2 percent. The lower yield, combined with increased variable costs, pushed variable costs per bushel up by 3 percent to \$1.68 per bushel. The increase in the gross value of production was more than enough to cover the increased expenses, so that residual returns to management and risk, though still decidedly negative (-\$51.63), improved slightly.

Regional increases in per acre total cash expenses ranged from less than 1 percent in the Pacific region to almost 4 percent in the Southeast, but despite some yield declines, gross value of production covered cash expenses in every region in 1994. Variable costs per acre were highest in the Pacific region, but remained basically stable in 1993-94. However, because average yield fell in the Pacific region, variable costs per bushel rose by 12 percent to \$1.91 compared with the U.S. average of \$1.67.

The highest per bushel variable cost for wheat was in the Southeast both in 1993 and 1994 (\$2.45 in 1993; \$2.08 in 1994), in spite of a 22-percent increase in yield in 1994. This high per unit cost for wheat was mitigated by extensive double-cropping (over 75 per-

cent) of wheat acreage in the Southeast, which often increases income at little additional expense.

National and regional averages masked a dramatic recovery in the production of durum during 1994 because durum was such a small share of total wheat production. In 1993, U.S. durum production dropped to 70.5 million bushels from 100 million bushels the year before, a result of decreased plantings and lower yields. The market price of durum jumped by 50 percent over its 1992 price and put the per bushel price of durum a dollar or more over other spring or winter wheat. That price differential held in 1994 because of continued tight U.S. and world supplies relative to demand.

In 1994, acres planted to durum increased by 27 percent from 1993 and by 12 percent from 1992. Yields were up in 1994, so production almost reached the 1992 level. As a result of the still rising price, durum's share of the total value of wheat production increased by nearly 50 percent from one year to the next, increasing from 4.2 percent of total wheat value in 1993 to 5.7 percent in 1994.

Four of the six States that produce durum are in the Northern Plains. This region produces 85 percent of all U.S. durum, and durum accounts for 12 percent of all Northern Plains wheat production. In fact, North Dakota alone produces more than three-fourths of all U.S. durum, although only one-fifth of North Dakota wheat is durum. Production of durum and its premium price may partly explain why the Northern Plains harvest-period price trailed the Nation's in 1989-92 but pulled ahead in 1993-94.

Figure 8-7

Wheat production, 1992-94

Durum wheat production rose in 1994

Million bushels

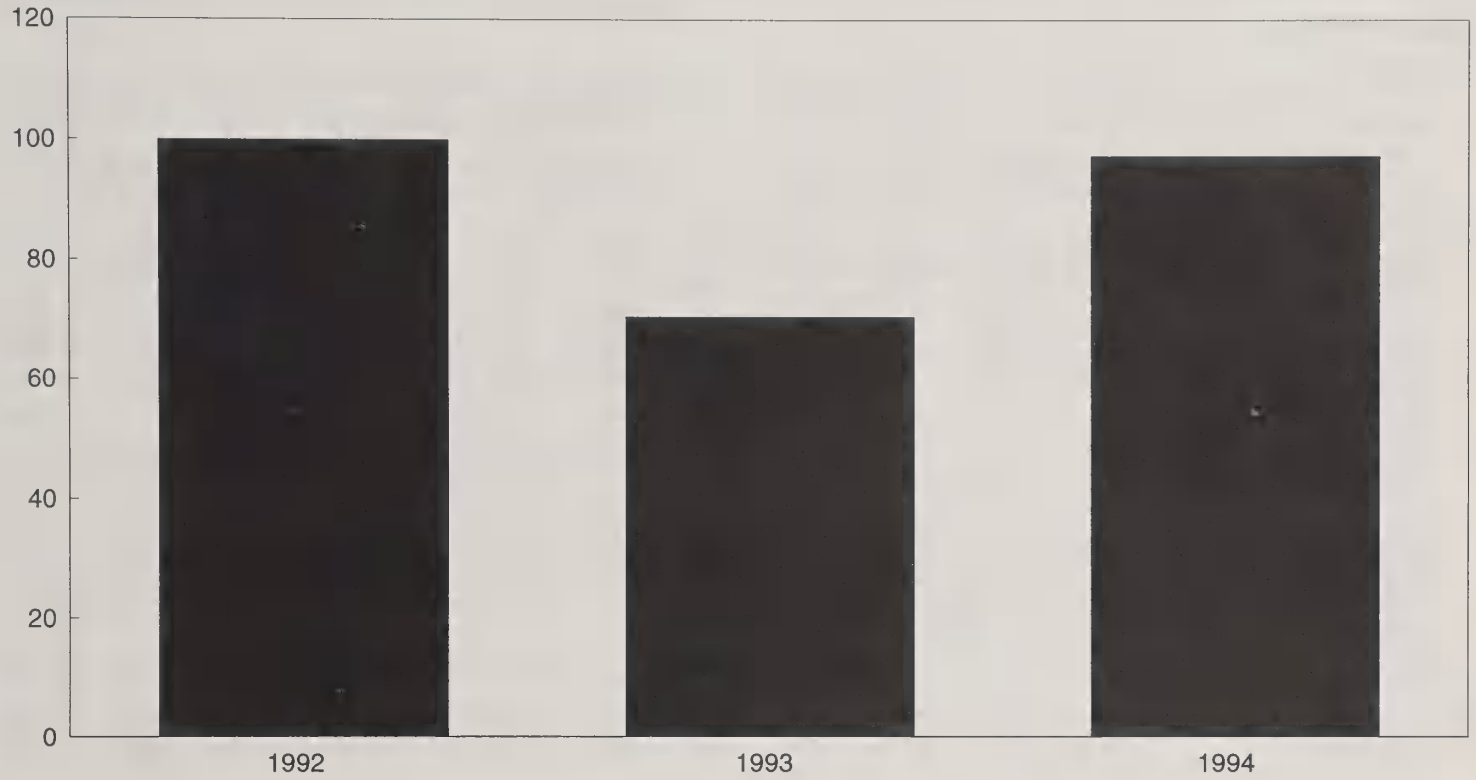
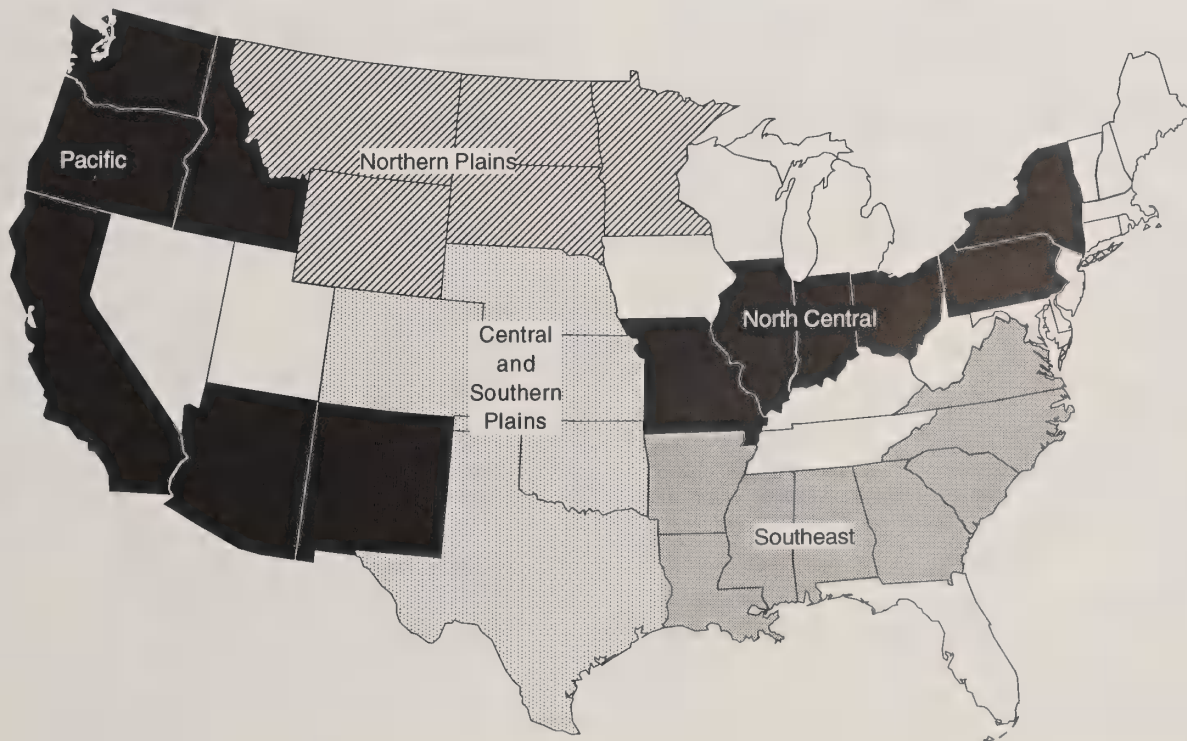


Figure 8-8

Wheat production regions



Producers in the States shaded were surveyed in 1989 about production practices and costs of production. Production regions are defined for each crop based on common cultural practices.

Table 8-3A—Wheat production cash costs and returns, excluding direct government payments, 1993-94

Item	United States		North Central		Southeast		Northern Plains		Central and Southern Plains		Pacific	
	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994
<i>Dollars per planted acre</i>												
Gross value of production (excluding direct government payments):												
Wheat	99.21	103.64	110.14	142.64	95.96	130.30	102.82	98.33	74.09	81.22	196.69	188.40
Wheat straw	1.24	1.31	11.18	13.79	1.81	1.94	0.64	0.59	0.37	0.43	1.35	1.55
Total, gross value of production	100.45	104.95	121.32	156.43	97.77	132.24	103.46	98.92	74.46	81.65	198.04	189.95
Cash expenses:												
Seed	6.94	7.01	13.72	12.78	13.72	13.41	6.45	7.44	5.26	4.83	10.89	10.90
Fertilizer, lime, and gypsum	14.37	15.21	40.17	42.94	33.70	35.85	9.38	10.51	11.37	12.50	28.60	27.45
Chemicals	6.35	6.18	2.85	3.07	7.78	7.71	8.08	7.78	3.49	3.36	16.60	16.25
Custom operations ¹	4.27	4.87	5.71	6.90	7.81	9.25	2.68	3.02	4.89	5.51	6.07	7.31
Fuel, lube, and electricity	8.90	8.12	6.74	6.14	7.14	6.61	7.81	7.09	8.64	7.84	18.65	17.48
Repairs	7.53	7.55	4.89	5.00	6.90	6.90	7.41	7.42	7.77	7.76	9.03	8.99
Hired labor	5.33	5.41	3.67	3.82	9.85	10.21	3.85	3.75	4.85	5.01	15.04	15.50
Other variable cash expenses ²	0.20	0.23	0.00	0.00	0.00	0.00	0.01	0.01	0.05	0.05	2.27	2.71
Total, variable cash expenses	53.89	54.58	77.75	80.65	86.90	89.94	45.67	47.02	46.32	46.86	107.15	106.59
General farm overhead	6.04	6.39	9.87	10.63	8.19	8.69	6.01	6.40	4.28	4.55	12.59	13.49
Taxes and insurance	10.39	10.74	17.71	18.38	10.11	10.67	10.22	10.75	9.17	9.43	12.89	13.49
Interest	7.87	7.76	12.04	11.46	8.16	8.37	8.98	8.93	5.47	5.44	12.95	12.89
Total, fixed cash expenses	24.30	24.89	39.62	40.47	26.46	27.73	25.21	26.08	18.92	19.42	38.43	39.87
Total, cash expenses	78.19	79.47	117.37	121.12	113.36	117.67	70.88	73.10	65.24	66.28	145.58	146.46
Gross value of production less cash expenses	22.26	25.48	3.95	35.31	-15.59	14.57	32.58	25.82	9.22	15.37	52.46	43.49
Harvest-period price (dollars/bu)	2.99	3.18	2.67	2.92	2.71	3.01	3.39	3.34	2.70	3.05	3.13	3.38
Yield (bu/planted acre)	33.18	32.59	41.25	48.85	35.41	43.29	30.33	29.44	27.44	26.63	62.84	55.74

Table 8-3B—Wheat production economic costs and returns, excluding direct government payments, 1993-94

Item	United States		North Central		Southeast		Northern Plains		Central and Southern Plains		Pacific	
	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994
<i>Dollars per planted acre</i>												
Gross value of production (excluding direct government payments):												
Wheat	99.21	103.64	110.14	142.64	95.96	130.30	102.82	98.33	74.09	81.22	196.69	188.40
Wheat straw	1.24	1.31	11.18	13.79	1.81	1.94	0.64	0.59	0.37	0.43	1.35	1.55
Total, gross value of production	100.45	104.95	121.32	156.43	97.77	132.24	103.46	98.92	74.46	81.65	198.04	189.95
Economic (full ownership) costs:												
Variable cash expenses	53.89	54.58	77.75	80.65	86.90	89.94	45.67	47.02	46.32	46.86	107.15	106.59
General farm overhead	6.04	6.39	9.87	10.63	8.19	8.69	6.01	6.40	4.28	4.55	12.59	13.49
Taxes and insurance	10.39	10.74	17.71	18.38	10.11	10.67	10.22	10.75	9.17	9.43	12.89	13.49
Capital replacement	11.38	11.37	9.65	9.69	10.52	10.51	11.45	11.44	10.46	10.45	18.23	18.19
Operating capital	0.84	1.27	1.21	1.88	1.36	2.10	0.71	1.10	0.72	1.09	1.67	2.48
Other nonland capital	13.84	14.22	16.54	17.36	11.96	12.24	14.72	15.14	12.76	13.11	14.44	14.82
Land	47.25	48.40	24.95	37.14	14.81	16.70	59.68	57.52	34.58	38.34	91.24	84.44
Unpaid labor	9.69	9.61	17.50	18.30	9.03	9.54	11.04	10.81	6.93	7.00	13.23	13.09
Total, economic costs	153.32	156.58	175.18	194.03	152.88	160.39	159.50	160.18	125.22	130.83	271.44	266.59
Residual returns to management and risk	-52.87	-51.63	-53.86	-37.60	-55.11	-28.15	-56.04	-61.26	-50.76	-49.18	-73.40	-76.64
Harvest-period price (dollars/bu)	2.99	3.18	2.67	2.92	2.71	3.01	3.39	3.34	2.70	3.05	3.13	3.38
Yield (bu/planted acre)	33.18	32.59	41.25	48.85	35.41	43.29	30.33	29.44	27.44	26.63	62.84	55.74

¹Cost of custom operations and technical services.²Cost of purchased irrigation water.

Note: These estimates are updated from 1989 survey data. A new 1994 estimate will be calculated when the 1994 wheat survey data are available.

Cotton Returns Driven by Conditions in Asia

U.S. cotton production has seen a major increase in the last 2-3 years. Prices have been relatively high due to crop damage in Asia. The Southeast, in particular, has seen the high prices as an opportunity to get back into a business that was associated with the region for most of U.S. history.

The 1994 production year was good for Southeastern cotton growers. Dry weather in April allowed planting in the region to start and stay ahead of the average. Weather across the cotton belt was favorable, and the crop's development remained ahead of average. Harvest conditions varied across the major production regions due to varying weather, but the harvest ended 3 percentage points ahead of the average.

Cotton returns increased from 1993 to 1994 as a result of a 22-percent increase in U.S. production and an 8-percent increase in cotton prices. Cotton prices were higher in 1994 due, in part, to a strong export demand for cotton. Acres planted to cotton declined in the Delta and Southern Plains by about 1 and 2 percent, respectively, from 1993 to 1994 and increased in the Southeast and Southwest by 17 and 2 percent, respectively. Average U.S. cotton yields increased by 17 percent after declining for 2 years. The Southeast and Delta had increases in yield per planted acre from 1993 to 1994 of 59 and 47 percent, respectively.

Total variable cash expenses for the United States increased by about 2 percent from 1993 to 1994. The Southwest had the highest increase in total variable cash expenses (4 percent), while expenses in the Southern Plains remained about the same. U.S. total fixed cash expenses increased by almost 8 percent as a result of the higher value of cotton, which affected the allocation of fixed costs, and higher interest rates. Increases in regional total fixed cash expenses ranged from 5 percent in the Delta to 9 percent in the Southern Plains.

U.S. total economic costs increased from \$441.02 in 1993 to \$464.26 in 1994. Capital replacement increased by \$2.32 per acre from 1993 to 1994. The higher value of cotton influenced regional land costs. Land costs in the Southeast, Delta, Southern Plains, and Southwest rose by 30, 25, 28 and 19 percent, respectively, from 1993 to 1994.

When the direct effects of government programs for cotton are included in the estimates, gross returns, production costs, and net returns are all higher. Deficiency payments for cotton decreased by 14 cents per pound (due to the higher market prices) from 1993 to 1994. Marketing loan proceeds were zero in 1994. The additional production costs are those incurred by producers to participate in the government program for cotton, such as cover crop seed, fuel and lubricants, repairs, chemicals, custom operations, labor, etc.

Figure 8-9

Cotton production, 1992-95

Southeastern States re-entered cotton business in a big way in last 3 years

Million acres planted

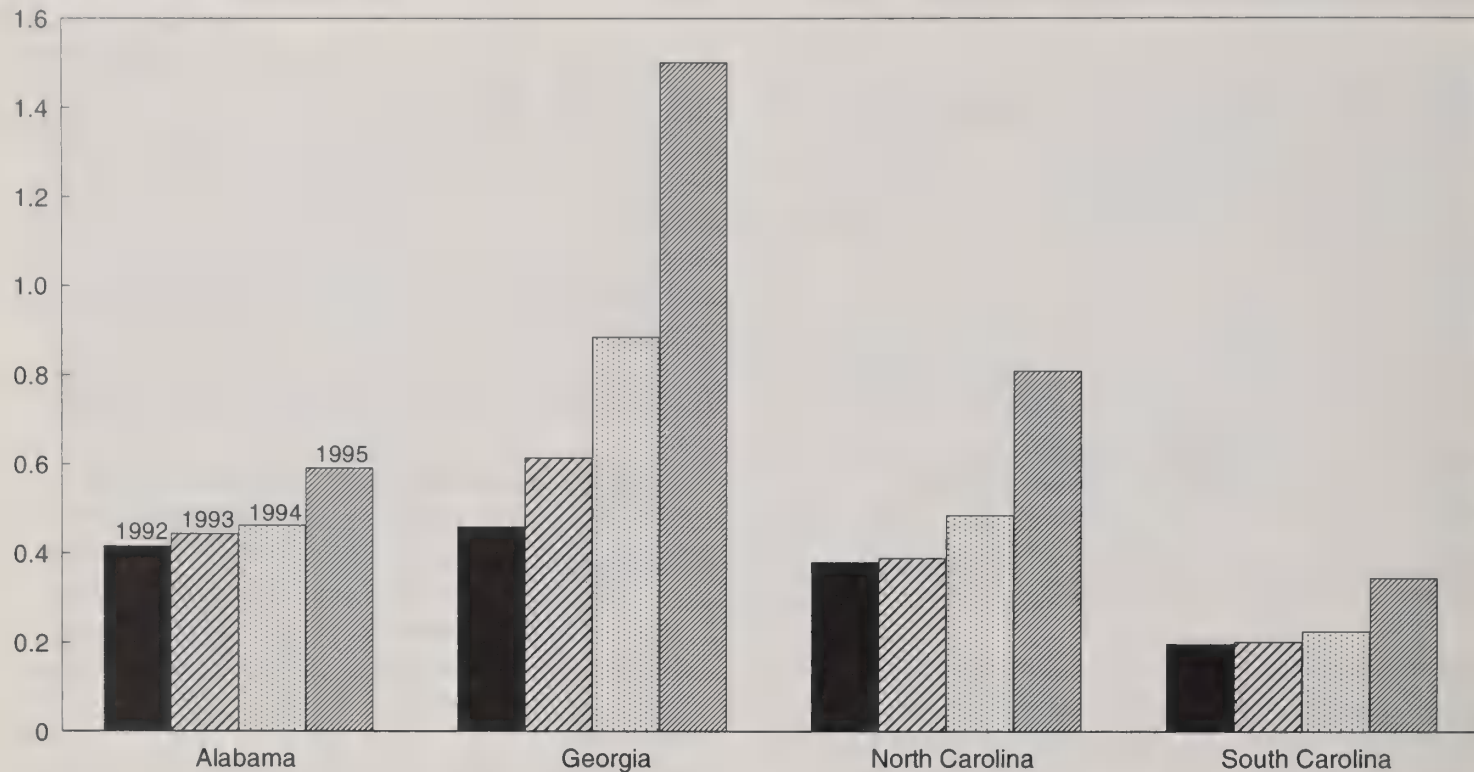
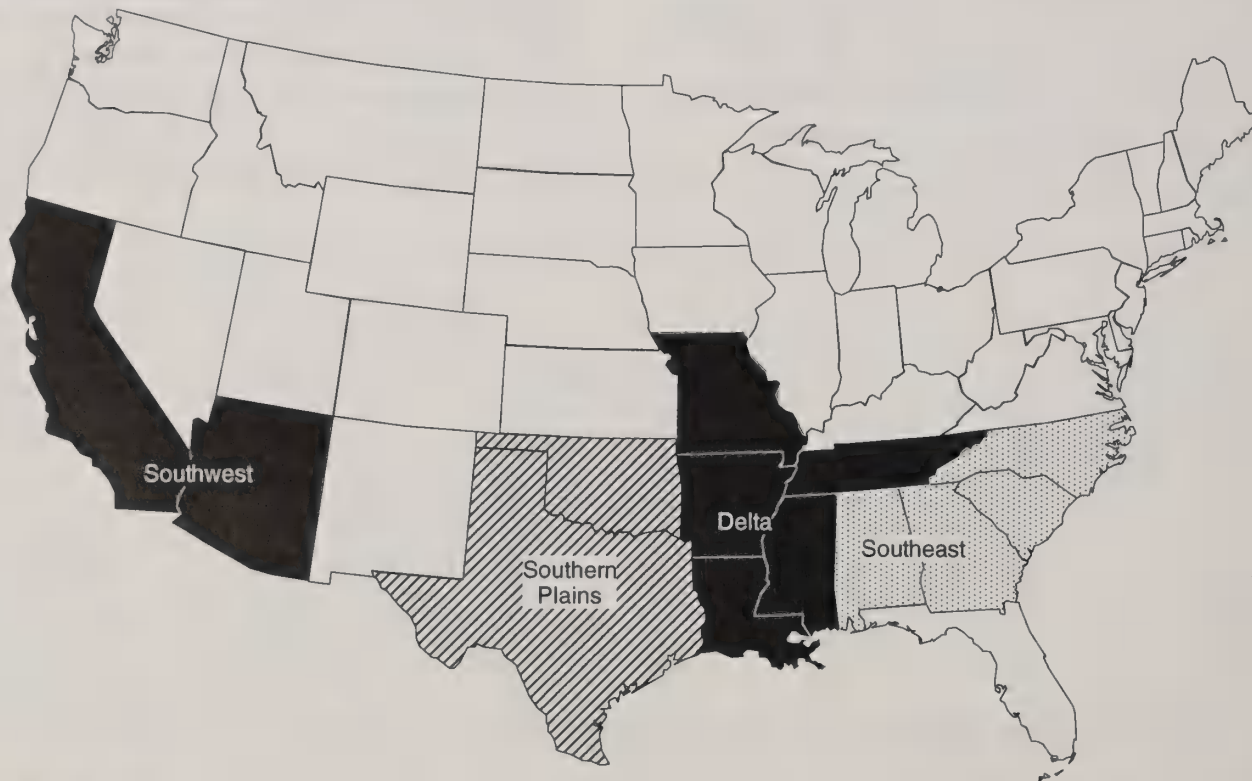


Figure 8-10

Cotton production regions



Producers in the States shaded were surveyed in 1991 about production practices and costs of production. Production regions are defined for each crop based on common cultural practices.

Table 8-4A—Cotton production cash costs and returns, excluding direct government payments, 1993-94

Item	United States		Southeast		Delta		Southern Plains		Southwest	
	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994
<i>Dollars per planted acre</i>										
Gross value of production (excluding direct government payments):										
Cotton	274.80	421.04	288.42	540.31	308.08	572.52	178.95	235.23	577.40	695.12
Cottonseed	51.31	56.35	36.92	58.36	45.49	62.37	38.30	33.00	131.40	131.24
Total, gross value of production	326.11	477.39	325.34	598.67	353.57	634.89	217.25	268.23	708.80	826.36
Cash expenses:										
Seed	14.31	14.79	9.10	10.11	8.84	9.58	18.59	16.84	13.73	15.16
Fertilizer, lime, and gypsum	36.28	38.16	45.97	48.12	44.26	48.03	23.18	23.96	65.49	65.43
Chemicals	49.63	49.87	79.64	81.05	84.24	85.06	20.70	20.49	49.43	55.23
Custom operations	17.67	19.59	13.53	15.20	21.00	23.13	8.17	9.02	58.85	65.50
Fuel, lube, and electricity	33.00	31.03	23.24	21.88	28.23	26.60	35.87	33.69	44.71	41.98
Repairs	25.37	25.67	31.26	31.39	37.81	38.06	30.80	31.39	36.32	36.64
Hired labor	38.56	39.47	22.62	23.22	47.42	46.46	21.34	22.27	115.65	120.08
Ginning	51.29	52.74	58.40	60.05	63.93	65.74	31.96	32.86	99.46	102.28
Other variable cash expenses ¹	5.40	5.63	0.00	0.00	0.01	0.01	0.25	0.27	48.49	50.53
Total, variable cash expenses	271.51	276.95	283.76	291.02	335.74	342.67	190.86	190.79	532.13	552.83
General farm overhead	15.11	17.05	11.71	13.21	15.63	17.62	12.94	14.6	28.53	32.18
Taxes and insurance	20.03	22.35	16.13	18.22	21.36	22.47	16.58	18.44	41.95	47.30
Interest	17.77	17.68	21.14	21.04	23.46	23.34	9.41	9.37	37.63	37.45
Total, fixed cash expenses	52.91	57.08	48.98	52.47	60.45	63.43	38.93	42.41	108.11	116.93
Total, cash expenses	324.42	334.03	332.74	343.49	396.19	406.10	229.79	233.20	640.24	669.76
Gross value of production less cash expenses	1.69	143.36	-7.40	255.18	-42.62	228.79	-12.54	35.03	68.56	156.60
Harvest-period price (dollars/lb)	0.50	0.64	0.57	0.67	0.53	0.67	0.47	0.62	0.51	0.67
Yield (lbs/planted acre)	549.60	657.87	506.00	806.44	581.29	854.51	380.74	379.40	1,132.15	1,037.49

Table 8-4B—Cotton production economic costs and returns, excluding direct government payments, 1993-94

Item	United States		Southeast		Delta		Southern Plains		Southwest	
	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994
<i>Dollars per planted acre</i>										
Gross value of production (excluding direct government payments):										
Cotton	274.80	421.04	288.42	540.31	308.08	572.52	178.95	235.23	577.40	695.12
Cottonseed	51.31	56.35	36.92	58.36	45.49	62.37	38.30	33.00	131.40	131.24
Total, gross value of production	326.11	477.39	325.34	598.67	353.57	634.89	217.25	268.23	708.80	826.36
Economic (full ownership) costs:										
Variable cash expenses	271.51	276.95	283.76	291.02	335.74	342.67	190.86	190.79	532.13	552.83
General farm overhead	15.11	17.05	11.71	13.21	15.63	17.62	12.94	14.60	28.53	32.18
Taxes and insurance	20.03	22.35	16.13	18.22	21.36	22.47	16.58	18.44	41.95	47.30
Capital replacement	48.63	49.21	51.54	56.69	66.73	69.94	28.25	29.99	70.22	73.77
Operating capital	4.24	6.45	4.43	6.78	5.24	7.98	2.98	4.45	8.30	12.88
Other nonland capital	17.44	17.66	20.12	20.21	20.78	20.91	12.89	13.13	26.74	26.97
Land ²	38.03	47.45	26.32	34.11	64.46	80.60	21.78	27.80	64.26	76.46
Unpaid labor	26.03	27.14	22.97	23.59	22.12	21.66	26.61	27.76	45.32	47.06
Total, economic costs	441.02	464.26	436.98	463.83	552.06	583.85	312.89	326.96	817.45	869.45
Residual returns to management and risk	-114.91	13.13	-111.64	134.84	-198.49	51.04	-95.64	-58.73	-108.65	-43.09
Harvest-period price (dollars/lb)	0.50	0.64	0.57	0.67	0.53	0.67	0.47	0.62	0.51	0.67
Yield (lbs/planted acre)	549.60	657.87	506.00	806.44	581.29	854.51	380.74	379.40	1,132.15	1,037.49

¹Cost of purchased irrigation water.²Land costs on planted row basis.

Table 8-4C—Cotton production cash costs and returns, including direct government payments and program participation costs, 1993-94

Item	United States		Southeast		Delta		Southern Plains		Southwest	
	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994
<i>Dollars per planted acre</i>										
Gross value of production (including direct government payments):										
Cotton	274.80	421.04	288.42	540.31	308.08	572.52	178.95	235.23	577.40	695.12
Cottonseed	51.31	56.35	36.92	58.36	45.49	62.37	38.30	33.00	131.40	131.24
Deficiency payments	103.58	25.01	106.58	24.93	120.13	29.09	73.93	18.14	167.42	40.33
Marketing loan proceeds	15.48	0.00	14.34	0.00	16.93	0.00	11.05	0.00	29.17	0.00
Haying/grazing on ACR acreage	0.46	0.49	0.00	0.00	0.00	0.00	0.95	1.02	0.00	0.00
Total, gross value of production	445.63	502.89	446.26	623.60	490.63	663.98	303.18	287.39	905.39	866.69
Cash expenses:										
Seed	14.84	15.33	9.48	10.54	9.26	10.03	19.10	17.31	13.86	15.30
Fertilizer, lime, and gypsum	36.28	38.16	46.00	48.12	44.26	48.03	23.18	23.96	65.41	65.43
Chemicals	49.63	49.87	79.64	81.05	84.24	85.06	20.70	20.49	49.43	55.23
Custom operations	17.82	19.75	13.53	15.20	22.51	25.30	8.21	9.06	58.98	65.64
Fuel, lube, and electricity	33.20	31.21	23.31	21.95	28.34	26.71	36.15	33.96	44.88	42.14
Repairs	25.65	25.96	31.33	31.47	37.93	38.18	31.02	31.61	36.59	36.92
Hired labor	38.73	39.64	22.68	23.28	47.51	46.54	21.60	22.54	115.81	120.25
Ginning	51.29	52.74	58.40	60.05	63.93	65.74	31.96	32.86	99.46	102.28
Other variable cash expenses ¹	5.69	5.79	0.04	0.04	0.08	0.09	0.38	0.39	50.59	51.29
Total, variable cash expenses	273.13	278.45	284.41	291.70	338.06	345.68	192.30	192.18	535.01	554.48
General farm overhead	15.09	17.68	11.70	13.71	15.60	18.28	12.92	15.14	28.49	33.38
Taxes and insurance	20.74	23.18	16.79	18.91	21.28	23.31	16.94	18.90	43.51	49.06
Interest	17.93	18.34	21.34	21.83	23.67	24.21	9.50	9.72	37.97	38.85
Total, fixed cash expenses	53.76	59.20	49.83	54.45	60.55	65.80	39.36	43.76	109.97	121.29
Total, cash expenses	326.89	337.65	334.24	346.15	398.61	411.48	231.66	235.94	644.98	675.77
Gross value of production less cash expenses	118.74	165.24	112.02	277.45	92.02	252.50	71.52	51.45	260.41	190.92
Harvest-period price (dollars/lb)	0.50	0.64	0.57	0.67	0.53	0.67	0.47	0.62	0.51	0.67
Yield (lbs/planted acre)	549.60	657.87	506.00	806.44	581.29	854.51	380.74	379.40	1132.15	1037.49
Participation rate	0.91	0.89	0.90	0.84	0.93	0.91	0.93	0.92	0.82	0.80

Table 8-4D—Cotton production economic costs and returns, including direct government payments and program participation costs, 1993-94

Item	United States		Southeast		Delta		Southern Plains		Southwest	
	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994
<i>Dollars per planted acre</i>										
Gross value of production (including direct government payments):										
Cotton	274.80	421.04	288.42	540.31	308.08	572.52	178.95	235.23	577.40	695.12
Cottonseed	51.31	56.35	36.92	58.36	45.49	62.37	38.30	33.00	131.40	131.24
Deficiency payments	103.58	25.01	106.58	24.93	120.13	29.09	73.93	18.14	167.42	40.33
Marketing loan proceeds	15.48	0.00	14.34	0.00	16.93	0.00	11.05	0.00	29.17	0.00
Haying/grazing on ACR acreage	0.46	0.49	0.00	0.00	0.00	0.00	0.95	1.02	0.00	0.00
Total, gross value of production	445.63	502.89	446.26	623.60	490.63	663.98	303.18	287.39	905.39	866.69
Economic (full ownership) costs:										
Variable cash expenses	273.13	278.45	284.41	291.70	338.06	345.68	192.30	192.18	535.01	554.48
General farm overhead	15.09	17.68	11.70	13.71	15.60	18.28	12.92	15.14	28.49	33.38
Taxes and insurance	20.74	23.18	16.79	18.91	21.28	23.31	16.94	18.90	43.51	49.06
Capital replacement	48.99	49.58	59.42	59.68	69.67	70.13	29.94	30.51	73.55	74.20
Operating capital	4.26	6.49	4.44	6.80	5.27	8.05	3.00	4.48	8.35	12.92
Other nonland capital	17.62	17.83	18.37	19.92	19.04	20.65	12.14	13.16	24.44	26.51
Land ²	36.14	45.10	29.94	35.74	66.48	83.12	18.16	23.17	56.61	67.35
Unpaid labor	28.63	29.86	25.27	25.95	25.05	24.54	29.28	30.55	49.86	51.77
Total, economic costs	444.60	468.17	450.34	472.41	560.45	593.76	314.68	328.09	819.82	869.67
Residual returns to management and risk	1.03	34.72	-4.08	151.19	-69.82	70.22	-11.50	-40.70	85.57	-2.98
Harvest-period price (dollars/lb)	0.50	0.64	0.57	0.67	0.53	0.67	0.47	0.62	0.51	0.67
Yield (lbs/planted acre)	549.60	657.87	506.00	806.44	581.29	854.51	380.74	379.40	1132.15	1037.49
Participation rate	0.91	0.89	0.90	0.84	0.93	0.91	0.93	0.92	0.82	0.80

¹Cost of purchased irrigation water.

²Land costs on planted row basis.

Rice Economics Also Affected by Conditions Abroad

The 1994 rice production season started late due to heavy rains, which delayed field preparation, but planting caught up and ended ahead of normal. Rice was generally unaffected by June's heat wave, but there were some disease problems in early July in the Delta States. Harvest was ahead of normal despite some rain delays in the Delta.

U.S. harvest-month prices were higher in 1994 than in 1993. Strong world demand, spurred by poor crops in Indonesia and Bangladesh and aided by changes in China's domestic policy and by Iran's strong presence in the import market, provided steady support to world prices. Asian rice exporters, such as Thailand and Vietnam, sold most of their exportable supplies in Asia, leaving the United States competitor-free in the Latin American market.

Despite a record crop in the United States, steady world prices provided strong support to U.S. prices. The price impact from Japan's surprise entry into the import market in 1993/94 began after the 1993 U.S. harvest and ended before the 1994 harvest and so did not influence the price comparisons discussed above.

Higher rice prices and record yields boosted 1994 gross value of production per planted acre by 25 percent compared with 1993. Cash expenses and economic costs also increased, but at a lesser rate than value

of production. Higher cash expenses largely reflected a significant increase in seed costs per planted acre. Most other costs were also higher.

Regionally, the Gulf Coast and California made the largest gains in value of production. Rice prices were higher in these regions at harvest than in other areas. California and the Arkansas non-Delta regions again had the highest value of production per acre. Total cash expenses and economic costs increased the most in the Gulf Coast and the least in the Mississippi River Delta. Value of production less cash expenses was positive in the Mississippi River Delta and the Arkansas non-Delta compared with all regions being negative in 1993. Residual returns to management and risk (value of production minus economic costs) showed the most improvement in the Gulf Coast and California and the least in the Arkansas non-Delta region. The Mississippi River Delta and the Arkansas non-Delta continued to have the least negative returns to management and risk.

Government payments were needed in the Gulf Coast and California regions to maintain positive returns for value of production less cash expenses. Even with Government payments included, residual returns to management (value of production minus economic costs) were negative for all regions in 1994.

Figure 8-11

Net cash returns from rice, 1994

Rice program payments are usually necessary to cover cash costs of production

Dollars/planted acre

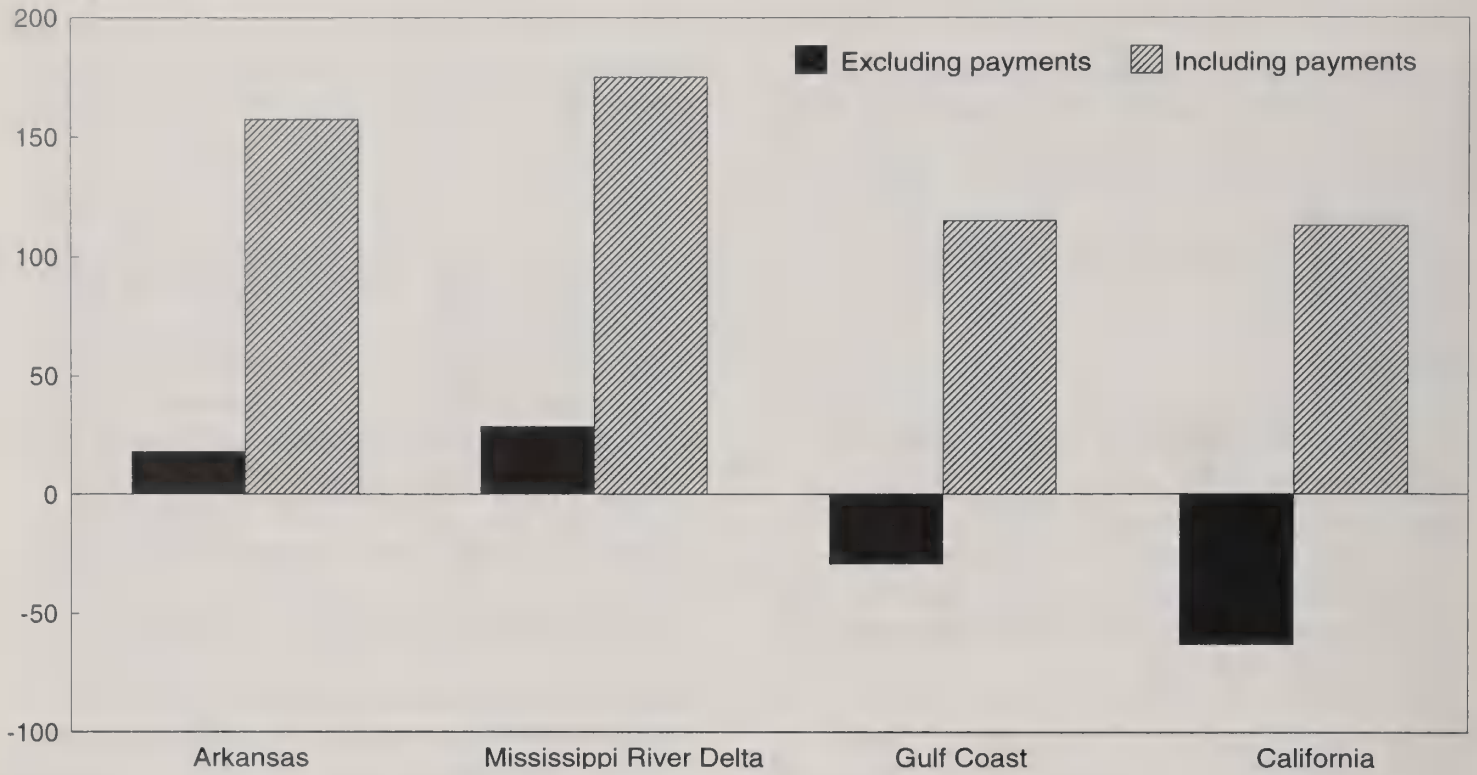


Figure 8-12

Rice production regions



Producers in the States shaded were surveyed in 1992 about production practices and costs of production. Production regions are defined for each crop based on common cultural practices.

Table 8-5A—Rice production cash costs and returns, excluding direct government payments, 1993-94

Item	United States		Arkansas (non-Delta)		Mississippi River Delta		Gulf Coast		California	
	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994
<i>Dollars per planted acre</i>										
Gross value of production (excluding direct government payments):										
Rice	322.16	402.56	316.03	386.78	300.23	378.78	256.50	381.62	460.36	574.86
Total, gross value of production	322.16	402.56	316.03	386.78	300.23	378.78	256.50	381.62	460.36	574.86
Cash expenses:										
Seed	19.49	28.14	19.26	29.53	18.03	28.34	19.71	27.85	21.45	25.74
Fertilizer	43.18	45.72	38.91	40.54	39.19	43.59	45.92	48.29	52.05	54.23
Chemicals	55.67	58.33	53.11	55.65	54.39	56.99	51.23	53.68	68.25	71.52
Custom operations ¹	44.66	45.75	34.22	34.49	33.86	34.71	40.11	40.82	83.68	87.13
Fuel, lube, and electricity	60.28	62.51	57.29	61.60	60.64	64.15	57.08	59.64	69.82	66.21
Repairs	26.06	28.09	25.11	27.17	23.66	25.05	25.68	28.30	31.36	33.30
Hired labor	33.73	33.33	30.42	30.05	29.69	29.33	35.33	34.90	42.60	42.09
Drying ²	27.94	30.56	21.69	25.14	10.64	12.05	26.09	29.34	63.69	65.40
Other variable cash expenses ³	10.86	11.08	1.01	1.03	0.01	0.01	19.26	19.65	30.55	31.17
Total, variable cash expenses	321.87	343.51	281.02	305.20	270.11	294.22	320.41	342.47	463.45	476.79
General farm overhead	26.72	28.36	16.11	17.11	14.74	15.64	20.23	21.48	70.29	74.62
Taxes and insurance	25.48	29.02	20.45	23.33	17.89	20.00	22.98	25.92	47.70	55.13
Interest	23.59	23.42	23.20	23.03	20.30	20.15	21.18	21.02	31.87	31.62
Total, fixed cash expenses	75.79	80.80	59.76	63.47	52.93	55.79	64.39	68.42	149.86	161.37
Total, cash expenses	397.66	424.31	340.78	368.67	323.04	350.01	384.80	410.89	613.31	638.16
Gross value of production less cash expenses	-75.50	-21.75	-24.75	18.11	-22.81	28.77	-128.30	-29.27	-152.95	-63.30
Harvest-period price (dollars/cwt)	5.81	6.58	6.21	6.56	5.97	6.65	5.28	6.96	5.51	6.70
Yield (cwt/planted acre)	55.45	61.18	50.89	58.96	50.29	56.96	48.58	54.83	83.55	85.80

Table 8-5B—Rice production economic costs and returns, excluding direct government payments, 1993-94

Item	United States		Arkansas (non-Delta)		Mississippi River Delta		Gulf Coast		California	
	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994
<i>Dollars per planted acre</i>										
Gross value of production (excluding direct government payments):										
Rice	322.16	402.56	316.03	386.78	300.23	378.78	256.50	381.62	460.36	574.86
Total, gross value of production	322.16	402.56	316.03	386.78	300.23	378.78	256.50	381.62	460.36	574.86
Economic (full ownership) costs:										
Variable cash expenses	321.87	343.51	281.02	305.20	270.11	294.22	320.41	342.47	463.45	476.79
General farm overhead	26.72	28.36	16.11	17.11	14.74	15.64	20.23	21.48	70.29	74.62
Taxes and insurance	25.48	29.02	20.45	23.33	17.89	20.00	22.98	25.92	47.70	55.13
Capital replacement	53.83	58.02	50.58	54.74	47.57	50.36	54.57	60.12	66.54	70.66
Operating capital	5.03	8.01	4.38	7.11	4.21	6.52	5.03	8.35	7.23	11.11
Other nonland capital	20.48	21.14	21.96	22.67	19.59	20.22	20.33	20.99	19.08	19.69
Land	73.22	93.54	61.71	81.65	73.23	85.36	44.30	72.42	135.25	155.43
Unpaid labor	25.17	25.07	26.98	26.66	16.91	16.55	29.52	29.25	26.04	26.91
Total, economic costs	551.80	606.67	483.19	538.47	464.25	508.87	517.37	581.00	835.58	890.34
Residual returns to management and risk	-229.64	-204.11	-167.16	-151.69	-164.02	-130.09	-260.87	-199.38	-375.22	-315.48
Harvest-period price (dollars/cwt)	5.81	6.58	6.21	6.56	5.97	6.65	5.28	6.96	5.51	6.70
Yield (cwt/planted acre)	55.45	61.18	50.89	58.96	50.29	56.96	48.58	54.83	83.55	85.80

¹Cost of custom operations and technical services.²Commercial drying only, beginning in 1992.³Cost of purchased irrigation water.

Table 8-5C—Rice production cash costs and returns, including direct government payments and program participation costs, 1993-94

Item	United States		Arkansas (non-Delta)		Mississippi River Delta		Gulf Coast		California	
	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994
<i>Dollars per planted acre</i>										
Gross value of production (including direct government payments):										
Market value of rice	322.16	402.56	316.03	386.78	300.23	378.78	256.50	381.62	460.36	574.86
Direct government payments ¹	258.40	197.55	243.52	173.00	160.43	183.69	259.00	195.41	407.62	262.78
Haying/grazing on ACR and CU acreage	0.04	0.05	0.00	0.00	0.01	0.01	0.06	0.06	0.15	0.20
Total, gross value of production	580.60	600.16	559.55	559.78	460.67	562.48	515.56	577.09	868.13	837.84
Cash expenses:										
Seed	19.49	28.14	19.26	29.53	18.03	28.34	19.71	27.85	21.45	25.74
Fertilizer	43.18	45.73	38.91	40.54	39.19	43.59	45.92	48.29	52.05	54.23
Chemicals	55.76	58.43	53.14	55.68	54.39	57.00	51.37	53.83	68.51	71.79
Custom operations ²	44.67	45.76	34.22	34.49	33.86	34.71	40.15	40.86	83.68	87.13
Fuel, lube, and electricity	62.04	64.36	58.62	63.02	63.70	67.39	58.64	61.29	71.01	67.34
Repairs	30.36	32.13	26.35	28.37	27.78	28.75	33.82	36.02	35.97	37.72
Hired labor	39.45	38.23	31.93	31.38	34.86	33.66	46.53	44.42	48.86	47.68
Drying ³	27.94	30.56	21.69	25.14	10.64	12.05	26.09	29.34	63.69	65.40
Other variable cash expenses ⁴	10.86	11.09	1.01	1.03	0.01	0.01	19.26	19.65	30.55	31.17
Total, variable cash expenses	333.75	354.43	285.13	309.18	282.46	305.50	341.49	361.55	475.77	488.20
General farm overhead	30.40	41.58	18.34	25.08	16.77	22.93	23.03	31.49	79.99	109.39
Taxes and insurance	28.99	42.54	23.28	34.20	20.36	29.32	26.15	38.00	54.28	80.82
Interest	26.85	34.33	26.40	33.76	23.10	29.54	24.11	30.81	36.26	46.35
Total, fixed cash expenses	86.24	118.45	68.02	93.04	60.23	81.79	73.29	100.30	170.53	236.56
Total, cash expenses	419.99	472.88	353.15	402.22	342.69	387.29	414.78	461.85	646.30	724.76
Gross value of production less cash expenses	160.61	127.28	206.40	157.56	117.98	175.19	100.78	115.24	221.83	113.08
Harvest-period price (dollars/cwt)	5.81	6.58	6.21	6.56	5.97	6.65	5.28	6.96	5.51	6.70
Yield (cwt/planted acre)	55.45	61.18	50.89	58.96	50.29	56.96	48.58	54.83	83.55	85.80
Percent of planted rice acres in program	96	94	93	93	98	93	98	98	95	94

Table 8-5D—Rice production economic costs and returns, including direct government payments and program participation costs, 1993-94

Item	United States		Arkansas (non-Delta)		Mississippi River Delta		Gulf Coast		California	
	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994
<i>Dollars per planted acre</i>										
Gross value of production (including direct government payments):										
Market value of rice	322.16	402.56	316.03	386.78	300.23	378.78	256.50	381.62	460.36	574.86
Direct government payments ¹	258.40	197.55	243.52	173.00	160.43	183.69	259.00	195.41	407.62	262.78
Haying/grazing on ACR and CU acreage	0.04	0.05	0.00	0.00	0.01	0.01	0.06	0.06	0.15	0.20
Total, gross value of production	580.60	600.16	559.55	559.78	460.67	562.48	515.56	577.09	868.13	837.84
Economic (full ownership) costs:										
Variable cash expenses	333.75	354.43	285.13	309.18	282.46	305.50	341.49	361.55	475.77	488.20
General farm overhead	30.40	41.58	18.34	25.08	16.77	22.93	23.03	31.49	79.99	109.39
Taxes and insurance	28.99	42.54	23.28	34.20	20.36	29.32	26.15	38.00	54.28	80.82
Capital replacement	62.80	66.46	53.10	57.16	55.86	57.80	71.88	76.52	76.31	80.04
Operating capital	5.87	9.20	4.60	7.42	4.95	7.48	6.62	10.63	8.29	12.58
Other nonland capital	23.79	24.10	23.05	23.67	23.00	23.21	26.78	26.71	21.88	22.30
Land	84.39	106.46	64.78	85.26	86.00	97.96	58.34	92.17	155.12	176.06
Unpaid labor	29.39	28.72	28.32	27.84	19.86	18.99	38.87	37.23	29.86	30.48
Total, economic costs	599.38	673.49	500.60	569.81	509.26	563.19	593.16	674.30	901.50	999.87
Residual returns to management and risk	-18.78	-73.33	58.95	-10.03	-48.59	-0.71	-77.60	-97.21	-33.37	-162.03
Harvest-period price (dollars/cwt)	5.81	6.58	6.21	6.56	5.97	6.65	5.28	6.96	5.51	6.70
Yield (cwt/planted acre)	55.45	61.18	50.89	58.96	50.29	56.96	48.58	54.83	83.55	85.80
Percent of planted rice acres in program	96	94	93	93	98	93	98	98	95	94

¹Deficiency payments and marketing loan payment. Payments not adjusted for payment limitations.

²Cost of custom operations and technical services.

³Commercial drying only beginning in 1992.

⁴Cost of purchased irrigation water, cover crop seed, and other input items.

Grain Sorghum Average Costs of Production Rose 5-7 Percent

In 1994, only 9.77 million acres were planted to grain sorghum for all purposes, the lowest planted level since 1930. Planting of the 1994 grain sorghum crop started at about a near-normal rate, but by June, warm weather had dried fields that had been wet earlier, and the planting season ended 10 percentage points ahead of normal. Hot, dry weather in August pushed heading above normal, but the condition of the grain fell. As the crop reached maturity, the grain condition remained below normal. Harvesting was ahead of normal and completed in early November. Grain production for the year was estimated at 655 million bushels, 23 percent above 1993.

Following the flood-reduced yields of 1993, sorghum yields rose sharply in the Central Plains in 1994. Per acre yields in the Southern Plains were only slightly higher in 1994 than in 1993. Gross value of production was well above cash expenses in the Central Plains; cash expenses in the Southern Plains were more than the gross value of production. Fertilizer, chemicals, fuel, lube, electricity, and repairs accounted for 76 percent of 1994 variable cash expenses across the country, for 80 percent in the Central Plains, and for 72 percent in the Southern Plains. Machinery costs (fuel, lube, and repairs) were all much higher in the Southern Plains than in the Central Plains in both 1993 and 1994, while fertilizer and chemical costs did not vary much between regions in either year. Fuel and repair costs were lower in 1994 than in 1993.

Fixed costs were higher in 1994 than in 1993 due to increases in taxes, insurance, and interest. Costs were higher in the Central Plains than in the Southern Plains. Fixed costs accounted for 32 percent of 1994

per acre cash expenses in the Central Plains and 23 percent in the Southern Plains.

The value of direct government grain sorghum payments rose sharply in 1994. Two important changes in the feed grain program explain this increase. There was no *mandatory* set-aside requirement in 1994, where there had been a 5-percent acreage reduction in effect in 1993. In addition, the deficiency payment rate rose from 25 cents per bushel in 1993 to 59 cents per bushel in 1994. The target price has remained at \$2.61 per bushel since 1990.

The largest percentage of sorghum acreage enrolled in the feed grain program was in the Southern Plains. In the Southern Plains, cash costs were above gross value even when direct payments were included. In the Central Plains, variable cash expenses, including program participation, were \$1.97 per acre higher than without payments and \$7.20 per acre higher in the Southern Plains, reflecting additional costs for maintenance of set-aside acreage. (Although there was no mandatory set-aside requirement for grain sorghum in 1994, compliance data show 1.5 million 0-92 acres still in conserving uses.) Because sorghum became a larger part of the operation when set-aside acreage was included and because most fixed cash expenses were allocated to an enterprise based on that enterprise's contribution to total farm value of production, fixed cash expenses rose to 45 percent of total cash expenses in the Central Plains in 1994 and to 34 percent in the Southern Plains. Residual returns to management and risk were negative across all regions when government program payments were included. Residual returns were lower in 1994 than in 1993 in the Southern Plains, although deficiency payments were higher.

Figure 8-13

Net cash returns from grain sorghum, 1993-94

Sorghum program benefited Central Plains but not Southern Plains in 1994

Dollars/planted acre

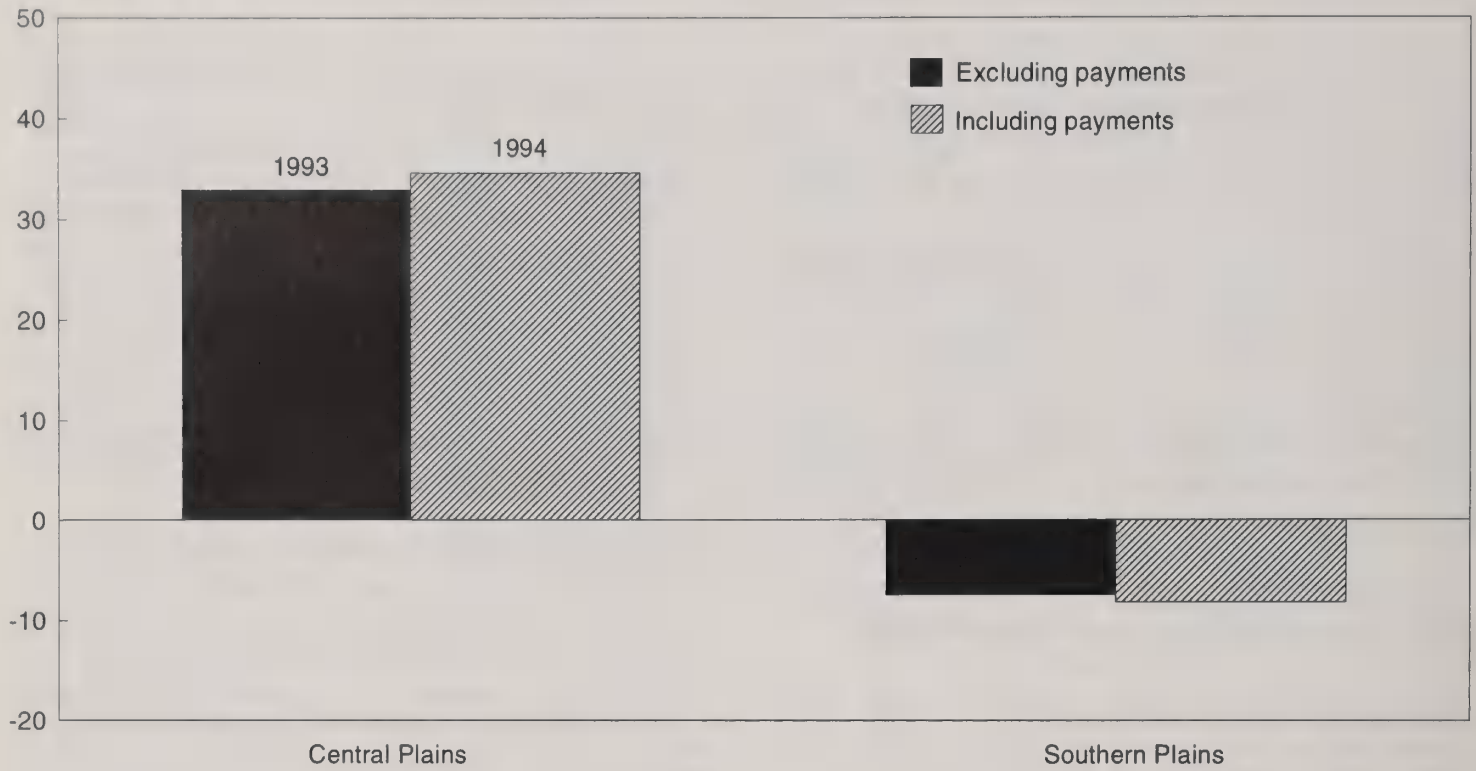


Figure 8-14

Grain sorghum production regions



Producers in the States shaded were surveyed in 1990 about production practices and costs of production. Production regions are defined for each crop based on common cultural practices.

Table 8-6A—Grain sorghum production cash costs and returns, excluding direct government payments, 1993-94

Item	United States		Central Plains		Southern Plains	
	1993	1994	1993	1994	1993	1994
<i>Dollars per planted acre</i>						
Gross value of production (excluding direct government payments):						
Sorghum	113.27	128.26	115.59	139.47	110.64	111.81
Total, gross value of production	113.27	128.26	115.59	139.47	110.64	111.81
Cash expenses:						
Seed	5.99	6.43	5.59	5.46	6.50	7.80
Fertilizer, lime, and gypsum	18.80	20.28	18.80	20.11	18.79	20.53
Chemicals	13.71	14.26	13.81	14.47	13.59	13.96
Custom operations ¹	4.48	4.46	3.01	3.22	6.31	6.20
Fuel, lube, and electricity	14.36	13.32	10.89	10.57	18.68	17.18
Repairs	12.42	13.15	11.56	12.32	13.49	14.30
Hired labor	7.84	8.12	5.65	6.09	10.58	10.97
Other variable cash expenses ²	0.45	0.41	0.01	0.01	0.99	0.98
Total, variable cash expenses	78.05	80.43	69.32	72.25	88.93	91.92
General farm overhead	8.39	8.30	8.30	8.34	8.50	8.24
Taxes and insurance	11.48	12.81	12.39	13.83	10.36	11.38
Interest	8.69	10.31	10.35	12.13	6.61	7.76
Total, fixed cash expenses	28.56	31.42	31.04	34.30	25.47	27.38
Total, cash expenses	106.61	111.85	100.36	106.55	114.40	119.30
Gross value of production less cash expenses	6.66	16.41	15.23	32.92	-3.76	-7.49
Harvest-period price (dollars/bu)	2.10	1.92	2.06	1.82	2.16	2.11
Yield (bu/planted acre)	53.94	66.80	56.11	76.63	51.22	52.99

Table 8-6B—Grain sorghum production economic costs and returns, excluding direct government payments, 1993-94

Item	United States		Central Plains		Southern Plains	
	1993	1994	1993	1994	1993	1994
<i>Dollars per planted acre</i>						
Gross value of production (excluding direct government payments):						
Sorghum	113.27	128.26	115.59	139.47	110.64	111.81
Total, gross value of production	113.27	128.26	115.59	139.47	110.64	111.81
Economic (full ownership) costs:						
Variable cash expenses	78.05	80.43	69.32	72.25	88.93	91.92
General farm overhead	8.39	8.30	8.30	8.34	8.50	8.24
Taxes and insurance	11.48	12.81	12.39	13.83	10.36	11.38
Capital replacement	26.33	27.98	24.36	26.07	28.79	30.68
Operating capital	1.22	1.87	1.08	1.68	1.39	2.14
Other nonland capital	13.31	14.65	13.02	14.38	13.68	15.04
Land	21.71	26.10	22.64	30.38	20.55	20.08
Unpaid labor	17.69	18.64	20.19	21.13	14.57	15.15
Total, economic costs	178.18	190.78	171.30	188.06	186.77	194.63
Residual returns to management and risk	-64.91	-62.52	-55.71	-48.59	-76.13	-82.82
Harvest-period price (dollars/bu)	2.10	1.92	2.06	1.82	2.16	2.11
Yield (bu/planted acre)	53.94	66.80	56.11	76.63	51.22	52.99

¹Cost of custom operations and technical services.

²Cost of purchased irrigation water.

Table 8-6C—Grain sorghum production cash costs and returns, including direct government payments and program participation costs, 1993-94

Item	United States		Central Plains		Southern Plains	
	1993	1994	1993	1994	1993	1994
<i>Dollars per planted acre</i>						
Gross value of production (including direct government payments):						
Market value of sorghum	113.27	128.26	115.59	139.47	110.64	111.81
Direct government payments ¹	12.35	28.80	12.58	28.07	12.06	29.84
Haying/grazing on ACR and CU acreage	0.61	1.56	0.83	2.40	0.32	0.39
Total, gross value of production	126.23	158.62	129.00	169.94	123.02	142.04
Cash expenses:						
Seed	5.99	6.43	5.59	5.46	6.50	7.80
Fertilizer, lime, and gypsum	18.80	20.28	18.80	20.11	18.79	20.53
Chemicals	14.20	14.75	14.09	14.78	14.35	14.73
Custom operations ²	4.48	4.46	3.01	3.22	6.31	6.20
Fuel, lube, and electricity	15.63	14.58	11.32	10.99	21.00	19.63
Repairs	13.40	14.27	12.04	12.86	15.09	16.25
Hired labor	8.49	8.84	5.86	6.32	11.77	12.40
Other variable cash expenses ³	0.79	0.94	0.26	0.48	1.45	1.58
Total, variable cash expenses	81.78	84.55	70.97	74.22	95.26	99.12
General farm overhead	9.24	15.07	8.92	14.87	9.64	15.35
Taxes and insurance	12.54	23.16	13.27	24.65	11.62	21.06
Interest	9.56	18.72	11.04	21.56	7.72	14.72
Total, fixed cash expenses	31.34	56.95	33.23	61.08	28.98	51.13
Total, cash expenses	113.12	141.50	104.20	135.30	124.24	150.25
Gross value of production less cash expenses	13.11	17.12	24.80	34.64	-1.22	-8.21
Harvest-period price (dollars/bu)	2.10	1.92	2.06	1.82	2.16	2.11
Yield (bu/planted acre)	53.94	66.80	56.11	76.63	51.22	52.99
Percent of planted sorghum acres in program	72	74	67	72	75	76

Table 8-6D—Grain sorghum production economic costs and returns, including direct government payments and program participation costs, 1993-94

Item	United States		Central Plains		Southern Plains	
	1993	1994	1993	1994	1993	1994
<i>Dollars per planted acre</i>						
Gross value of production (including direct government payments):						
Market value of sorghum	113.27	128.26	115.59	139.47	110.64	111.81
Direct government payments ¹	12.35	28.80	12.58	28.07	12.06	29.84
Haying/grazing on ACR and CU acreage	0.61	1.56	0.83	2.40	0.32	0.39
Total, gross value of production	126.23	158.62	129.00	169.94	123.02	142.04
Economic (full ownership) costs:						
Variable cash expenses	81.78	84.55	70.97	74.22	95.26	99.12
General farm overhead	9.24	15.07	8.92	14.87	9.64	15.35
Taxes and insurance	12.54	23.16	13.27	24.65	11.62	21.06
Capital replacement	28.55	30.51	25.35	27.17	32.54	35.22
Operating capital	1.31	2.03	1.12	1.75	1.55	2.42
Other nonland capital	14.39	15.93	13.55	14.99	15.44	17.24
Land	23.30	28.00	23.54	31.71	23.00	22.79
Unpaid labor	18.93	20.02	21.05	22.03	16.29	17.19
Total, economic costs	190.04	219.27	177.77	211.39	205.34	230.39
Residual returns to management and risk	-63.81	-60.65	-48.77	-41.45	-82.32	-88.35
Harvest-period price (dollars/bu)	2.10	1.92	2.06	1.82	2.16	2.11
Yield (bu/planted acre)	53.94	66.80	56.11	76.63	51.22	52.99
Percent of planted sorghum acres in program	72	74	67	72	75	76

¹Deficiency payments. Payments are not adjusted for payment limitations.

²Cost of custom operations, technical services, and commercial drying.

³Cost of purchased irrigation water, cover seed, and other input items.

Barley Costs Vary Dramatically Among Regions

Acreage planted to barley was down by 8 percent from 1993 levels, while the 7.16 million acres harvested were down by 1 percent. U.S. farmers harvested 375 million bushels of barley, 6 percent below 1993's production. Lower production in the Western States was offset by increased production in the Southeast and upper Midwestern States. Barley yields in the Northern Plains (where most of the barley is produced) increased by 6 percent to 46.4 bushels per planted acre in 1994, while yields declined to 68.33 bushels per acre in the Northwest, down by 11 percent.

Total production costs averaged \$171 per acre, up 6 percent from 1993 due to a rise in input prices. Production costs varied greatly among barley regions, ranging from \$146 per acre in the Northern Plains to \$256 per acre in the Northwest. The highest per acre costs (in the Northwest) were due to irrigation-related expenses. Although Northern Plains barley growers had the lowest per acre costs, the price received at harvest was not enough to pay all production expenses, covering only two-thirds of total costs. Returns to

management and risk were negative in all regions except the Northeast where only a small amount of barley was grown. Relatively higher grain yields there and the value of straw contributed to the highest per acre value of barley crop.

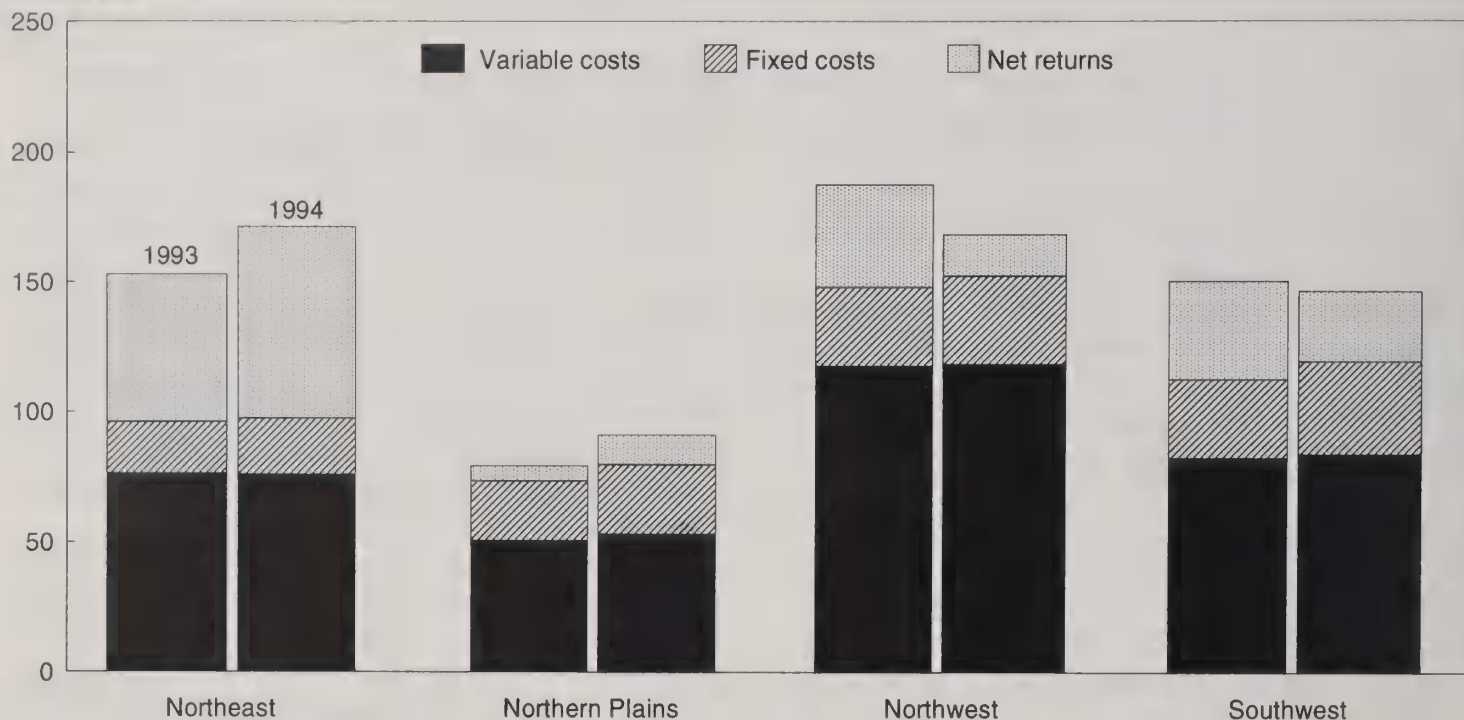
When direct effects of government program participation are included, both cost and return estimates tended to increase. With payments, the value of barley production increased less in 1994 than in 1993 due to higher barley prices but lower payment rates. As a result, average U.S. residual returns to management and risk were more negative than in 1993. The Northern Plains and the Northwest were more affected by the barley program than were other regions due to the higher grower participation in those two regions. The Northeast was the least affected by the program. At the U.S. level, 1994 residual returns to management and risk both with or without the direct effects of the government program were very similar, averaging about minus \$60 per acre.

Figure 8-15

Barley costs and returns, 1993-94¹

Despite higher barley production costs in 1994, barley returns rose in Northeast and Northern Plains

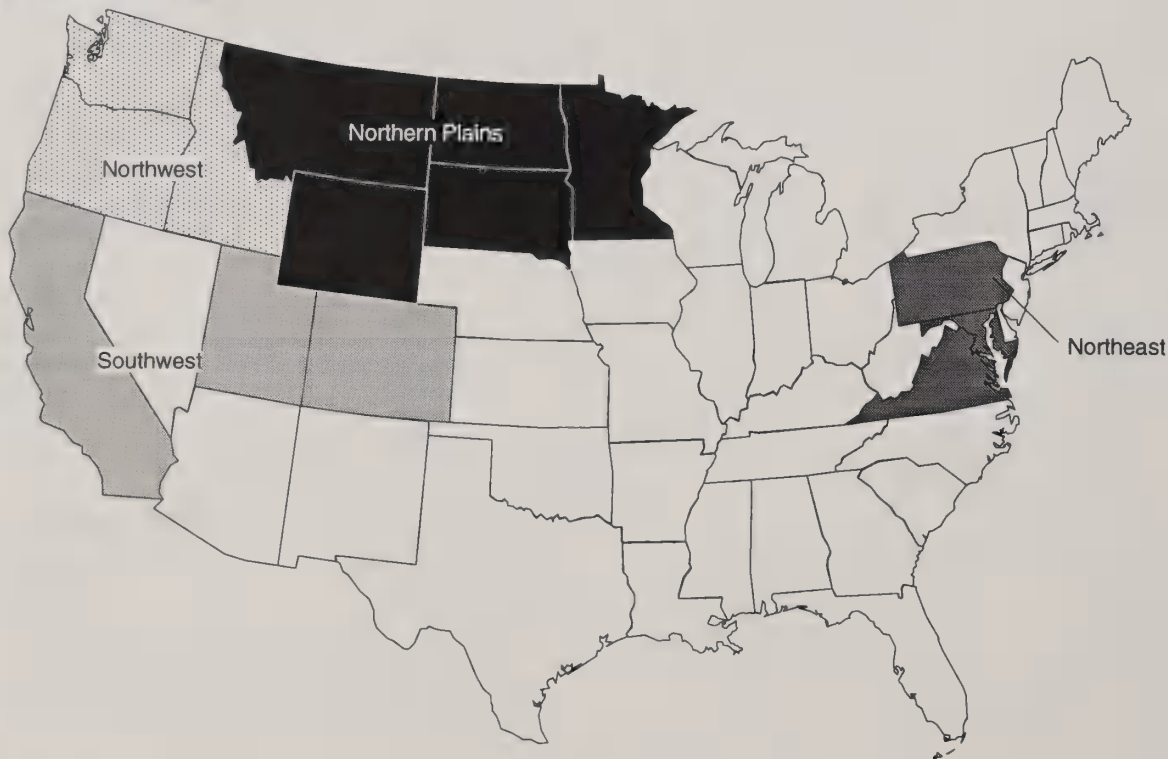
Dollars/planted acre



¹Costs and returns do not include government payments.

Figure 8-16

Barley production regions



Producers in the States shaded were surveyed in 1992 about production practices and costs of production. Production regions are defined for each crop based on common cultural practices.

Table 8-7A—Barley production cash costs and returns, excluding direct government payments, 1993-94

Item	United States		Northeast		Northern Plains		Northwest		Southwest	
	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994
<i>Dollars per planted acre</i>										
Gross value of production (excluding direct government payments):										
Barley	100.88	107.12	110.50	122.83	77.38	89.47	183.43	163.99	143.81	138.88
Barley straw ¹	4.27	4.50	42.51	48.77	2.18	1.94	3.91	4.48	6.63	7.56
Total, gross value of production	105.15	111.62	153.01	171.60	79.56	91.41	187.34	168.47	150.44	146.44
Cash expenses:										
Seed	6.85	6.96	12.43	11.32	5.16	5.22	11.67	11.79	10.06	10.41
Fertilizer, lime, and gypsum	15.55	16.57	31.54	32.34	12.27	13.47	27.49	27.16	11.35	13.78
Chemicals	8.04	8.68	3.04	3.14	6.75	7.29	15.12	16.35	6.56	6.82
Custom operations	3.96	4.27	4.40	4.31	2.81	3.09	6.60	6.83	9.81	9.74
Fuel, lube, and electricity	11.95	11.43	7.90	7.30	7.75	7.22	27.80	26.86	19.68	18.17
Repairs	12.40	13.30	11.01	11.53	11.50	12.69	16.41	16.50	12.60	12.51
Hired labor	4.72	4.75	4.28	4.30	3.67	3.55	8.22	8.44	7.59	8.00
Other variable cash expenses ²	1.66	1.72	1.88	1.78	0.77	0.81	4.35	4.42	4.57	4.25
Total, variable cash expenses	65.13	67.68	76.48	76.02	50.68	53.34	117.66	118.35	82.22	83.68
General farm overhead	5.50	6.60	5.08	5.91	5.04	5.99	6.62	7.91	8.10	9.76
Taxes and insurance	10.52	12.04	11.57	12.23	9.37	10.68	12.77	14.11	17.24	20.38
Interest	8.58	9.63	3.03	3.44	8.66	9.78	10.80	12.11	4.85	5.39
Total, fixed cash expenses	24.60	28.27	19.68	21.58	23.07	26.45	30.19	34.13	30.19	35.53
Total, cash expenses	89.73	95.95	96.16	97.60	73.75	79.79	147.85	152.48	112.41	119.21
Gross value of production less cash expenses	15.42	15.67	56.85	74.00	5.81	11.62	39.49	15.99	38.03	27.23
Harvest-period price (dollars/bu)	1.98	2.07	1.64	1.72	1.79	1.93	2.38	2.40	2.43	2.51
Yield (bu/planted acre)	50.95	51.75	67.38	71.41	43.23	46.36	77.07	68.33	59.18	55.33

Table 8-7B—Barley production economic costs and returns, excluding direct government payments, 1993-94

Item	United States		Northeast		Northern Plains		Northwest		Southwest	
	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994
<i>Dollars per planted acre</i>										
Gross value of production (excluding direct government payments):										
Barley	100.88	107.12	110.50	122.83	77.38	89.47	183.43	163.99	143.81	138.88
Barley straw ¹	4.27	4.50	42.51	48.77	2.18	1.94	3.91	4.48	6.63	7.56
Total, gross value of production	105.15	111.62	153.01	171.60	79.56	91.41	187.34	168.47	150.44	146.44
Economic (full ownership) costs:										
Variable cash expenses	65.13	67.68	76.48	76.02	50.68	53.34	117.66	118.35	82.22	83.68
General farm overhead	5.50	6.60	5.08	5.91	5.04	5.99	6.62	7.91	8.10	9.76
Taxes and insurance	10.52	12.04	11.57	12.23	9.37	10.68	12.77	14.11	17.24	20.38
Capital replacement	25.29	27.14	20.54	21.53	22.98	25.34	34.79	35.08	29.01	28.73
Operating capital	1.01	1.58	1.19	1.77	0.79	1.24	1.84	2.76	1.28	1.95
Other nonland capital	12.97	14.41	10.72	11.51	12.72	14.49	14.46	15.06	13.12	13.48
Land	33.93	34.83	19.34	20.14	28.78	29.86	54.47	52.56	46.31	48.90
Unpaid labor	6.38	6.37	12.68	12.35	5.00	4.87	10.26	10.49	7.97	8.38
Total, economic costs	160.73	170.65	157.60	161.46	135.36	145.81	252.87	256.32	205.25	215.26
Residual returns to management and risk	-55.58	-59.03	-4.59	10.14	-55.80	-54.40	-65.53	-87.85	-54.81	-68.82
Harvest-period price (dollars/bu)	1.98	2.07	1.64	1.72	1.79	1.93	2.38	2.40	2.43	2.51
Yield (bu/planted acre)	50.95	51.75	67.38	71.41	43.23	46.36	77.07	68.33	59.18	55.33

¹Includes value of grazing in Southwest region.²Cost of purchased water and baling.

Table 8-7C—Barley production cash costs and returns, including direct government payments and program participation costs, 1993-94

Item	United States		Northeast		Northern Plains		Northwest		Southwest	
	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994
<i>Dollars per planted acre</i>										
Gross value of production (including direct government payments):										
Market value of barley	100.88	107.12	110.50	122.83	77.38	89.47	183.43	163.99	143.81	138.88
Direct government payments ¹	20.37	17.27	5.09	4.85	20.64	17.33	25.01	22.16	13.69	11.27
Barley straw ²	4.54	4.81	42.51	48.77	2.32	2.12	4.84	5.36	6.96	7.85
Total, gross value of production	125.79	129.20	158.10	176.45	100.34	108.92	213.28	191.51	164.46	158.00
Cash expenses:										
Seed	6.85	6.96	12.43	11.32	5.16	5.22	11.67	11.79	10.06	10.41
Fertilizer, lime, and gypsum	15.55	16.57	31.54	32.34	12.27	13.47	27.49	27.16	11.35	13.78
Chemicals	8.77	9.56	3.04	3.14	7.34	8.01	16.88	18.38	6.58	6.84
Custom operations	3.96	4.27	4.40	4.31	2.81	3.09	6.60	6.83	9.81	9.74
Fuel, lube, and electricity	13.37	13.05	7.92	7.32	9.01	8.75	29.92	28.98	22.05	20.27
Repairs	13.63	14.93	11.02	11.54	12.63	14.31	18.16	18.47	14.42	14.27
Hired labor	5.08	5.21	4.29	4.31	3.99	3.98	8.77	9.04	8.21	8.62
Other variable cash expenses ³	1.92	2.07	1.92	1.81	1.00	1.14	4.64	4.76	5.27	4.93
Total, variable cash expenses	69.13	72.62	76.56	76.09	54.21	57.97	124.13	125.41	87.75	88.86
General farm overhead	6.45	7.40	5.48	6.11	6.00	6.84	7.61	8.69	9.09	10.43
Taxes and insurance	12.67	14.38	11.88	12.48	11.16	12.71	15.89	17.39	21.94	24.64
Interest	9.93	10.67	3.27	3.55	10.09	10.9	12.28	13.18	5.67	5.94
Total, fixed cash expenses	29.05	32.45	20.63	22.14	27.25	30.45	35.78	39.26	36.70	41.01
Total, cash expenses	98.18	105.07	97.19	98.23	81.46	88.42	159.91	164.67	124.45	129.87
Gross value of production less cash expenses	27.61	24.13	60.91	78.22	18.88	20.50	53.37	26.84	40.01	28.13
Harvest-period price (dollars/bu)	1.98	2.07	1.64	1.72	1.79	1.93	2.38	2.40	2.43	2.51
Yield (bu/planted acre)	50.95	51.75	67.38	71.41	43.23	46.36	77.07	68.33	59.18	55.33
Percent of planted barley acres in program	67	69	17	21	73	75	63	69	35	34

Table 8-7D—Barley production economic costs and returns, including direct government payments and program participation costs, 1993-94

Item	United States		Northeast		Northern Plains		Northwest		Southwest	
	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994
<i>Dollars per planted acre</i>										
Gross value of production (including direct government payments):										
Market value of barley	100.88	107.12	110.50	122.83	77.38	89.47	183.43	163.99	143.81	138.88
Direct government payments ¹	20.37	17.27	5.09	4.85	20.64	17.33	25.01	22.16	13.69	11.27
Barley straw ²	4.54	4.81	42.51	48.77	2.32	2.12	4.84	5.36	6.96	7.85
Total, gross value of production	125.79	129.20	158.10	176.45	100.34	108.92	213.28	191.51	164.46	158.00
Economic (full ownership) costs:										
Variable cash expenses	69.13	72.62	76.56	76.09	54.21	57.97	124.13	125.41	87.75	88.86
General farm overhead	6.45	7.40	5.48	6.11	6.00	6.84	7.61	8.69	9.09	10.43
Taxes and insurance	12.67	14.38	11.88	12.48	11.16	12.71	15.89	17.39	21.94	24.64
Capital replacement	26.49	28.75	20.55	21.55	24.13	27.02	36.27	36.74	30.69	30.35
Operating capital	1.08	1.69	1.19	1.77	0.85	1.35	1.94	2.92	1.37	2.07
Other nonland capital	13.70	15.41	10.73	11.52	13.43	15.55	15.34	16.08	14.08	14.44
Land	39.74	42.33	19.49	21.43	34.48	36.72	61.71	63.35	52.85	57.78
Unpaid labor	7.01	7.15	12.69	12.36	5.61	5.65	11.10	11.41	8.70	9.1
Total, economic costs	176.27	189.73	158.57	163.31	149.87	163.81	273.99	281.99	226.47	237.67
Residual returns to management and risk	-50.48	-60.53	-0.47	13.14	-49.53	-54.89	-60.71	-90.48	-62.01	-79.67
Harvest-period price (dollars/bu)	1.98	2.07	1.64	1.72	1.79	1.93	2.38	2.40	2.43	2.51
Yield (bu/planted acre)	50.95	51.75	67.38	71.41	43.23	46.36	77.07	68.33	59.18	55.33
Percent of planted barley acres in program	67	69	17	21	73	75	63	69	35	34

¹Deficiency payments. Payments are not adjusted for payment limitations.

²Includes value of grazing and haying on barley set-aside and conserving use acres.

³Cost of purchased water, baling, and cover crop seed.

Oat Costs Rose Most in the North Central Region

Production of oats in 1994 was estimated at 230 million bushels, 11 percent above 1993's record low crop of 207 million bushels. Area harvested for grain, at 4.02 million acres, was up by 6 percent from 1993. Total seeded area (for grain plus all other uses) was 6.64 million acres in 1994, down by 16 percent from the previous year.

Cash costs for producing oats rose by 4.4 percent in 1994. Of variable cash expenses, only those for hired labor fell. Fixed cash expenses rose slightly. Total economic costs also rose but by less than \$1 per acre. Despite such modest cost increases, returns to management and risk fell by \$11.50 per acre, nearly 20 percent. The reason for the decline was that yields rose less than the accompanying fall in price, resulting in a drop in the value of production of oats. The value of oat straw, a very important and valuable byproduct, also fell. The worsening receipt side, added

to higher costs, caused the dramatic drop in net returns.

Cash expenses rose in each of the three principal growing regions. The percentage rise in costs was the greatest in the North Central region. At the same time, North Central oat growers saw the greatest percentage increase in yields, as the area recovered from the 1993 flooding.

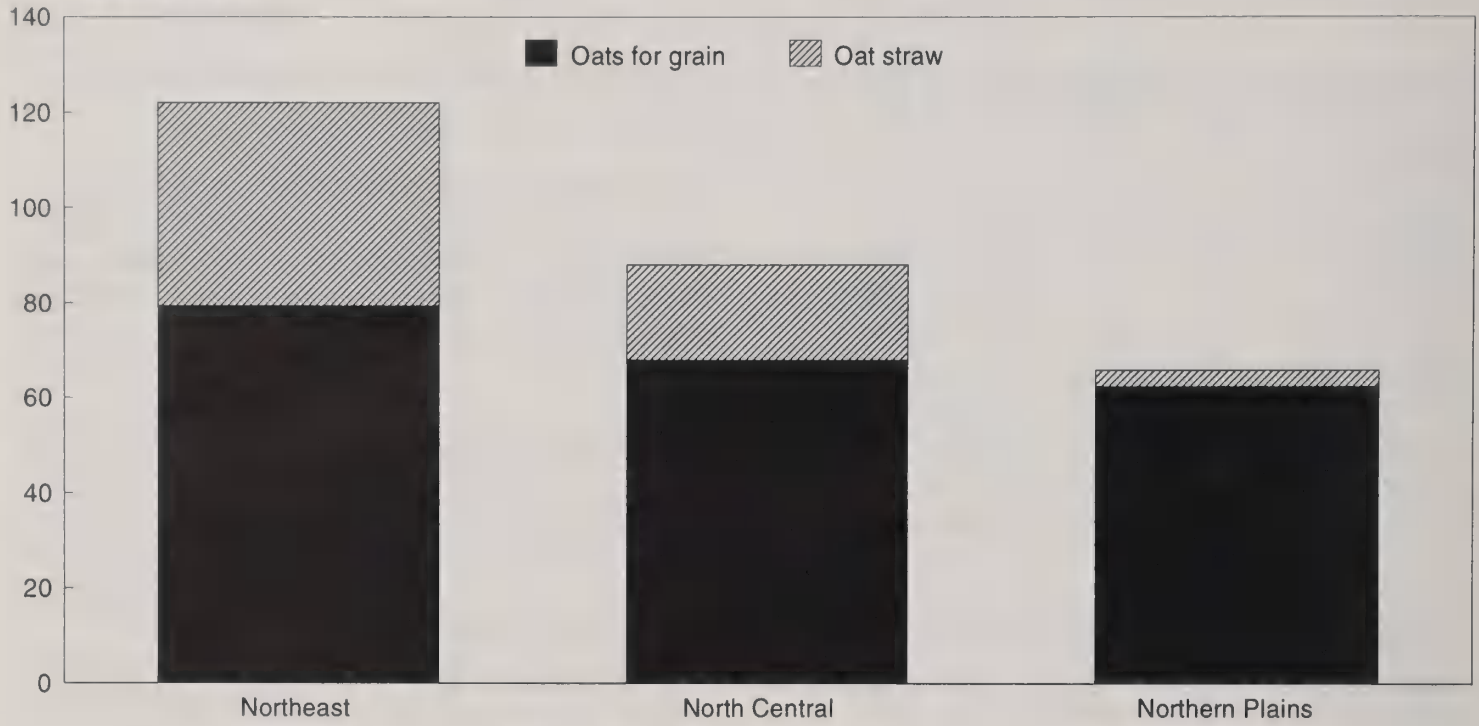
Yields rose in all regions in 1994, but prices fell; thus, the value of the crop's production fell, resulting in lower net returns over cash expenses. In the Northeast and North Central regions, net cash returns were negative, while in the Northern Plains, traditionally the region with the highest returns, returns fell but remained positive. For each of the three regions, net returns over total economic costs were negative in 1993 and became more so in 1994.

Figure 8-17

Net cash returns from oats, 1994¹

Demand for livestock bedding makes oat straw a valuable byproduct in Northeast

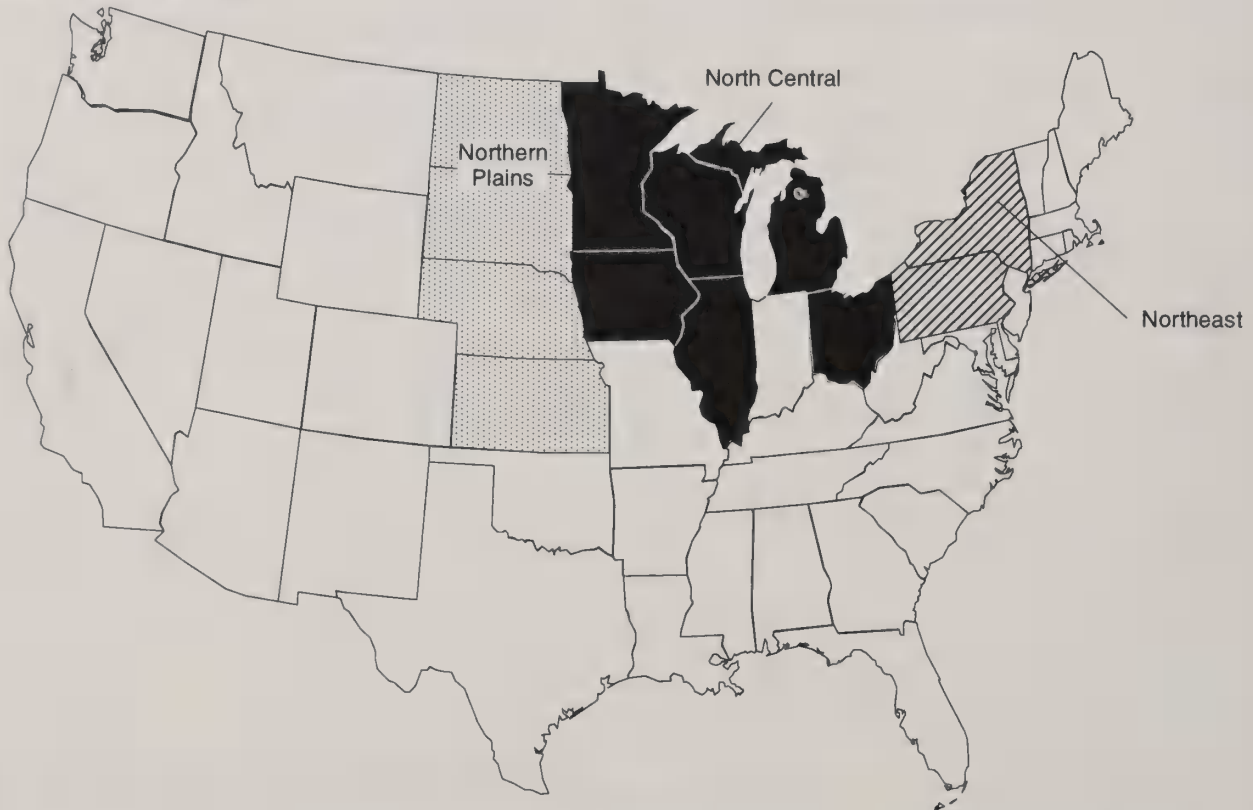
Dollars/planted acre



¹Receipts are for 1994 at time of harvest.

Figure 8-18

Oat production regions



Producers in the States shaded were surveyed in 1988 about production practices and costs of production. Production regions are defined for each crop based on common cultural practices.

Table 8-8A—Oat production cash costs and returns, excluding direct government payments, 1993-94

Item	United States		Northeast		North Central		Northern Plains	
	1993	1994	1993	1994	1993	1994	1993	1994
<i>Dollars per planted acre</i>								
Gross value of production (excluding direct government payments):								
Oats	70.63	65.98	84.02	79.31	66.72	67.85	74.97	62.29
Oats straw	21.03	14.45	42.44	42.64	28.30	20.14	3.60	3.52
Total, gross value of production	91.66	80.43	126.46	121.95	95.02	87.99	78.57	65.81
Cash expenses:								
Seed	8.62	8.72	15.34	15.69	9.48	10.05	5.78	6.12
Fertilizer, lime, and gypsum	11.73	13.08	31.33	33.90	12.46	14.96	6.71	7.64
Chemicals	1.06	1.22	3.25	3.29	0.86	0.99	1.02	1.15
Custom operations ¹	5.27	6.93	5.35	6.29	5.96	9.40	3.98	4.23
Fuel, lube, and electricity	6.73	6.88	11.06	10.70	6.69	7.50	6.00	5.58
Repairs	7.15	8.45	11.55	11.69	6.01	7.63	8.42	8.85
Hired labor	5.15	4.76	4.98	5.05	6.07	5.95	3.48	3.37
Other variable cash expenses ²	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total, variable cash expenses	45.71	50.04	82.86	86.61	47.53	56.48	35.39	36.94
General farm overhead	4.66	4.82	12.29	13.05	4.74	5.04	3.07	3.26
Taxes and insurance	18.78	17.67	22.96	23.17	22.67	22.88	10.81	10.91
Interest	3.82	3.66	4.97	4.93	4.18	4.15	2.93	2.91
Total, fixed cash expenses	27.26	26.15	40.22	41.15	31.59	32.07	16.81	17.08
Total, cash expenses	72.97	76.19	123.08	127.76	79.12	88.55	52.20	54.02
Gross value of production less cash expenses	18.69	4.24	3.38	-5.81	15.90	-0.56	26.37	11.79
Harvest-period price (dollars/bu)	1.38	1.16	1.54	1.38	1.41	1.19	1.30	1.10
Yield (bu/planted acre)	51.18	56.88	54.56	57.47	47.32	57.02	57.67	56.63

Table 8-8B—Oat production economic costs and returns, excluding direct government payments, 1993-94

Item	United States		Northeast		North Central		Northern Plains	
	1993	1994	1993	1994	1993	1994	1993	1994
<i>Dollars per planted acre</i>								
Gross value of production (excluding direct government payments):								
Oats	70.63	65.98	84.02	79.31	66.72	67.85	74.97	62.29
Oats straw	21.03	14.45	42.44	42.64	28.30	20.14	3.60	3.52
Total, gross value of production	91.66	80.43	126.46	121.95	95.02	87.99	78.57	65.81
Economic (full ownership) costs:								
Variable cash expenses	45.71	50.04	82.86	86.61	47.53	56.48	35.39	36.94
General farm overhead	4.66	4.82	12.29	13.05	4.74	5.04	3.07	3.26
Taxes and insurance	18.78	17.67	22.96	23.17	22.67	22.88	10.81	10.91
Capital replacement	27.48	27.42	46.27	47.17	28.62	29.18	21.85	22.28
Operating capital	0.51	0.73	1.06	1.58	0.56	0.83	0.33	0.49
Nonland capital	8.85	9.17	13.20	13.89	9.13	9.61	7.54	7.93
Land	25.72	24.79	10.18	10.35	30.08	29.82	20.59	21.40
Unpaid labor	18.84	16.72	20.21	20.40	24.68	24.22	7.78	7.65
Total, economic costs	150.55	151.36	209.03	216.22	168.01	178.06	107.36	110.86
Residual returns to management and risk	-58.89	-70.93	-82.57	-94.27	-72.99	-90.07	-28.79	-45.05
Harvest-period price (dollars/bu)	1.38	1.16	1.54	1.38	1.41	1.19	1.30	1.10
Yield (bu/planted acre)	51.18	56.88	54.56	57.47	47.32	57.02	57.67	56.63

¹Cost of custom operations and technical services.²Cost of purchased irrigation water.

Sugar Beet Costs Revised From Earlier Estimates

U.S. farmers harvested about 32 million tons of sugar beets on 1.47 million acres in 1994, 22 percent above 1993 production. The largest increase in planted acreage was in North Dakota and Minnesota; each reported about a 6-percent increase over 1993. Beet acreage declined in Idaho, Ohio, Wyoming, and Texas. The largest decline was in Texas (37 percent), where planted acreage fell from 40,400 acres in 1993 to 25,400 in 1994.

Planting started early in 1994, with adverse weather conditions resulting in some replanting. Regionally, total cash costs of production ranged from \$409 per planted acre in the Red River Valley to \$931 in the Southwest. Nationally, total cash costs averaged \$552, up by 1.2 percent from 1993. Average beet yields were up by 18 percent after falling by 10 percent in 1993. Among regions, changes were most pronounced in the Red River Valley. Planted acreage there increased more than in any other region, average cash costs rose 4 percent, and yields rose nearly 42 percent (after falling 20 percent in 1993). Red River Valley growers typically produce over one-fourth of U.S. beets and heavily influence the U.S. average. In terms of absolute value, the region had the lowest per acre costs and the highest beet yields outside the west coast. Hired labor and chemicals each accounted for over 15 percent of cash costs. Wage rates fell slightly in the region, causing hired labor costs to fall. Chemical costs have been stable since 1992.

The Southwest and Northwest regions had the highest 1994 cash costs. Labor costs are very high in these two regions and wage rates rose slightly from 1993 to 1994, but rates for both years were down from 1992. Custom operations were more common in the Southwest, averaging \$201 per planted acre in 1994, or 21.5 percent of total cash costs.

On a per ton basis, the Red River Valley again had the lowest total cash costs (\$20.00) and the Southwest had the highest (\$29.64), with a U.S. average of \$25.15 per ton, down by 14 percent from 1993. The decline in the national average of per ton cost was primarily due to increased yields. The 1994 harvest was slightly behind schedule, but by the end of October, most beets had been lifted and delivered to the mills. Costs per ton declined the most in the Red River Valley and Northwest

regions (down more than 15 percent) but fell only slightly in the Great Plains region (less than 2 percent).

Total economic costs and returns are difficult to discuss at this time, as both depend on 1994 beet prices which were not available at the time these estimates were made. The 1994 beet prices used for estimating the gross value of production and the share rent component of the land costs have been held at their published 1993 level. The 1994 beet production cost and return estimates will be revised for next year's publication.

U.S. Beet Processing Costs Up 3.6 Percent in 1994

In the winter and spring of 1994-95, ERS contacted all beet and cane sugar processors to collect processing cost information for the 1992 crops. Based on these data, processing costs for the 1993 and 1994 crops were estimated and previously published processing costs for 1992 were revised. For beets, the traditional East (Red River Valley and eastward) and West (all other) processing regions have been maintained. For cane, however, Louisiana and Texas were combined to prevent disclosure of confidential accounting data.

In fiscal 1994, a record 4.55 million tons of raw beet sugar were produced, an 11-percent increase over 1993. Costs of processing this sugar rose by 3.6 percent, averaging \$35.06 per net ton sliced. However, after accounting for credits for byproducts, net processing costs averaged \$26.50, a 2.7-percent drop from 1993. This difference is explained by increased returns from pulp and molasses offsetting higher, primarily fixed, processing costs. Similar relationships were found on a cents-per pound basis. Total processing costs rose in 1994 but were offset by higher credits, even with a slight drop in sugar recovery.

Over the 1992-94 period, total costs per ton of beets sliced were consistently higher in the East than in the West. However, this can be offset by the higher sugar recovery rates in the East. On a cents-per pound basis, total beet sugar processing costs were lower in the East. In 1994, recovery rates narrowed and, while recovery was still higher in the East, processing costs per pound of sugar were lower in the West.

Figure 8-19

Cash costs for beets, 1994

Red River Valley had lowest cash costs per acre and ton of beets

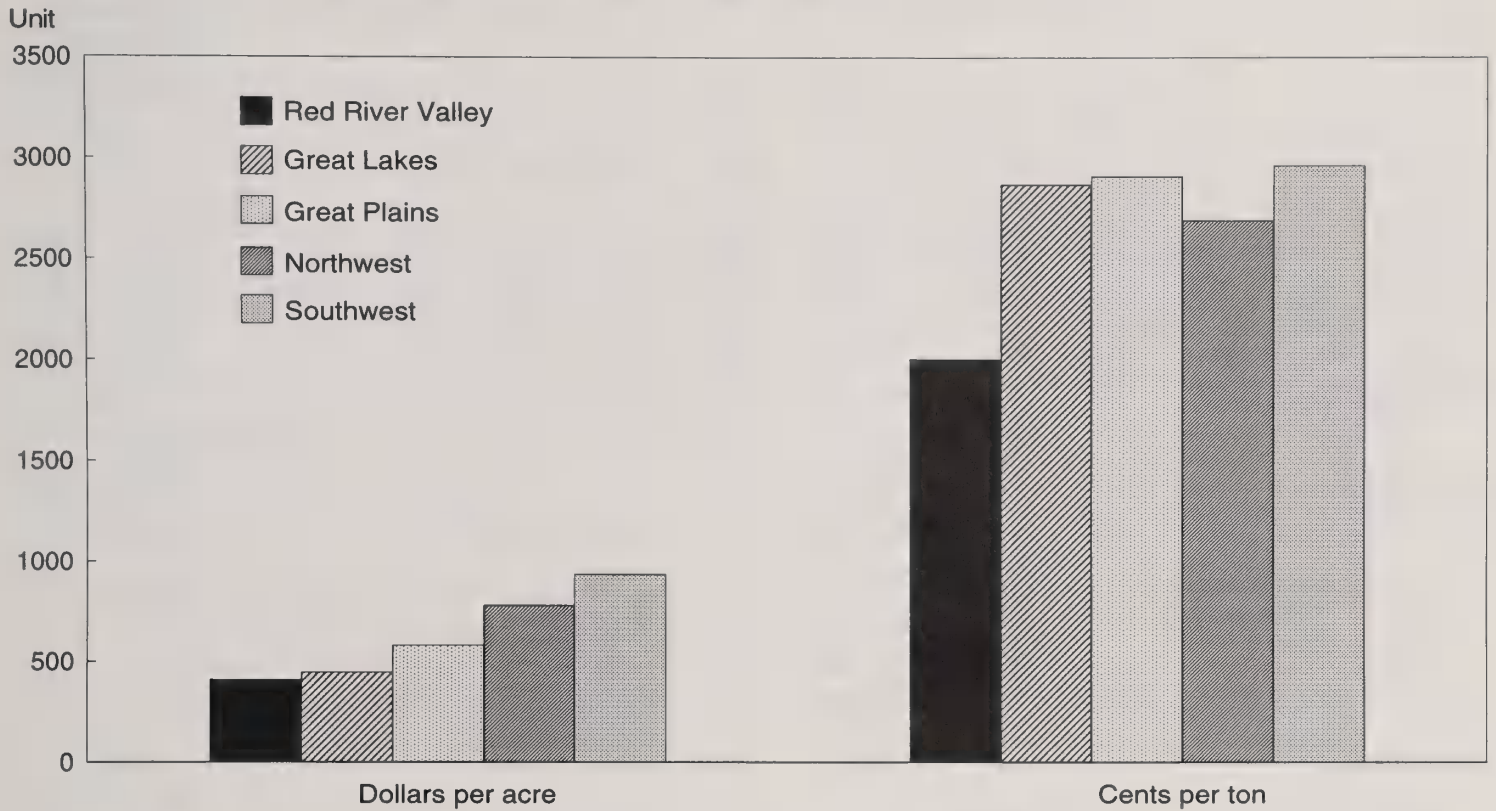
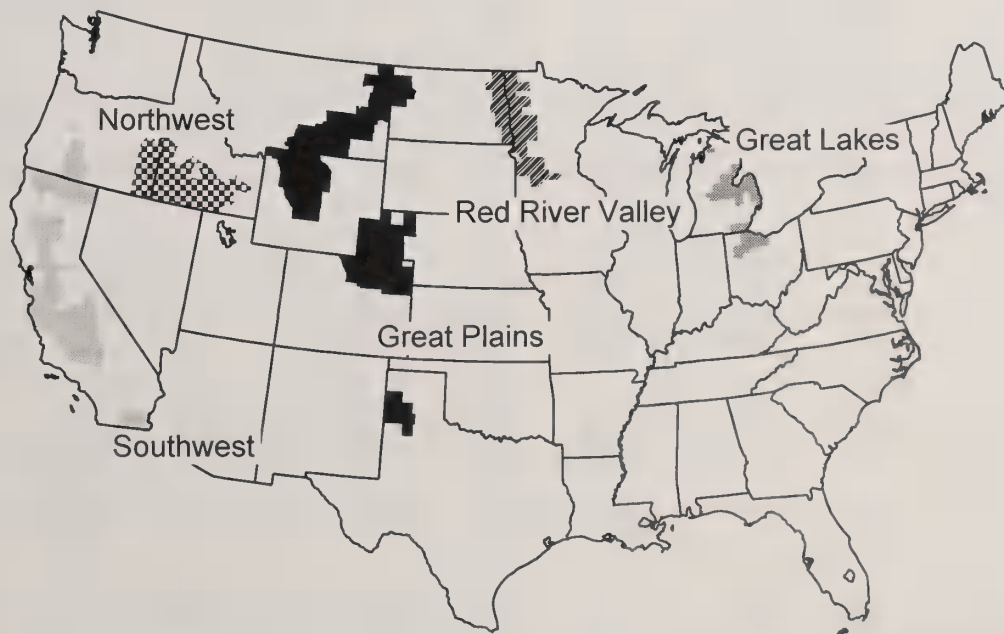


Figure 8-20

Sugar beet production regions



Producers in the areas shaded were surveyed in 1992 about production practices and costs of production.

Table 8-9A—Sugar beet production cash costs and returns, 1993-94¹

Item	United States		Great Lakes		Red River Valley		Great Plains		Northwest		Southwest	
	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994
<i>Dollars per planted acre</i>												
Gross value of production:												
Beets	723.47	855.61	582.04	555.88	591.61	838.25	756.99	760.82	981.77	1,185.37	999.33	1,115.06
Beet tops	0.90	1.12	0.00	0.00	0.00	0.00	3.29	4.25	0.02	0.03	2.41	3.17
Total, gross value of production	724.37	856.73	582.04	555.88	591.61	838.25	760.28	765.07	981.79	1,185.40	1,001.74	1,118.23
Cash expenses:												
Seed	35.71	39.85	22.29	22.48	37.53	44.43	37.28	40.99	39.94	40.37	38.22	42.91
Fertilizer	57.69	60.38	57.77	59.41	28.68	32.78	67.89	71.86	102.87	106.08	84.43	87.94
Chemicals	69.21	70.07	55.08	57.30	66.30	66.79	72.91	73.57	75.58	77.90	84.57	84.29
Custom operations	41.06	44.71	29.13	29.80	19.88	24.78	30.06	25.46	32.81	37.40	183.98	200.69
Fuel and lubrication	43.10	40.57	23.27	21.74	18.20	18.46	57.07	51.37	95.25	93.78	63.58	60.98
Repairs	36.66	39.56	27.16	26.70	24.48	29.87	50.78	52.07	55.06	60.36	42.46	44.06
Hired labor	99.46	98.91	55.25	55.89	68.50	66.12	97.07	96.09	177.33	182.48	175.05	180.92
Purchased irrigation water	9.17	9.29	0.00	0.00	0.04	0.04	10.68	11.55	27.14	27.90	28.97	29.82
Freight and dirt hauling charges	14.56	13.92	7.00	5.65	8.92	9.93	16.45	15.16	12.62	12.52	48.62	43.05
Miscellaneous	11.21	11.36	4.46	4.25	14.00	13.85	5.09	5.18	5.05	5.21	32.56	32.62
Hauling allowance (-)	-7.01	-7.13	-2.57	-2.07	-8.33	-9.50	-2.62	-1.87	-1.32	-1.31	-26.58	-23.53
Total, variable cash expenses	410.82	421.49	278.84	281.15	278.20	297.55	442.66	441.43	622.33	642.69	755.86	783.75
General farm overhead	39.77	38.86	39.72	39.30	30.64	30.16	44.91	43.84	47.61	46.87	54.45	53.60
Taxes and insurance	45.85	46.37	76.06	76.22	39.40	39.58	40.35	41.21	38.89	39.33	49.99	51.97
Interest	49.09	45.40	51.84	48.26	45.18	41.90	55.75	51.76	50.52	46.85	44.87	41.60
Total, fixed cash expenses	134.71	130.63	167.62	163.78	115.22	111.64	141.01	136.81	137.02	133.05	149.31	147.17
Total, cash expenses	545.53	552.12	446.46	444.93	393.42	409.19	583.67	578.24	759.35	775.74	905.17	930.92
Gross value of production less cash expenses	178.84	304.61	135.58	110.95	198.19	429.06	176.61	186.83	222.44	409.66	96.57	187.31
Season-average price (dollars/ton)	38.98	38.98	35.84	35.84	40.97	40.97	38.29	38.29	41.13	41.13	35.50	35.50
Yield (net tons/planted acre) ²	18.56	21.95	16.24	15.51	14.44	20.46	19.77	19.87	23.87	28.82	28.15	31.41

Table 8-9B—Sugar beet production economic costs and returns, 1993-94¹

Item	United States		Great Lakes		Red River Valley		Great Plains		Northwest		Southwest	
	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994
<i>Dollars per planted acre</i>												
Gross value of production:												
Beets	723.47	855.61	582.04	555.88	591.61	838.25	756.99	760.82	981.77	1,185.37	999.33	1,115.06
Beet tops	0.90	1.12	0.00	0.00	0.00	0.00	3.29	4.25	0.02	0.03	2.41	3.17
Total, gross value of production	724.37	856.73	582.04	555.88	591.61	838.25	760.28	765.07	981.79	1,185.40	1,001.74	1,118.23
Economic (full ownership) costs:												
Variable cash expenses	410.82	421.49	278.84	281.15	278.20	297.55	442.66	441.43	622.33	642.69	755.86	783.75
General farm overhead	39.77	38.86	39.72	39.30	30.64	30.16	44.91	43.84	47.61	46.87	54.45	53.60
Taxes and insurance	45.85	46.37	76.06	76.22	39.40	39.58	40.35	41.21	38.89	39.33	49.99	51.97
Capital replacement	48.43	52.34	35.36	34.74	32.15	39.24	66.27	68.37	79.11	86.69	49.11	50.96
Operating capital	6.41	9.82	4.35	6.55	4.34	6.93	6.91	10.29	9.71	14.97	11.79	18.26
Nonland capital	25.23	28.04	23.97	24.29	16.10	20.29	35.69	38.2	35.67	40.38	26.32	28.19
Land	124.05	135.42	77.72	81.57	115.67	118.70	126.80	126.23	162.44	212.31	161.27	187.15
Coop share	13.28	20.68	0.00	0.00	33.09	49.42	0.00	0.00	0.00	0.00	0.00	0.00
Unpaid labor	43.91	43.42	54.40	55.10	32.85	31.70	66.67	67.47	43.35	44.52	27.07	27.98
Total, economic costs	757.75	796.44	590.42	598.92	582.44	633.57	830.26	837.04	1,039.11	1,127.76	1,135.86	1,201.86
Residual returns to management and risk	-33.38	60.29	-8.38	-43.04	9.17	204.68	-69.98	-71.97	-57.32	57.64	-134.12	-83.63
Season-average price (dollars/ton)	38.98	38.98	35.84	35.84	40.97	40.97	38.29	38.29	41.13	41.13	35.50	35.50
Yield (net tons/planted acre) ²	18.56	21.95	16.24	15.51	14.44	20.46	19.77	19.87	23.87	28.82	28.15	31.41

¹1994 estimates are preliminary. Sugar beet prices are held at the 1993 level because State-level prices for the 1994 season were not available at the time these estimates were made.

²Yields are those reported in USDA's 1992 Farm Costs and Returns Survey of sugar beet growers adjusted for year-over-year changes as reported by NASS/USDA in *Crop Production, 1994 Summary*, January 1995.

Note: Sugar beet regions defined as: Great Lakes (Michigan, Ohio), Red River Valley (Minnesota, eastern North Dakota), Great Plains (western North Dakota, Montana, Wyoming, Nebraska, Colorado, Texas), Northwest (Idaho, Oregon except Klamath County), and Southwest (California, Klamath County of Oregon).

Table 8-9C—Beet sugar processing costs per ton sliced, 1992-94

Item	United States			East			West		
	1992 r	1993	1994	1992 r	1993	1994	1992 r	1993	1994
<i>Dollars per net ton</i>									
Variable cash expenses:									
Beet acquisition	3.58	3.45	3.47	2.86	2.94	2.96	3.87	3.87	3.99
Processing:									
Labor	3.26	3.30	3.24	2.95	3.17	3.06	3.39	3.41	3.43
Fuel	3.60	3.62	3.53	3.78	3.76	3.65	3.52	3.51	3.41
Chemicals	0.63	0.67	0.70	0.74	0.75	0.77	0.59	0.60	0.62
Electricity	0.49	0.62	0.68	1.02	1.04	1.07	0.27	0.27	0.27
Materials and supplies	0.77	0.91	0.96	1.33	1.35	1.36	0.54	0.55	0.55
Repairs and maintenance	2.59	2.85	2.98	3.51	3.61	3.66	2.22	2.23	2.28
Labor benefits	2.05	2.12	2.09	2.00	2.15	2.08	2.07	2.08	2.10
Marketing	8.98	9.05	9.09	8.59	8.77	8.82	9.15	9.27	9.37
Total variable cash expenses	25.95	26.59	26.74	26.78	27.54	27.43	25.62	25.79	26.02
Fixed expenses:									
Depreciation	1.34	1.54	1.66	2.23	2.23	2.30	0.98	0.97	1.01
Taxes and insurance	0.35	0.41	0.39	0.50	0.54	0.49	0.28	0.29	0.30
Interest	0.99	0.80	1.16	0.66	0.58	0.86	1.12	0.98	1.46
Total fixed cash expenses	2.68	2.75	3.21	3.39	3.35	3.65	2.38	2.24	2.77
General and administrative:									
Labor	0.58	0.60	0.60	0.58	0.63	0.61	0.58	0.58	0.59
Nonlabor	0.91	0.82	0.81	0.42	0.43	0.44	1.11	1.15	1.19
Total general and administrative	1.49	1.42	1.41	1.00	1.06	1.05	1.69	1.73	1.78
Pulp drying and marketing	3.43	3.08	3.70	3.24	2.85	3.85	3.51	3.27	3.55
Total processing costs	33.55	33.84	35.06	34.41	34.80	35.98	33.20	33.03	34.12
Credits:									
Dried pulp	5.31	4.97	6.19	6.01	5.28	7.19	5.02	4.72	5.15
Molasses	1.51	1.26	1.90	1.72	1.33	2.21	1.43	1.19	1.58
Other	0.40	0.37	0.48	0.44	0.39	0.55	0.38	0.36	0.40
Total	7.22	6.60	8.57	8.17	7.00	9.95	6.83	6.27	7.13

Table 8-9D—Beet sugar processing costs per pound of refined sugar, 1992-94

Item	United States			East			West		
	1992 r	1993	1994	1992 r	1993	1994	1992 r	1993	1994
<i>Cents per pound of refined sugar</i>									
Variable cash expenses:									
Beet acquisition	1.190	1.116	1.136	0.838	0.912	0.954	1.466	1.299	1.330
Processing:									
Labor	1.085	1.069	1.063	0.864	0.986	0.987	1.284	1.143	1.144
Fuel	1.196	1.172	1.158	1.104	1.167	1.178	1.335	1.177	1.137
Chemicals	0.210	0.216	0.228	0.215	0.233	0.249	0.222	0.201	0.205
Electricity	0.161	0.199	0.222	0.299	0.323	0.346	0.101	0.089	0.090
Materials and supplies	0.256	0.295	0.315	0.389	0.418	0.437	0.206	0.185	0.184
Repairs and maintenance	0.863	0.924	0.978	1.026	1.121	1.180	0.841	0.747	0.761
Labor benefits	0.683	0.685	0.684	0.586	0.669	0.670	0.785	0.699	0.700
Marketing	2.988	2.928	2.979	2.512	2.723	2.845	3.464	3.112	3.122
Total variable cash expenses	8.632	8.604	8.763	7.833	8.552	8.846	9.704	8.652	8.673
Fixed expenses:									
Depreciation	0.446	0.499	0.545	0.653	0.691	0.741	0.370	0.327	0.335
Taxes and insurance	0.115	0.131	0.129	0.147	0.169	0.158	0.107	0.098	0.098
Interest	0.328	0.258	0.379	0.193	0.180	0.279	0.424	0.328	0.487
Total fixed cash expenses	0.889	0.888	1.053	0.993	1.040	1.178	0.901	0.753	0.920
General and administrative:									
Labor	0.194	0.196	0.196	0.171	0.195	0.195	0.220	0.196	0.196
Nonlabor	0.304	0.267	0.265	0.122	0.133	0.143	0.422	0.386	0.396
Total general and administrative	0.498	0.463	0.461	0.293	0.328	0.338	0.642	0.582	0.592
Pulp drying and marketing	1.141	0.996	1.214	0.948	0.884	1.243	1.328	1.097	1.182
Total processing costs	11.160	10.951	11.491	10.067	10.804	11.605	12.575	11.084	11.367
Credits:									
Dried pulp	1.766	1.610	2.028	1.759	1.640	2.320	1.902	1.583	1.716
Molasses	0.504	0.406	0.622	0.501	0.414	0.712	0.543	0.400	0.527
Other	0.132	0.121	0.156	0.130	0.122	0.177	0.144	0.120	0.133
Total	2.402	2.137	2.806	2.390	2.176	3.209	2.589	2.103	2.376
Recovery per net ton of beets (lbs)	300.6	308.9	305.1	342.0	322.0	310.0	264.0	298.0	300.0

r = Revised based on processor survey for the 1992 crop.

Sugarcane Costs Also Revised

Total per acre cash costs for growing sugarcane rose by an average 3.8 percent nationally from 1993 to 1994. According to USDA's Prices Paid Index, prices for production inputs rose an average 2.7 percent for the year. Cane production costs rose by more because of the mix of inputs and the fact that yields were up by an average 3.6 percent. Higher yields mean that more harvest machinery time and labor are required, adding to the basic price increases for the inputs.

Cost increases varied across the regions. They rose 4.9 percent in Hawaii, the highest cost State, but only 3.0 percent in Louisiana/Texas. (Louisiana and Texas have been combined into one region due to too few survey observations in Texas to publish a State estimate.) Again, much is explained by 1994 yields. Cane yields in Hawaii were up by 5.3 percent, the highest of the three regions, but fell by nearly 10 percent in Louisiana/Texas.

Labor plays the biggest part in sugarcane production costs, averaging nearly half of all cash expenses, regardless of region. Although wage rates varied across States, they rose an average 2.1 percent in 1994. The yield changes add to this (or subtract in the case of Louisiana/Texas).

As with sugar beets, total economic costs and returns for sugarcane were difficult to assess, since both depend on 1994 crop prices, which were not available at the time the estimates were made. The 1994 cane

prices used for estimating the gross value of production and the share rent component of the land costs have been held at their published 1993 level. The 1994 sugarcane production cost and return estimates will be revised in next year's publication.

Cane Sugar Processing Costs Up 2.3 Percent

Raw sugar production for fiscal year 1994 was up by nearly 2 percent for cane sugar. Based on the recently analyzed processor survey (see section on sugar beets), U.S. total processing costs for the 1994 sugarcane crop averaged \$19.22 per ton, up by 2.3 percent from 1993. Most of the increase was due to increases in the costs of materials and supplies for cane transportation and factory repairs and maintenance. On a cents-per-pound basis, costs rose even more (5.1 percent) due to a 2.7-percent drop in the average sugar recovery rate.

There was considerable cost variation across the major sugarcane regions. Florida is the major producer and had costs of 6.983 cents per pound compared with Louisiana/Texas costs of 8.26 cents and Hawaii costs of 11.347 cents. On a percentage basis, Louisiana/Texas had the largest increase for the year due to a nearly 9-percent drop in recovery rate.

After subtracting credits for molasses and other byproducts, net processing costs ranged from 6.304 cents in Florida to 9.425 cents in Hawaii, averaging 7.217 cents at the U.S. level.

Figure 8-21

Cash costs for sugarcane, 1994

Hired labor was largest single component of sugarcane cash costs of production

Dollars/harvested acre

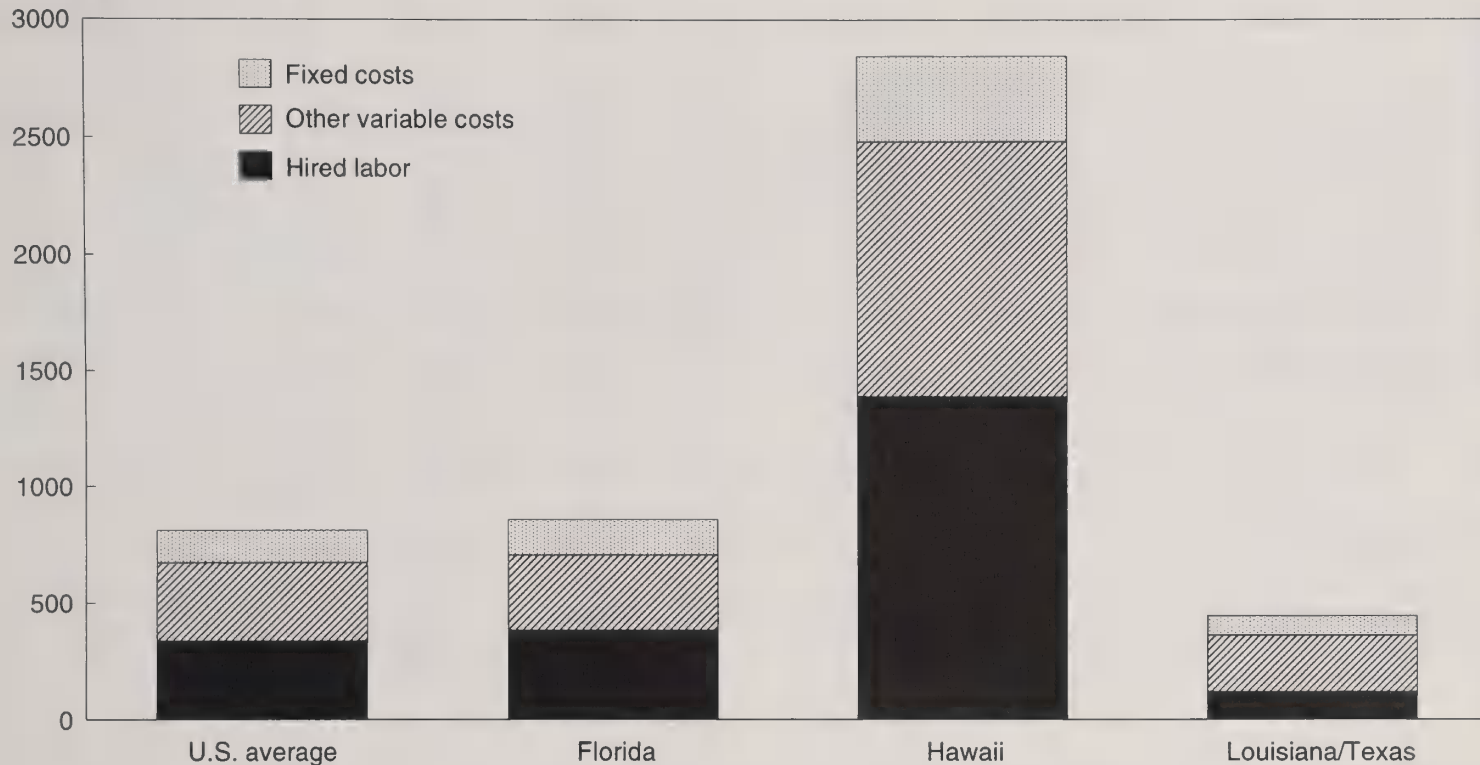


Figure 8-22

Sugarcane production regions



Producers in the States shaded were surveyed in 1992 about production practices and costs of production. Production regions are defined for each crop based on common cultural practices.

Table 8-10A—Sugarcane production cash costs and returns, 1993-94

Item	United States		Florida		Hawaii		Louisiana/Texas	
	1993	1994	1993	1994	1993	1994	1993	1994
	<i>Dollars per harvested acre</i>							
Gross value of production ¹	946.20	980.40	1,036.64	1,073.12	2,516.00	2,649.20	598.40	537.68
Cash expenses:								
Seed ²	35.89	35.77	27.22	27.77	n/a	n/a	50.78	50.03
Fertilizer	60.59	63.05	51.48	50.97	230.04	252.14	42.96	46.68
Chemicals	63.14	65.71	55.17	57.67	140.06	146.38	59.19	61.86
Custom operations	54.36	58.56	96.16	102.29	59.40	64.27	9.52	10.23
Fuel and lubrication	26.03	24.70	20.81	19.75	84.65	81.68	22.12	21.20
Repairs	93.95	99.92	75.42	80.24	417.97	452.31	61.43	66.35
Hired labor	322.09	334.69	359.80	382.63	1,327.82	1,385.31	120.85	118.90
Purchased irrigation water	5.34	5.51	6.34	6.51	n/a	n/a	5.13	5.27
Miscellaneous	8.77	8.71	0.52	0.53	97.73	100.54	3.18	3.27
Hauling allowance (-)	-7.63	-6.91	0.00	0.00	0.00	0.00	-16.89	-15.48
Total, variable cash expenses	662.53	689.71	692.92	728.36	2,357.67	2,482.63	358.27	368.31
General farm overhead	86.66	88.27	106.01	108.22	313.12	319.66	29.92	30.54
Taxes and insurance	36.08	38.44	36.11	37.66	43.26	45.38	34.90	38.21
Interest	11.95	11.39	8.75	8.36	n/a	n/a	17.24	16.46
Total, fixed cash expenses	134.69	138.10	150.87	154.24	356.38	365.04	82.06	85.21
Total, cash expenses	797.22	827.81	843.79	882.60	2,714.05	2,847.67	440.33	453.52
Gross value of production less cash expenses	148.98	152.59	192.85	190.52	-198.05	-198.47	158.07	84.16
Season-average price (dollars/ton) ¹	28.50	28.50	30.40	30.40	29.60	29.60	25.09	25.09
Yield (net tons/harvested acre)	33.20	34.40	34.10	35.30	85.00	89.50	23.85	21.43

Table 8-10B—Sugarcane production economic costs and returns, 1993-94

Item	United States		Florida		Hawaii		Louisiana/Texas	
	1993	1994	1993	1994	1993	1994	1993	1994
	<i>Dollars per harvested acre</i>							
Gross value of production ¹	946.20	980.40	1,036.64	1,073.12	2,516.00	2,649.20	598.40	537.68
Economic (full ownership) costs:								
Variable cash expenses	662.53	689.71	692.92	728.36	2,357.67	2,482.63	358.27	368.31
General farm overhead	86.66	88.27	106.01	108.22	313.12	319.66	29.92	30.54
Taxes and insurance	36.08	38.44	36.11	37.66	43.26	45.38	34.90	38.21
Capital replacement	69.87	70.99	45.13	45.09	163.91	173.68	80.82	83.08
Operating capital	10.34	16.07	10.81	16.97	36.78	57.85	5.59	8.58
Other nonland capital	27.57	28.99	10.37	11.06	92.48	98.62	35.25	37.59
Land	143.42	122.70	176.25	126.65	203.03	219.27	99.27	103.36
Unpaid labor	15.16	14.77	1.23	1.31	n/a	n/a	32.27	31.67
Total, economic costs	1,051.63	1,069.94	1,078.83	1,075.32	3,210.25	3,397.09	676.29	701.34
Residual returns to management and risk	-105.43	-89.54	-42.19	-2.20	-694.25	-747.89	-77.89	-163.66
Season-average price (dollars/ton) ¹	28.50	28.50	30.40	30.40	29.60	29.60	25.09	25.09
Yield (net tons/harvested acre)	33.20	34.40	34.10	35.30	85.00	89.50	23.85	21.43

¹For 1994, sugarcane prices are held at the 1993 level. Prices for the 1994 season were not available at the time these estimates were made.

²Includes cost of purchased seed and home-grown seed.

Table 8-10C—Sugarcane processing costs per net ton, 1992-94

Item	United States			Florida			Hawaii			Louisiana/Texas		
	1992 r	1993	1994	1992 r	1993	1994	1992 r	1993	1994	1992 r	1993	1994
<i>Dollars per net ton</i>												
Variable cash expenses:												
Cane transportation	2.56	2.49	2.58	2.82	2.81	2.90	1.64	1.63	1.66	2.49	2.49	2.60
Processing:												
Labor	2.38	2.41	2.42	2.48	2.48	2.49	3.65	3.63	3.64	1.61	1.61	1.66
Fuel	0.54	0.61	0.60	0.23	0.23	0.22	1.44	1.44	1.40	0.73	0.72	0.70
Chemicals	0.25	0.26	0.27	0.17	0.18	0.18	0.33	0.34	0.35	0.35	0.36	0.37
Electricity	0.41	0.49	0.49	0.12	0.12	0.12	1.23	1.27	1.28	0.58	0.60	0.60
Materials and supplies	1.07	1.10	1.11	0.98	0.99	1.00	1.09	1.10	1.11	1.24	1.25	1.26
Repairs and maintenance	3.28	3.42	3.54	2.66	2.66	2.73	5.06	5.05	5.20	3.67	3.66	3.81
Labor benefits	1.38	1.47	1.48	1.10	1.10	1.10	3.00	2.98	3.00	1.17	1.17	1.21
Marketing	2.41	2.59	2.59	2.27	2.31	2.34	5.46	5.54	5.61	1.33	1.34	1.37
Total variable cash expenses	14.28	14.84	15.08	12.83	12.88	13.08	22.90	22.98	23.25	13.17	13.20	13.58
Fixed cash expenses:												
Depreciation	1.28	1.36	1.40	0.96	0.96	0.99	2.35	2.35	2.42	1.41	1.41	1.45
Taxes and insurance	0.40	0.41	0.43	0.27	0.27	0.27	0.38	0.39	0.40	0.64	0.65	0.68
Interest	0.28	0.23	0.34	0.36	0.31	0.47	0.00	0.00	0.00	0.26	0.22	0.33
Total fixed cash expenses	1.96	2.00	2.17	1.59	1.54	1.73	2.73	2.74	2.82	2.31	2.28	2.46
General and administrative:												
Labor	0.71	0.73	0.74	0.65	0.65	0.65	1.05	1.04	1.05	0.69	0.68	0.71
Nonlabor	1.22	1.20	1.24	1.47	1.52	1.57	0.74	0.77	0.79	0.94	0.97	1.00
Total general and administrative	1.93	1.93	1.98	2.12	2.17	2.22	1.79	1.81	1.84	1.63	1.65	1.71
Total processing costs	18.17	18.77	19.23	16.54	16.59	17.03	27.42	27.53	27.91	17.11	17.13	17.75
Credits:												
Molasses	1.41	1.31	1.59	1.36	1.25	1.50	1.47	1.34	1.57	1.50	1.39	1.75
Bagasse	0.06	0.06	0.07	0.06	0.06	0.06	0.00	0.00	0.00	0.10	0.10	0.10
Other	0.47	0.64	0.61	0.09	0.10	0.10	3.10	3.20	3.16	0.00	0.00	0.00
Total	1.94	2.01	2.27	1.51	1.41	1.66	4.57	4.54	4.73	1.60	1.49	1.85

Table 8-10D—Sugarcane processing costs per pound of 96-degree raw sugar, 1992-94

Item	United States			Florida			Hawaii			Louisiana/Texas		
	1992 r	1993	1994	1992 r	1993	1994	1992 r	1993	1994	1992 r	1993	1994
<i>Cents per pound of raw sugar</i>												
Variable cash expenses:												
Cane transportation	1.097	1.031	1.097	1.164	1.159	1.189	0.682	0.653	0.673	1.147	1.060	1.210
Processing:												
Labor	1.018	0.998	1.029	1.027	1.021	1.020	1.520	1.453	1.482	0.743	0.685	0.774
Fuel	0.232	0.255	0.254	0.096	0.095	0.092	0.602	0.576	0.569	0.334	0.307	0.327
Chemicals	0.106	0.110	0.117	0.071	0.072	0.074	0.139	0.137	0.143	0.161	0.151	0.170
Electricity	0.174	0.203	0.208	0.049	0.051	0.049	0.512	0.509	0.519	0.268	0.253	0.279
Materials and supplies	0.459	0.455	0.471	0.406	0.409	0.410	0.453	0.441	0.451	0.569	0.533	0.587
Repairs and maintenance	1.405	1.419	1.506	1.099	1.094	1.121	2.109	2.024	2.113	1.689	1.554	1.772
Labor benefits	0.589	0.610	0.629	0.455	0.452	0.452	1.250	1.195	1.219	0.540	0.498	0.563
Marketing	1.032	1.075	1.105	0.938	0.950	0.958	2.273	2.221	2.282	0.610	0.571	0.635
Total variable cash expenses	6.112	6.156	6.416	5.305	5.303	5.365	9.540	9.209	9.451	6.061	5.612	6.317
Fixed cash expenses:												
Depreciation	0.549	0.564	0.597	0.398	0.396	0.406	0.981	0.941	0.986	0.648	0.598	0.675
Taxes and insurance	0.169	0.172	0.185	0.111	0.111	0.112	0.157	0.156	0.162	0.296	0.276	0.318
Interest	0.120	0.094	0.144	0.148	0.129	0.192	0.000	0.000	0.000	0.117	0.095	0.155
Total fixed cash expenses	0.838	0.830	0.926	0.657	0.636	0.710	1.138	1.097	1.148	1.061	0.969	1.148
General and administrative:												
Labor	0.305	0.303	0.315	0.268	0.266	0.266	0.436	0.417	0.425	0.315	0.291	0.328
Nonlabor	0.520	0.498	0.527	0.609	0.627	0.642	0.310	0.308	0.322	0.432	0.412	0.465
Total	0.825	0.801	0.842	0.877	0.893	0.908	0.746	0.725	0.747	0.747	0.703	0.793
Total processing costs	7.775	7.787	8.184	6.839	6.832	6.983	11.424	11.031	11.346	7.869	7.284	8.258
Credits:												
Molasses	0.605	0.543	0.678	0.561	0.514	0.613	0.614	0.537	0.638	0.688	0.590	0.814
Bagasse	0.027	0.027	0.028	0.026	0.027	0.026	0.000	0.000	0.000	0.044	0.043	0.048
Other	0.199	0.266	0.260	0.038	0.039	0.040	1.292	1.284	1.284	0.000	0.000	0.000
Total	0.831	0.836	0.966	0.625	0.580	0.679	1.906	1.821	1.922	0.732	0.633	0.862
Recovery per net ton of cane (lbs)	233.6	241.4	234.9	241.8	242.7	243.9	240.1	249.5	245.8	217.4	235.2	214.9

r = Revised based on processor survey for the 1992 crop.

Peanut Output Recovers From 1993 Drought, Offsetting Increased Costs

Production of peanuts in 1994 totaled 4.26 billion pounds, 26 percent above the drought-reduced 1993 crop but slightly below the 1992 crop. Planted and harvested acreage at 1.65 and 1.61 million acres, respectively, were both 5 percent below the 1993 planted and harvested levels.

Peanut yields improved dramatically in all three peanut regions in 1994. Recovering from the 1993 drought, yields in the Virginia-North Carolina region were almost double the 1993 level (up by 90 percent) while yields in the Southeast and Southern Plains rose by slightly more than 30 percent. The Southeast accounted for roughly 60 percent of 1994 peanut production (with 74 percent of that coming from Georgia), the Virginia-North Carolina region for 19 percent, and the Southern Plains for 21 percent. Gross value of production covered cash expenses in all regions, and also covered economic costs in both the Southeast and Virginia-North Carolina regions. Residual returns to management and risk remained negative in the Southern Plains, although greatly improved from 1993.

Three inputs (seed, chemicals, and hired labor) accounted for 62 percent of 1994 U.S. variable cash expenses, 65 percent in the Virginia-North Carolina and Southeast regions, and 52 percent in the Southern

Plains. Differences in seed costs are largely explained by differences in seeding rates (both costs and seeding rates were lowest in the Southern Plains and highest in the Virginia-North Carolina region). Chemical costs in the Southern Plains are less than half the cost incurred in the other two regions. Differences in chemical costs are largely due to regional growing conditions and crop rotation practices. Differences in fuel, labor, and commercial drying costs are explained by the more extensive use of custom drying in the Southern Plains and the practice of onfarm drying in the Virginia-North Carolina region. Gross value of production and costs were both highest in the Virginia-North Carolina region, which is also the highest yielding region.

Although fixed cash expenses remained only 20 percent of total cash expenses, they were considerably higher per planted acre in 1994 than in 1993. General farm overhead, taxes, and insurance rose considerably. General farm overhead was \$9-\$16 per acre higher, mostly in the Southern Plains. Taxes and insurance rose by \$3-\$10 per acre, rising most in the Virginia-North Carolina region. The Virginia-North Carolina region had by far the highest cash expenses, largely because it had the highest yields and therefore peanuts contributed a large portion of the gross value of production for the farm.

Figure 8-23

Returns to management and risk for peanuts, 1992-94

Normally profitable peanuts had loss in 1993 but recovered with higher yields in 1994

Dollars/acre

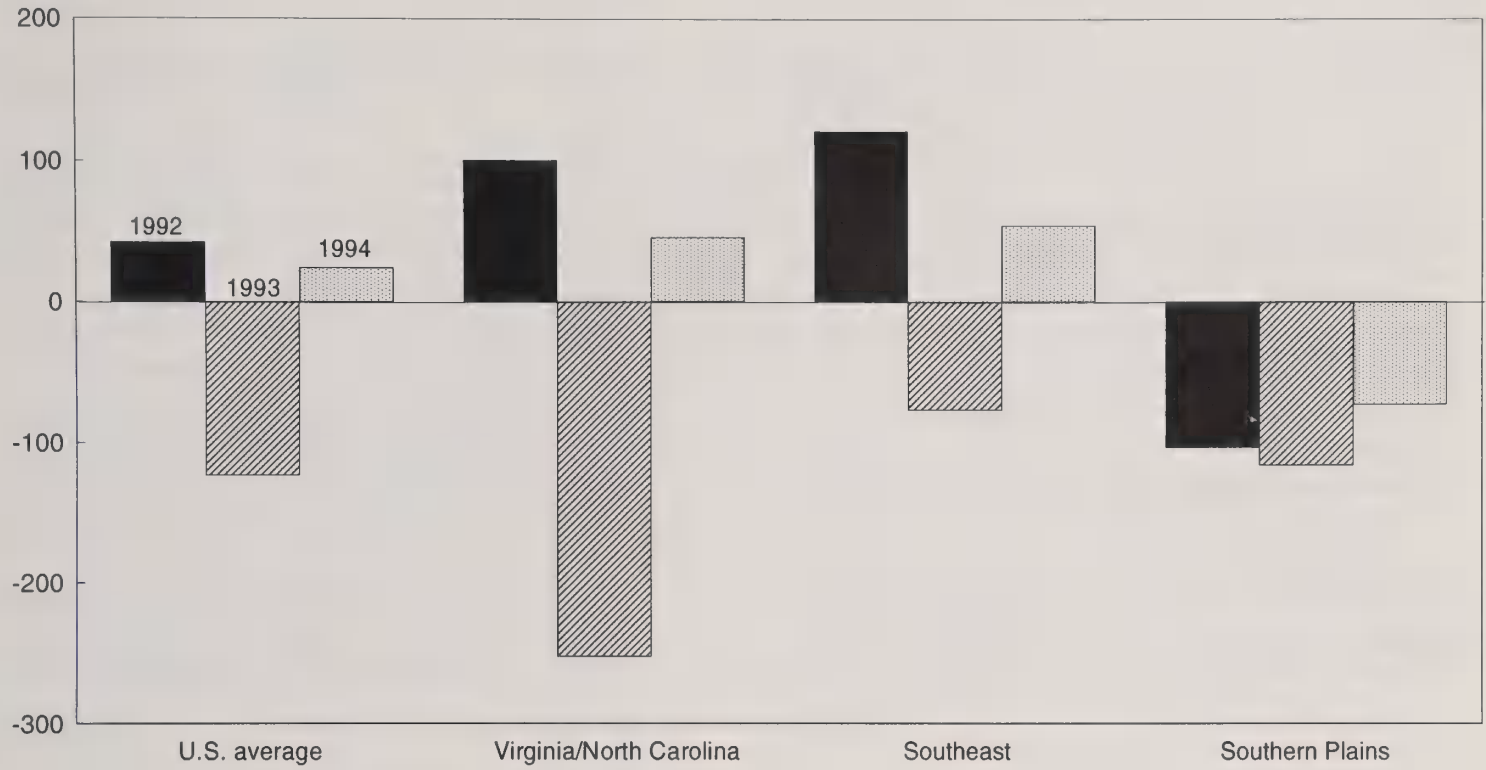


Figure 8-24

Peanut production regions



Producers in the States shaded were surveyed in 1991 about production practices and costs of production. Production regions are defined for each crop based on common cultural practices.

Table 8-11A—Peanut production cash costs and returns, 1993-94

Item	United States		Virginia/ North Carolina		Southeast		Southern Plains	
	1993	1994	1993	1994	1993	1994	1993	1994
<i>Dollars per planted acre</i>								
Gross value of production:								
Peanuts	562.67	765.90	527.33	930.80	605.98	781.13	519.48	605.67
Peanut hay	7.91	8.65	8.24	8.58	7.52	8.39	8.66	9.31
Total, gross value of production	570.58	774.55	535.57	939.38	613.50	789.52	528.14	614.98
Cash expenses:								
Seed	71.18	78.57	78.75	91.71	73.75	80.39	60.19	66.00
Fertilizer, lime, and gypsum	42.40	44.53	52.00	53.04	42.31	44.60	36.72	39.02
Chemicals	92.57	90.97	110.16	111.56	104.26	103.18	52.93	48.91
Custom operations ¹	7.92	8.76	6.56	7.15	6.63	7.23	11.95	13.40
Fuel, lube, and electricity	26.78	33.07	24.03	45.50	22.49	27.15	39.06	39.45
Repairs	27.60	29.91	28.08	32.20	24.95	26.92	33.83	35.63
Hired labor	44.93	47.52	74.01	76.10	37.72	40.42	44.94	46.63
Drying	12.71	16.58	8.34	15.32	11.29	14.93	18.90	21.30
Other variable cash expenses ²	0.56	0.58	0.00	0.00	0.05	0.05	2.15	2.20
Total, variable cash expenses	326.65	350.49	381.93	432.58	323.45	344.87	300.67	312.54
General farm overhead	19.92	31.39	22.79	35.76	15.95	25.04	27.97	43.85
Taxes and insurance	17.57	24.81	24.92	35.31	17.80	24.79	12.50	18.29
Interest	38.93	38.57	33.80	33.55	41.01	40.69	36.94	36.66
Total, fixed cash expenses	76.42	94.77	81.51	104.62	74.76	90.52	77.41	98.80
Total, cash expenses	403.07	445.26	463.44	537.20	398.21	435.39	378.08	411.34
Gross value of production less cash expenses	167.51	329.29	72.13	402.18	215.29	354.13	150.06	203.64
Harvest-period price (dollars/lb)	0.29	0.29	0.30	0.28	0.30	0.29	0.28	0.29
Yield (lbs/planted acre)	1,940.24	2,641.03	1,757.75	3,324.29	2,019.92	2,693.54	1,855.29	2,088.53

Table 8-11B—Peanut production economic costs and returns, 1993-94

Item	United States		Virginia/ North Carolina		Southeast		Southern Plains	
	1993	1994	1993	1994	1993	1994	1993	1994
<i>Dollars per planted acre</i>								
Gross value of production:								
Peanuts	562.67	765.90	527.33	930.80	605.98	781.13	519.48	605.67
Peanut hay	7.91	8.65	8.24	8.58	7.52	8.39	8.66	9.31
Total, gross value of production	570.58	774.55	535.57	939.38	613.50	789.52	528.14	614.98
Economic (full ownership) costs:								
Variable cash expenses	326.65	350.49	381.93	432.58	323.45	344.87	300.67	312.54
General farm overhead	19.92	31.39	22.79	35.76	15.95	25.04	27.97	43.85
Taxes and insurance	17.57	24.81	24.92	35.31	17.80	24.79	12.50	18.29
Capital replacement	46.41	50.36	56.10	63.51	35.32	38.12	67.86	71.39
Operating capital	5.10	8.17	5.96	10.08	5.05	8.04	4.69	7.28
Other nonland capital	23.97	26.82	25.71	30.16	19.00	21.17	35.18	38.22
Land	97.77	96.11	97.07	104.57	110.43	106.09	66.31	59.53
Peanut quota	115.40	118.48	128.01	134.75	124.24	125.19	85.84	92.29
Unpaid labor	41.24	43.48	45.56	46.85	39.29	42.06	43.41	44.74
Total, economic costs	694.03	750.11	788.05	893.57	690.53	735.37	644.43	688.13
Residual returns to management and risk	-123.45	24.44	-252.49	45.81	-77.03	54.15	-116.29	-73.15
Harvest-period price (dollars/lb)	0.29	0.29	0.30	0.28	0.30	0.29	0.28	0.29
Yield (lbs/planted acre)	1,940.24	2,641.03	1,757.75	3,324.29	2,019.92	2,693.54	1,855.29	2,088.53

¹Cost of custom operations and technical services.

²Cost of purchased irrigation water.

Production Costs per Acre Rose for Both Flue-Cured and Burley Tobacco

Flue-Cured Tobacco Production Costs Rose per Acre, Fell by Hundredweight

The average variable costs of producing an acre of flue-cured tobacco increased by 5 percent between 1993 and 1994, from \$1,789 to \$1,885. While most cost components increased between 1993 and 1994, energy-related costs declined by \$31. Total machinery and barn ownership costs increased by almost 4 percent, from \$505 to \$523 per acre, between 1993 and 1994. Continued increases in prices caused machinery costs to increase and resulted in capital replacement costs per acre rising from \$281 in 1993 to \$290 in 1994. General farm overhead increased by almost \$49 per acre between 1993 and 1994. Land and quota charges increased from \$893 per acre in 1993 to \$977 in 1994 because yields and market prices were higher.

Total variable costs per 100 pounds were about \$81 in 1993 and \$78 in 1994. Total ownership costs per 100 pounds decreased \$1.17 between 1993 and 1994. General farm overhead and land and quota charges increased by 27 cents. Total costs per 100 pounds, excluding a charge for land and quota, decreased from \$114 in 1993 to \$110 in 1994.

Burley Tobacco Costs Rose 6 Percent to Average \$3,368 per Acre

The total variable costs of producing and selling burley tobacco increased from \$2,314 per acre in 1993 to \$2,441 in 1994, with selling costs accounting for most of this increase. Total costs per acre, excluding land and quota costs, increased by almost 6 percent to

\$3,368 per acre. All but fuel, lubrication, curing, and heating fuel costs increased. Although energy costs decreased, the decline was only about 2 percent. Selling costs (marketing fees, no-net-cost and marketing assessments, and inspection and grading fees) per acre increased from \$237 in 1993 to \$342 in 1994, which constituted about 83 percent of the difference between the 1993 and 1994 total variable costs per acre. An increase in burley tobacco placed under the loan program increased loan stocks, thereby raising the risk of losses in operating the price support program. Prices for machinery and barns increased between 1993 and 1994 and machinery and barn ownership costs rose by 3 percent in 1994, from about \$492 per acre in 1993 to \$508 per acre. Of the ownership costs, taxes and insurance increased the most, almost 6 percent from \$118 in 1993 to \$125 in 1994. Capital replacement costs increased from \$266 in 1993 to \$273 in 1994. General farm overhead, land, and quota costs rose by almost 10 percent, reflecting increases of \$2.50 per 100 pounds for the average market price of burley tobacco and 192 pounds per acre in yield.

Total variable costs per 100 pounds were about \$106 in 1994, which was a decrease of \$3.64 per 100 pounds from 1993 levels. The largest change (a decrease of \$5.35 per 100 pounds) between individual cost items was labor, followed by no-net-cost and marketing assessments (an increase of \$3.50 per 100 pounds). The total costs per 100 pounds, excluding a charge for land and quota, decreased from \$151 in 1993 to \$146 in 1994 as a result of a 192-pound-per-acre increase in yield.

Figure 8-25

Variable costs for tobacco, 1993-94

Burley's high post-harvest labor costs more than offset flue-cured's larger fuel costs

Dollars/planted acre

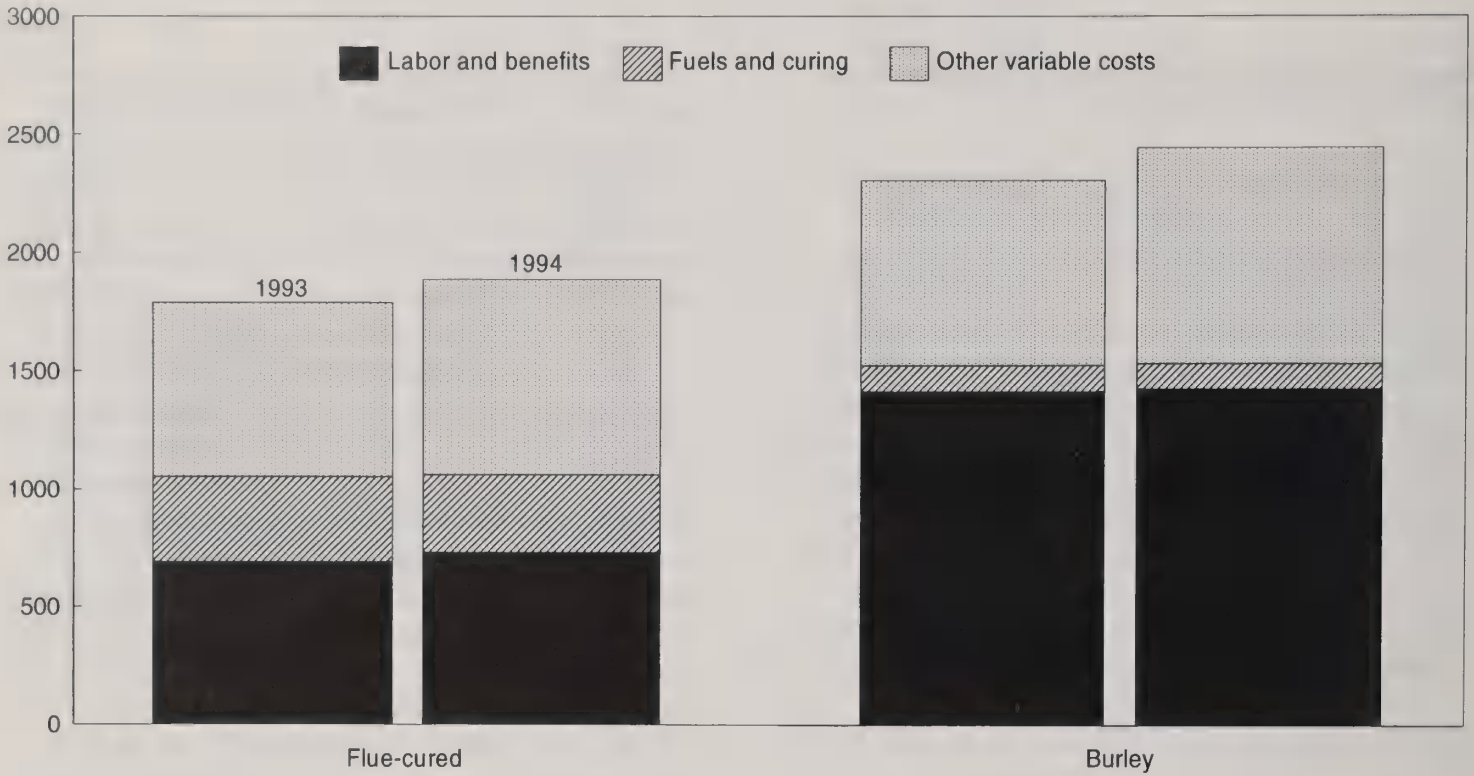
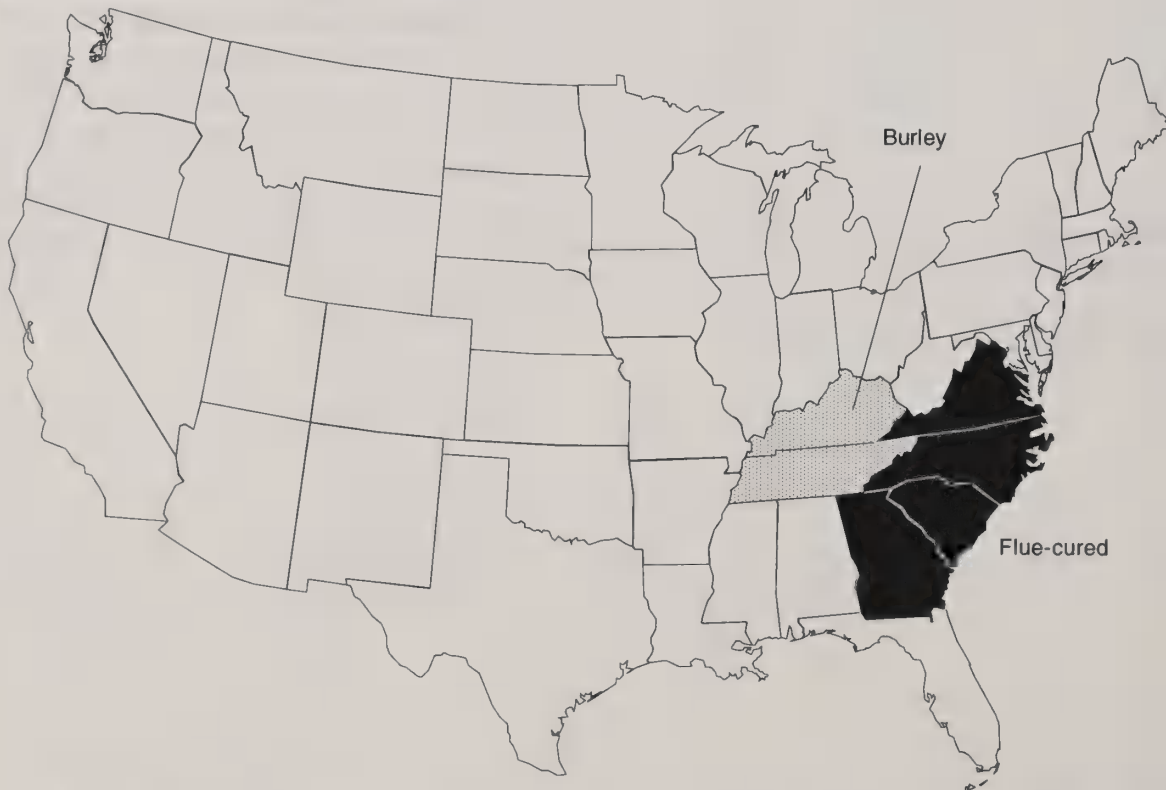


Figure 8-26

Tobacco production regions



Producers in the States shaded were surveyed in 1991 for flue-cured and in 1989 for burley tobacco production practices and costs of production.

Table 8-12A—Tobacco production cash costs and returns, 1993-94

Item	Flue-cured		Burley	
	1993	1994	1993	1994
	<i>Dollars per acre</i>			
Cash receipts	3,726.78	4,089.80	3,828.13	4,234.30
Variable costs:				
Labor ¹	665.25	705.17	1,404.13	1,409.06
Noncash benefits ²	22.95	23.79	15.16	15.31
Fertilizer and lime ³	182.18	196.27	240.20	243.89
Plant bed materials ⁴	44.03	45.49	72.17	76.28
Chemicals ⁵	211.08	212.80	89.14	92.78
Custom operations	6.89	7.81	9.75	10.86
Fuel and lubrication ⁶	60.52	55.26	103.69	101.63
Curing fuel and electricity ⁷	301.16	274.97	7.87	7.19
Repairs ⁸	136.50	140.33	98.14	103.62
Warehouse fee	98.76	108.38	200.98	222.30
No-net-cost and marketing assessment	22.17	72.60	21.08	103.50
Inspection and grading fee	15.52	16.94	14.76	16.10
Interest ⁹	18.95	21.13	16.78	17.08
Other ¹⁰	3.49	3.74	19.92	21.23
Total, variable costs	1,789.45	1,884.68	2,313.77	2,440.83
Machinery and barn ownership costs:				
Capital replacement	280.76	289.72	265.75	273.31
Return to other nonland capital	96.04	98.78	108.70	109.81
Taxes and insurance	128.24	134.22	117.99	125.06
Total ownership costs	505.04	522.72	492.44	508.18
Other costs:				
General farm overhead	241.29	289.72	378.98	419.20
Land and quota charge ¹¹	893.43	977.26	1,238.43	1,362.54
Total excluding land and quota	2,535.78	2,697.12	3,185.19	3,368.21
Yield (lbs/per acre)	2,217	2,420	2,108	2,300

¹Includes operator, family, exchanged, and hired labor valued at prevailing hired wage rates.

²Includes rental values of housing, personal property, utilities, drinks, snacks, and field toilets.

³Includes custom costs if they could not be separated.

⁴Includes plant bed seed, fertilizer, pesticides, fumigants, and purchased plants.

⁵Includes insecticides, herbicides, fungicides, pesticides, and growth regulators. Also includes custom costs if they could not be separated.

⁶Includes tractors, machinery, and irrigation fuel and lubrication.

⁷Includes cost of LP gas, fuel oil, or diesel and electricity used to cure tobacco.

⁸Includes machinery, equipment, irrigation and barn repairs.

⁹Includes operating interest charged on all variable cost items except operator and family labor, marketing fees, no-net-cost assessment, and inspection and grading fees.

¹⁰Includes items such as sticks, twine, cover crop seed, and bailing supplies.

¹¹Weighted average of cash and share rents.

Milk Production Costs Rose an Average of 54 Cents per Hundredweight

In 1994, strong demand for milk and its products absorbed expansion in milk output and boosted milk prices slightly across the Nation. As a result, average 1994 milk receipts were up by 2 percent from 1993 in the Northeast, Southeast, and Corn Belt regions. Receipts were up by 1 percent in the upper Midwest and Pacific regions, while increasing by one-half percent in the Southern Plains. Receipts from sales of livestock were down across all six regions. Milk prices in 1994 may have stimulated an expansion in milk production and a decline in the exit of income-stressed producers, particularly in the upper Midwest. The total gross value of production (which includes milk and livestock sales receipts as well as other miscellaneous sources of income, such as renting or leasing dairy animals) rose by an average of 1 percent from 1993.

Total 1994 U.S. cash production costs averaged \$12.90 per hundredweight (cwt) of milk sold, up from \$12.36 in 1993. Higher concentrate costs were primarily responsible for the increase. Weather problems in major feed-producing States in 1993 led to considerably lower yields. Milk producers paid a higher price for available supplies of concentrates for much of 1994.

Cash production costs varied by region. The Southeast continued to see the highest costs, averaging \$14.31 per cwt of milk sold, while the Pacific again saw the

lowest costs, averaging \$11.30 per cwt of milk sold. However, only the upper Midwest saw a decline in total cash costs from 1993 to 1994, as expenses for hay and silage declined by 12 and 13 percent, respectively. New-crop forage in the first half of 1994 in the upper Midwest helped to overcome the effects of poor quality and smaller quantities of 1993 forage. Although 1994 concentrate expenses were up in the upper Midwest, total feed costs declined by more than 4 percent between 1993 and 1994.

The average 1-percent increase in the total value of production from 1993 to 1994 was not enough to improve the position of U.S. dairy producers' gross value of production less cash expenses. On a regional basis, however, lower feed costs in the upper Midwest helped to improve in the gross value of production less cash expenses by 10 cents per cwt of milk sold.

Residual returns to management and risk worsened across all regions in 1994, as total economic costs rose. Variable cash expenses (except in the upper Midwest), general farm overhead, taxes and insurance, capital replacement, operating capital, land, and unpaid labor costs increased enough to drive residual returns, largely negative in 1993, still lower in 1994. Even the Pacific region's positive residual returns of 97 cents per cwt of milk sold in 1993, dropped to a negative 13 cents per cwt of milk sold in 1994.

Figure 8-27

Net cash returns for milk, 1993-94

Net cash returns to dairy producers lower for nearly all production regions in 1994

Dollars/cwt sold

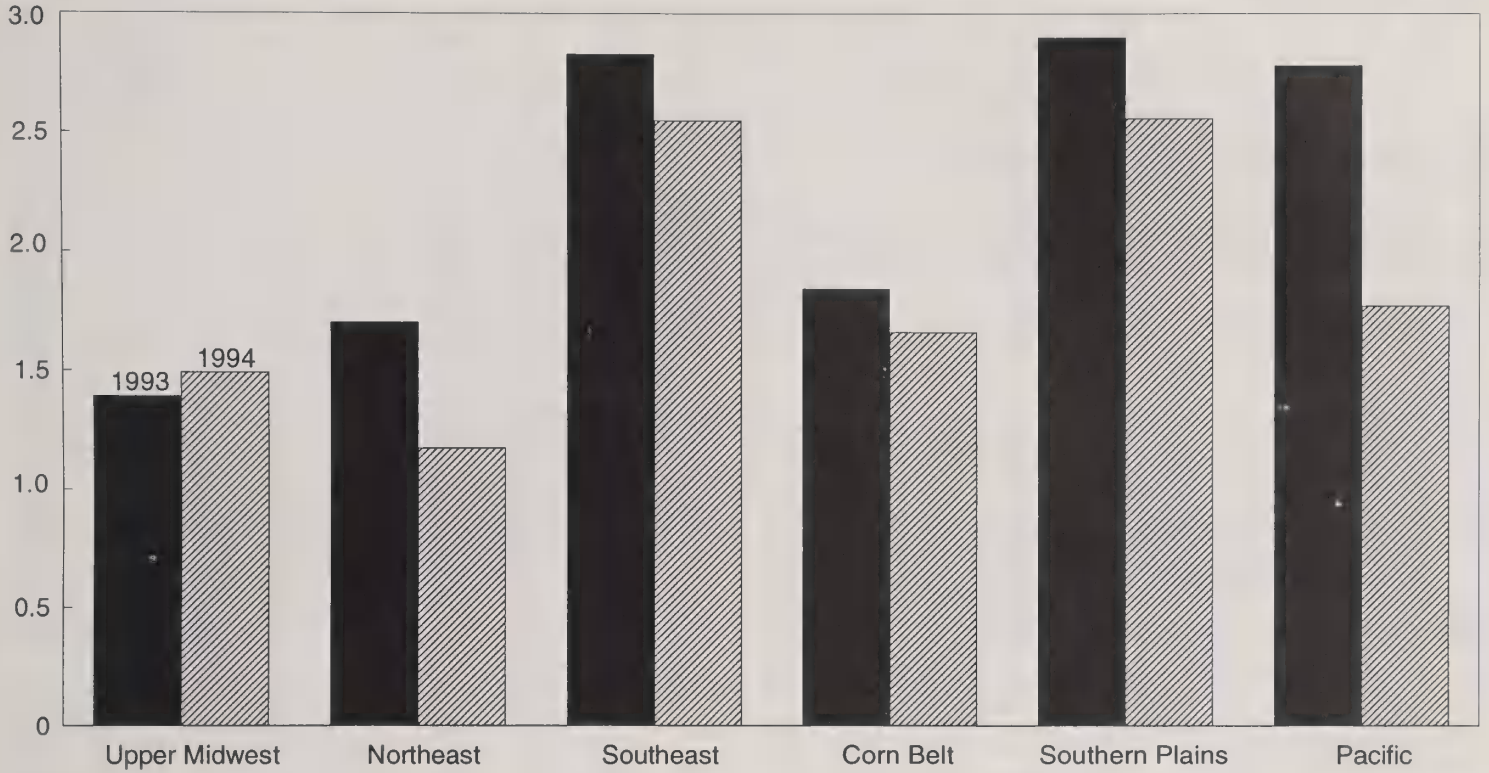
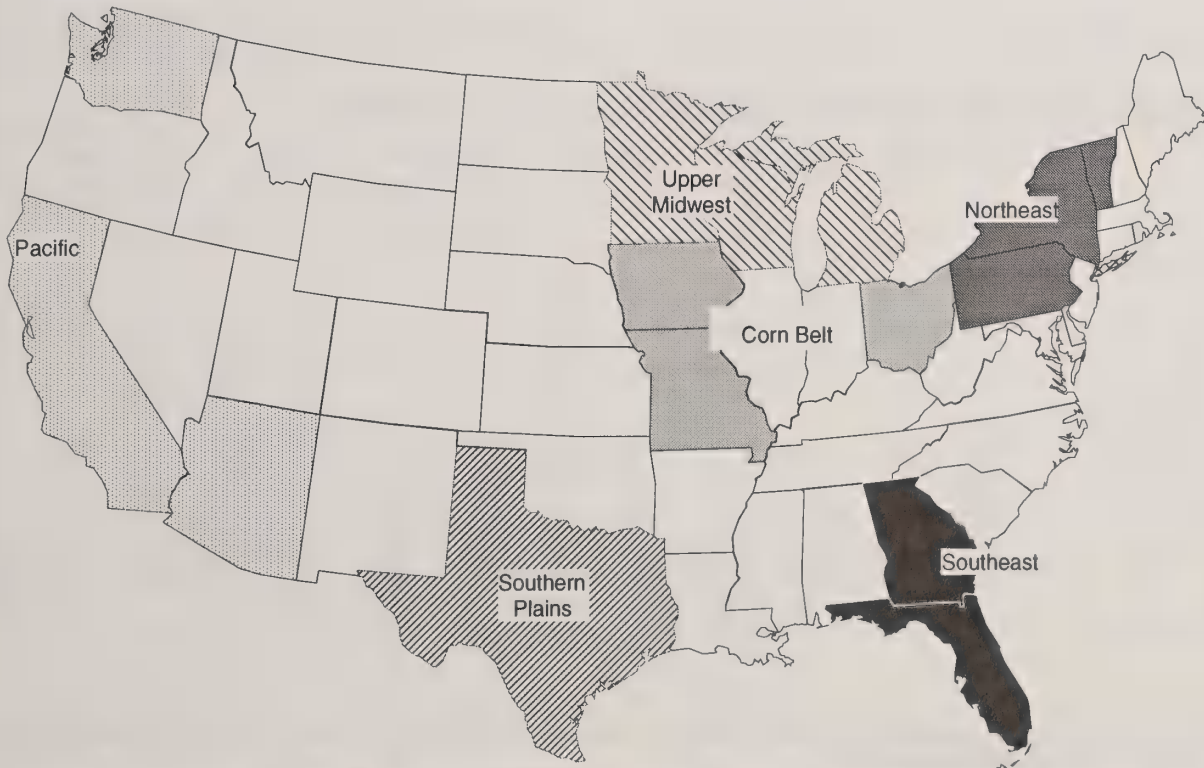


Figure 8-28

Milk production regions



Producers in the States shaded were surveyed in 1993 about production practices and costs of production. Production regions for each commodity are based on common cultural practices.

Table 8-13A—Milk production cash costs and returns per cwt, 1993-94

Item	United States		Northeast		Southeast		Upper Midwest		Corn Belt		Southern Plains		Pacific	
	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994
<i>Dollars per cwt</i>														
Gross value of production:														
Milk	12.78	12.99	13.34	13.64	14.98	15.31	12.89	13.04	12.88	13.19	13.30	13.37	11.74	11.84
Cattle	1.08	1.00	0.96	0.88	1.25	1.13	1.24	1.15	1.38	1.26	1.07	1.00	0.82	0.75
Other income ¹	0.49	0.51	0.39	0.40	0.41	0.42	0.60	0.64	0.42	0.44	0.32	0.34	0.49	0.48
Total, gross value of production	14.35	14.50	14.69	14.92	16.64	16.86	14.73	14.83	14.68	14.89	14.69	14.71	13.05	13.07
Cash expenses:														
Feed—														
Concentrates	3.58	3.69	3.52	3.56	5.56	5.54	3.68	3.77	3.84	4.00	5.05	5.19	2.84	2.97
Byproducts	0.21	0.21	0.04	0.04	0.47	0.45	0.11	0.11	0.22	0.24	0.19	0.18	0.43	0.43
Liquid whey	0.10	0.11	0.11	0.12	0.04	0.04	0.14	0.14	0.20	0.21	0.01	0.01	0.04	0.04
Hay	1.59	1.63	1.34	1.37	0.68	0.73	1.31	1.15	1.60	1.62	1.91	2.05	2.22	2.58
Silage	1.43	1.41	1.81	1.85	0.95	1.02	1.90	1.66	1.30	1.29	0.10	0.10	0.89	1.03
Pasture and other forage	0.11	0.12	0.02	0.02	0.07	0.07	0.11	0.10	0.14	0.15	0.10	0.11	0.17	0.21
Total feed costs	7.02	7.17	6.84	6.96	7.77	7.85	7.25	6.93	7.30	7.51	7.36	7.64	6.59	7.26
Other—														
Hauling	0.40	0.45	0.57	0.70	0.73	0.86	0.26	0.28	0.43	0.42	0.61	0.61	0.34	0.40
Artificial insemination	0.13	0.15	0.16	0.20	0.09	0.11	0.16	0.17	0.12	0.12	0.05	0.05	0.10	0.12
Veterinary and medicine	0.34	0.38	0.37	0.45	0.37	0.44	0.45	0.48	0.40	0.40	0.20	0.20	0.17	0.21
Bedding and litter	0.20	0.23	0.29	0.35	0.00	0.00	0.28	0.31	0.32	0.34	0.00	0.00	0.04	0.04
Marketing	0.33	0.37	0.38	0.46	0.40	0.47	0.26	0.28	0.30	0.30	0.27	0.28	0.39	0.46
Custom services and supplies	0.38	0.43	0.46	0.57	0.49	0.58	0.35	0.37	0.37	0.37	0.32	0.33	0.35	0.42
Fuel, lube, and electricity	0.50	0.49	0.65	0.63	0.34	0.32	0.59	0.57	0.55	0.52	0.47	0.45	0.27	0.27
Machinery and building repairs	0.71	0.76	0.89	0.92	0.57	0.58	0.96	1.02	0.82	0.88	0.40	0.42	0.28	0.29
Hired labor	0.69	0.67	0.66	0.64	1.50	1.40	0.65	0.65	0.66	0.67	0.87	0.83	0.60	0.59
DHIA fees	0.07	0.08	0.08	0.10	0.04	0.05	0.07	0.08	0.07	0.07	0.05	0.05	0.06	0.07
Dairy assessment	0.14	0.17	0.14	0.17	0.14	0.17	0.14	0.17	0.14	0.17	0.14	0.17	0.14	0.17
Total, variable cash expenses	10.91	11.35	11.49	12.15	12.44	12.83	11.42	11.31	11.48	11.77	10.74	11.03	9.33	10.30
General farm overhead	0.47	0.52	0.48	0.52	0.57	0.63	0.59	0.64	0.52	0.57	0.41	0.45	0.30	0.33
Taxes and insurance	0.26	0.29	0.35	0.40	0.29	0.33	0.34	0.38	0.24	0.27	0.13	0.15	0.10	0.12
Interest	0.72	0.74	0.67	0.68	0.51	0.52	0.99	1.01	0.60	0.62	0.51	0.52	0.54	0.55
Total, fixed cash expenses	1.45	1.55	1.50	1.60	1.37	1.48	1.92	2.03	1.36	1.46	1.05	1.12	0.94	1.00
Total, cash expenses	12.36	12.90	12.99	13.75	13.81	14.31	13.34	13.34	12.84	13.23	11.79	12.15	10.27	11.30
Gross value of production less cash expenses	1.99	1.60	1.70	1.17	2.83	2.55	1.39	1.49	1.84	1.66	2.90	2.56	2.78	1.77

Table 8-13B—Milk production economic costs and returns per cwt, 1993-94

Item	United States		Northeast		Southeast		Upper Midwest		Corn Belt		Southern Plains		Pacific	
	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994
<i>Dollars per cwt</i>														
Gross value of production:														
Milk	12.78	12.99	13.34	13.64	14.98	15.31	12.89	13.04	12.88	13.19	13.30	13.37	11.74	11.84
Cattle	1.08	1.00	0.96	0.88	1.25	1.13	1.24	1.15	1.38	1.26	1.07	1.00	0.82	0.75
Other income ¹	0.49	0.51	0.39	0.40	0.41	0.42	0.60	0.64	0.42	0.44	0.32	0.34	0.49	0.48
Total, gross value of production	14.35	14.50	14.69	14.92	16.64	16.86	14.73	14.83	14.68	14.89	14.69	14.71	13.05	13.07
Economic (full ownership) costs:														
Variable cash expenses	10.91	11.35	11.49	12.15	12.44	12.83	11.42	11.31	11.48	11.77	10.74	11.03	9.33	10.30
General farm overhead	0.47	0.52	0.48	0.52	0.57	0.63	0.59	0.64	0.52	0.57	0.41	0.45	0.30	0.33
Taxes and insurance	0.26	0.29	0.35	0.40	0.29	0.33	0.34	0.38	0.24	0.27	0.13	0.15	0.10	0.12
Capital replacement	1.94	2.03	1.98	2.05	2.42	2.44	2.26	2.39	2.05	2.15	2.07	2.14	1.36	1.39
Operating capital	0.06	0.09	0.06	0.10	0.06	0.10	0.06	0.08	0.06	0.09	0.06	0.09	0.05	0.08
Other nonland capital	0.86	0.92	0.84	0.89	1.52	1.58	0.98	1.07	0.87	0.93	0.88	0.94	0.61	0.64
Land	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.00	0.00	0.01	0.01
Unpaid labor	1.27	1.29	1.61	1.57	0.27	0.25	1.73	1.73	2.11	2.12	0.74	0.71	0.32	0.33
Total, economic costs	15.78	16.49	16.81	17.68	17.57	18.16	17.39	17.60	17.34	17.91	15.03	15.51	12.08	13.20
Residual returns to management and risk	-1.43	-1.99	-2.12	-2.76	-0.93	-1.30	-2.66	-2.77	-2.66	-3.02	-0.34	-0.80	0.97	-0.13

¹Includes the dairy's share of receipts from cooperative patronage dividends, assessment refunds, renting or leasing of dairy animals, the estimated value of manure as a fertilizer, and insurance indemnity payments.

Variable Cash Costs of Hog Production Rose in 1994, but Total Costs Fell

Despite higher feed grain prices during much of 1994, the average cash cost of U.S. hog production was down by 5 percent from 1993. Cash costs were reduced because lower hog prices in 1994 reduced the allocation of fixed cash costs to hogs. Market hog prices were in the mid- to upper-\$40-per-cwt range in 1993, but most often in the low \$40's during 1994 and fell into the \$30's and below as the year ended. Likewise, feeder pig prices averaged about \$20 per cwt lower in 1994 than in 1993. The total economic cost of hog production changed little between 1993 and 1994. However, lower hog and pig prices reduced the value of production and resulted in reduced returns for all types of hog producers.

Farrow-to-Finish

Returns to U.S. farrow-to-finish production in 1994 were down from 1993 because of lower hog prices. Total costs and returns of farrow-to-finish production in the North and South were similar in 1994, but their composition varied. Gross returns were higher for producers in the South because of a greater inventory change, suggesting a greater expansion of production. Feed costs were nearly \$3 per cwt gain lower in the North where feed grains are more abundant.

Farrow-to-Feeder Pig

Lower feeder pig prices in 1994 sent returns above cash costs down by about \$10 per cwt gain from 1993,

and returns above economic costs down by about \$15. Variable cash costs were nearly \$7 per cwt gain higher in 1994 for producers in the South than in the North. Much of the cost difference can be attributed to higher feed costs among southern producers. Total economic costs of feeder pig production were about \$15 per cwt gain higher in the South. Greater capital replacement costs, as well as variable cash costs, in the South caused the higher economic costs.

Feeder Pig-to-Finish

Despite lower cash and economic costs among U.S. hog-finishing operations, lower hog prices reduced returns. Unlike other types of producers, hog finishing operations in the South had lower production costs and higher returns than those in the North. Total cash and economic costs per cwt gain in 1994 were \$7-\$8 lower for producers in the South. Differences in feed costs and fixed costs accounted for much of the cost savings. During 1994, southern hog finishers were expanding production to a much greater extent than those in the North, as shown by the relative inventory change. Larger operations using contract production arrangements have come to characterize hog finishing in the South, and may account for their lower costs and expansion of production during 1994.

Figure 8-29

Hog costs and returns, 1994

Farrow-to-feeder pig producers have high costs, but net cash returns depend on pig prices

Dollars/cwt sold

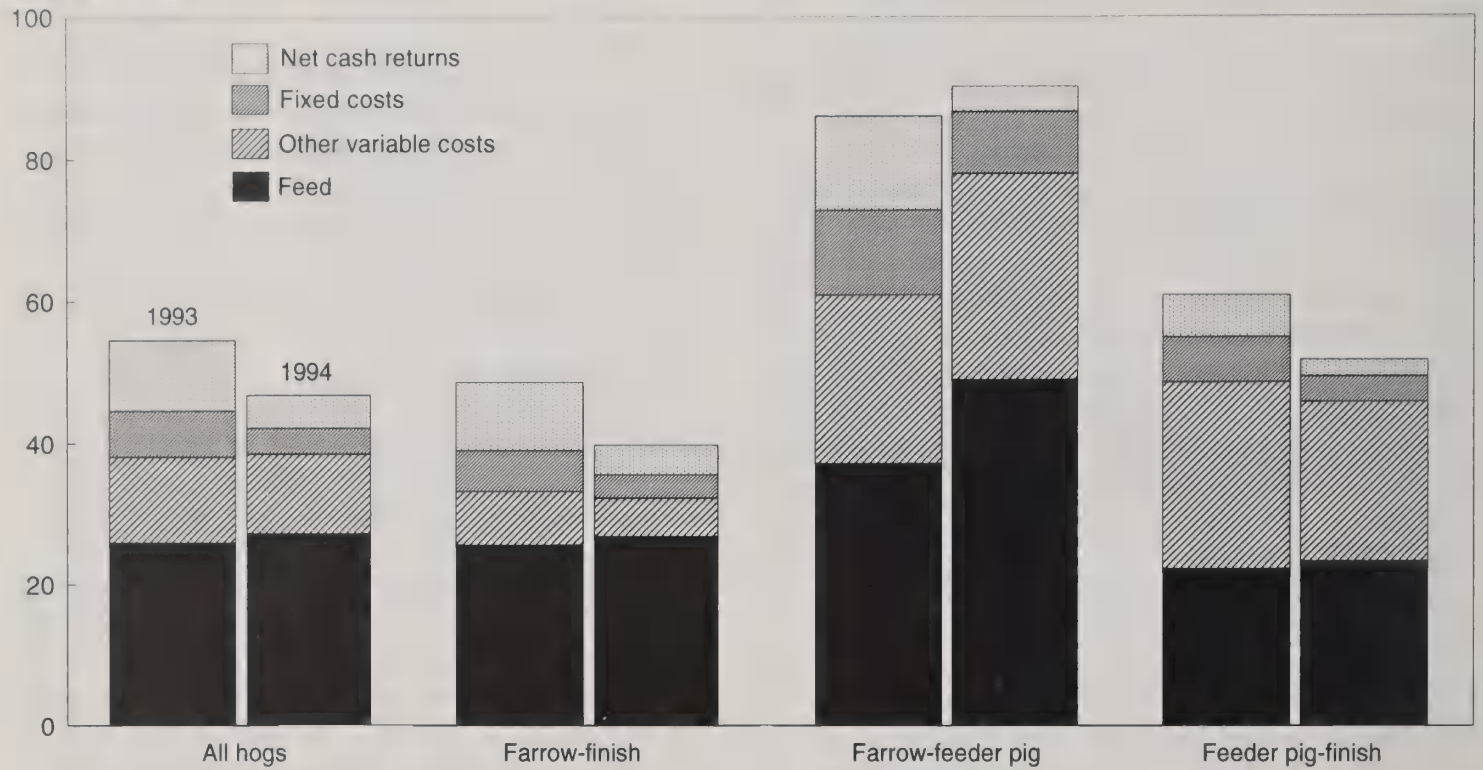
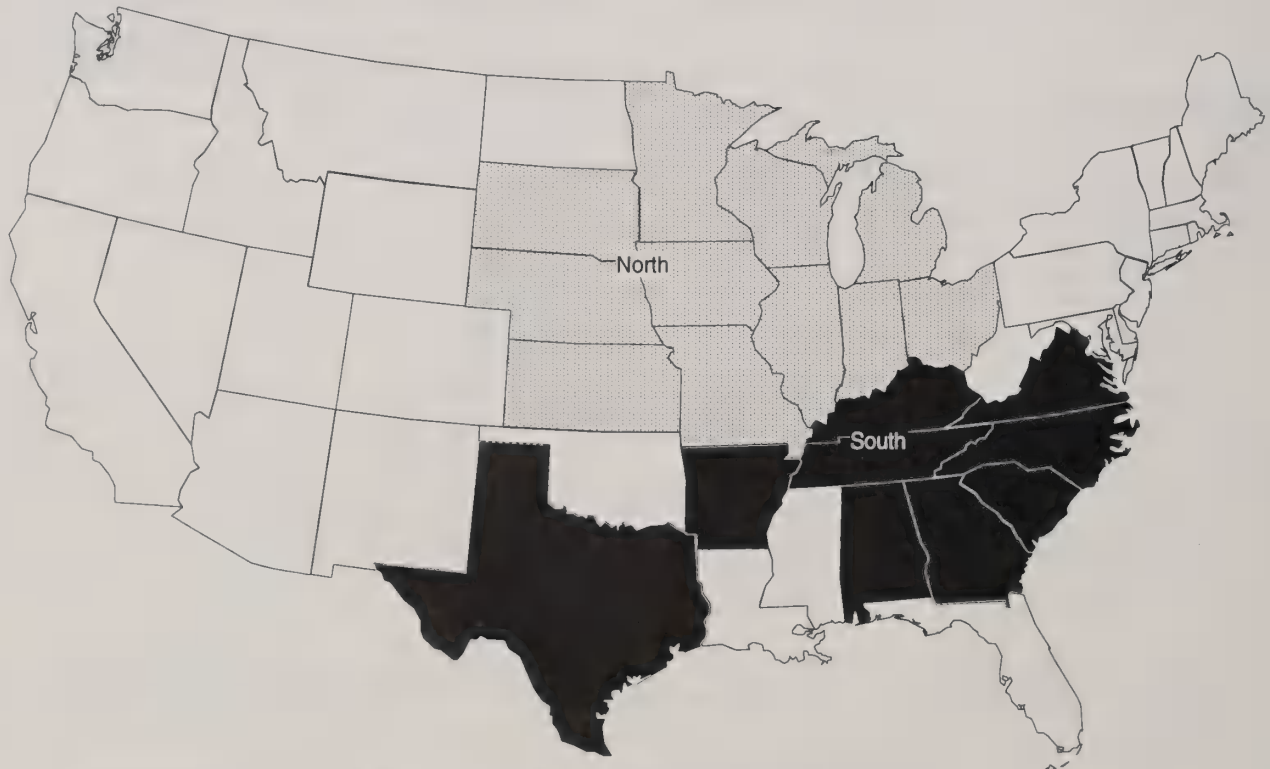


Figure 8-30

Hog production regions



Producers in the States shaded were surveyed in 1992 about production practices and costs of production.

Table 8-14A—Hog production cash costs and returns, 1993-94

Item	United States		North		South	
	1993	1994	1993	1994	1993	1994
<i>Dollars per cwt gain¹</i>						
Gross value of production:						
Market hogs	43.47	36.29	43.55	36.01	43.06	37.48
Feeder pigs	5.42	4.52	5.42	4.53	5.42	4.50
Cull stock	2.66	2.31	2.64	2.30	2.76	2.37
Breeding stock	2.40	2.11	2.52	2.27	1.82	1.45
Inventory change	-0.51	0.44	-0.80	0.09	0.91	1.96
Other income ²	1.09	1.13	1.15	1.20	0.80	0.84
Total, gross value of production	54.53	46.80	54.48	46.40	54.77	48.60
Cash expenses:						
Feed—						
Grain	10.72	11.54	10.89	11.80	9.91	10.43
Protein sources	9.39	9.35	9.87	9.86	7.16	7.19
Complete mixes	5.27	5.69	4.41	4.72	9.36	9.82
Other feed items ³	0.57	0.59	0.64	0.67	0.22	0.21
Total feed costs	25.95	27.17	25.81	27.05	26.65	27.65
Other—						
Feeder pigs	3.95	3.35	3.80	3.14	4.67	4.25
Veterinary and medicine	1.48	1.36	1.63	1.48	0.78	0.84
Bedding and litter	0.09	0.08	0.10	0.09	0.02	0.02
Marketing	0.59	0.56	0.57	0.53	0.68	0.71
Custom services and supplies	0.49	0.47	0.48	0.44	0.52	0.58
Fuel, lube, and electricity	1.70	1.56	1.70	1.54	1.68	1.60
Repairs	1.27	1.36	1.28	1.38	1.22	1.25
Hired labor	2.54	2.53	2.57	2.54	2.40	2.48
Total, variable cash expenses	38.06	38.44	37.94	38.19	38.62	39.38
General farm overhead	2.08	1.20	2.21	1.28	1.49	0.85
Taxes and insurance	1.12	0.71	1.14	0.73	1.03	0.65
Interest	3.25	1.75	3.47	1.89	2.21	1.19
Total, fixed cash expenses	6.45	3.66	6.82	3.90	4.73	2.69
Total, cash expenses	44.51	42.10	44.76	42.09	43.35	42.07
Gross value of production less cash expenses	10.02	4.70	9.72	4.31	11.42	6.53

Table 8-14B—Hog production economic costs and returns, 1993-94

Item	United States		North		South	
	1993	1994	1993	1994	1993	1994
<i>Dollars per cwt gain¹</i>						
Gross value of production:						
Market hogs	43.47	36.29	43.55	36.01	43.06	37.48
Feeder pigs	5.42	4.52	5.42	4.53	5.42	4.50
Cull stock	2.66	2.31	2.64	2.30	2.76	2.37
Breeding stock	2.40	2.11	2.52	2.27	1.82	1.45
Inventory change	-0.51	0.44	-0.80	0.09	0.91	1.96
Other income ²	1.09	1.13	1.15	1.20	0.80	0.84
Total, gross value of production	54.53	46.80	54.48	46.40	54.77	48.60
Economic (full ownership) costs:						
Variable cash expenses	38.06	38.44	37.94	38.19	38.62	39.38
General farm overhead	2.08	1.20	2.21	1.28	1.49	0.85
Taxes and insurance	1.12	0.71	1.14	0.73	1.03	0.65
Capital replacement	10.24	10.86	10.18	10.82	10.52	11.00
Operating capital	0.64	0.91	0.64	0.91	0.64	0.93
Other nonland capital	3.58	3.93	3.49	3.83	4.00	4.39
Land	0.24	0.24	0.26	0.26	0.16	0.15
Unpaid labor	4.86	4.80	4.98	4.93	4.31	4.25
Total, economic (full-ownership) costs	60.82	61.09	60.84	60.95	60.77	61.60
Residual returns to management and risk	-6.29	-14.29	-6.36	-14.55	-6.00	-13.00

¹Cwt gain = (cwt sold - cwt purchased) + cwt inventory change.

²Value of manure production.

³Milk replacer, milk, milk byproducts, antibiotics, and other medicated additives.

Table 8-15A—Farrow-to-finish production cash costs and returns, 1993-94

Item	United States		North		South	
	1993	1994	1993	1994	1993	1994
	<i>Dollars per cwt gain¹</i>					
Gross value of production:						
Market hogs	44.87	37.47	45.07	37.34	43.89	38.03
Feeder pigs	0.47	0.40	0.46	0.38	0.53	0.46
Cull stock	2.52	2.19	2.65	2.30	1.86	1.68
Breeding stock	0.21	0.18	0.19	0.16	0.31	0.28
Inventory change	-0.58	0.41	-0.85	0.08	0.73	1.85
Other income ²	1.13	1.18	1.19	1.25	0.85	0.89
Total, gross value of production	48.62	41.83	48.71	41.51	48.17	43.19
Cash expenses:						
Feed—						
Grain	11.08	11.98	10.94	11.84	11.78	12.59
Protein sources	10.15	10.15	10.36	10.34	9.14	9.30
Complete mixes	3.85	4.16	3.32	3.56	6.43	6.88
Other feed items ³	0.53	0.55	0.58	0.61	0.29	0.30
Total feed costs	25.61	26.84	25.20	26.35	27.64	29.07
Other—						
Feeder pigs	0.17	0.14	0.19	0.16	0.07	0.06
Veterinary and medicine	1.30	1.20	1.40	1.26	0.83	0.91
Bedding and litter	0.06	0.06	0.07	0.07	0.02	0.02
Marketing	0.49	0.46	0.48	0.44	0.53	0.55
Custom services and supplies	0.42	0.40	0.42	0.38	0.43	0.47
Fuel, lube, and electricity	1.60	1.48	1.58	1.44	1.71	1.65
Repairs	1.24	1.34	1.25	1.35	1.21	1.27
Hired labor	2.29	2.31	2.25	2.24	2.46	2.58
Total, variable cash expenses	33.18	34.23	32.84	33.69	34.90	36.58
General farm overhead	1.84	1.07	1.92	1.12	1.43	0.83
Taxes and insurance	1.02	0.65	1.03	0.66	0.93	0.58
Interest	2.91	1.57	3.11	1.69	1.93	1.03
Total, fixed cash expenses	5.77	3.29	6.06	3.47	4.29	2.44
Total, cash expenses	38.95	37.52	38.90	37.16	39.19	39.02
Gross value of production less cash expenses	9.67	4.31	9.81	4.35	8.98	4.17

Table 8-15B—Farrow-to-finish production economic costs and returns, 1993-94

Item	United States		North		South	
	1993	1994	1993	1994	1993	1994
	<i>Dollars per cwt gain¹</i>					
Gross value of production:						
Market hogs	44.87	37.47	45.07	37.34	43.89	38.03
Feeder pigs	0.47	0.40	0.46	0.38	0.53	0.46
Cull stock	2.52	2.19	2.65	2.30	1.86	1.68
Breeding stock	0.21	0.18	0.19	0.16	0.31	0.28
Inventory change	-0.58	0.41	-0.85	0.08	0.73	1.85
Other income ²	1.13	1.18	1.19	1.25	0.85	0.89
Total, gross value of production	48.62	41.83	48.71	41.51	48.17	43.19
Economic (full ownership) costs:						
Variable cash expenses	33.18	34.23	32.84	33.69	34.90	36.58
General farm overhead	1.84	1.07	1.92	1.12	1.43	0.83
Taxes and insurance	1.02	0.65	1.03	0.66	0.93	0.58
Capital replacement	9.92	10.54	9.94	10.58	9.84	10.38
Operating capital	0.57	0.81	0.57	0.80	0.58	0.87
Other nonland capital	3.48	3.84	3.44	3.78	3.69	4.08
Land	0.25	0.25	0.27	0.27	0.16	0.15
Unpaid labor	4.64	4.59	4.71	4.67	4.26	4.24
Total, economic (full-ownership) costs	54.90	55.98	54.72	55.57	55.79	57.71
Residual returns to management and risk	-6.28	-14.15	-6.01	-14.06	-7.62	-14.52

¹Cwt gain = (cwt sold - cwt purchased) + cwt inventory change.

²Value of manure production.

³Milk replacer, milk, milk byproducts, antibiotics, and other medicated additives.

Table 8-16A—Farrow-to-feeder pig production cash costs and returns, 1993-94

Item	United States		North		South	
	1993	1994	1993	1994	1993	1994
	<i>Dollars per cwt gain¹</i>					
Gross value of production:						
Market hogs	1.00	0.86	1.06	0.92	0.79	0.65
Feeder pigs	77.69	64.03	78.74	64.90	73.91	61.12
Cull stock	6.31	5.53	6.21	5.43	6.67	5.88
Breeding stock	0.12	0.11	0.14	0.12	0.08	0.07
Inventory change	-0.14	0.38	-0.37	0.24	0.66	0.83
Other income ²	1.17	1.23	1.20	1.26	1.07	1.14
Total, gross value of production	86.15	72.14	86.98	72.87	83.18	69.69
Cash expenses:						
Feed—						
Grain	13.04	13.82	14.92	16.02	6.29	6.45
Protein sources	9.46	9.53	10.70	10.89	5.01	4.98
Complete mixes	13.91	14.99	10.14	10.59	27.45	29.67
Other feed items ³	0.75	0.76	0.90	0.94	0.20	0.18
Total feed costs	37.16	39.10	36.66	38.44	38.95	41.28
Other—						
Feeder pigs	0.04	0.03	0.05	0.04	0.01	0.01
Veterinary and medicine	5.01	4.65	5.83	5.34	2.07	2.34
Bedding and litter	0.21	0.19	0.25	0.24	0.04	0.04
Marketing	2.66	2.60	2.36	2.19	3.71	3.97
Custom services and supplies	1.28	1.32	1.04	0.95	2.14	2.53
Fuel, lube, and electricity	5.02	4.61	5.11	4.60	4.71	4.66
Repairs	2.72	2.87	2.88	3.09	2.14	2.12
Hired labor	6.79	6.93	6.09	5.96	9.33	10.19
Total, variable cash expenses	60.89	62.30	60.27	60.85	63.10	67.14
General farm overhead	3.72	2.16	3.78	2.18	3.48	2.08
Taxes and insurance	2.30	1.47	2.18	1.38	2.71	1.77
Interest	6.06	3.35	5.83	3.14	6.85	4.04
Total, fixed cash expenses	12.08	6.98	11.79	6.70	13.04	7.89
Total, cash expenses	72.97	69.28	72.06	67.55	76.14	75.03
Gross value of production less cash expenses	13.18	2.86	14.92	5.32	7.04	-5.34

Table 8-16B—Farrow-to-feeder pig production economic costs and returns, 1993-94

Item	United States		North		South	
	1993	1994	1993	1994	1993	1994
	<i>Dollars per cwt gain¹</i>					
Gross value of production:						
Market hogs	1.00	0.86	1.06	0.92	0.79	0.65
Feeder pigs	77.69	64.03	78.74	64.90	73.91	61.12
Cull stock	6.31	5.53	6.21	5.43	6.67	5.88
Breeding stock	0.12	0.11	0.14	0.12	0.08	0.07
Inventory change	-0.14	0.38	-0.37	0.24	0.66	0.83
Other income ²	1.17	1.23	1.20	1.26	1.07	1.14
Total, gross value of production	86.15	72.14	86.98	72.87	83.18	69.69
Economic (full ownership) costs:						
Variable cash expenses	60.89	62.30	60.27	60.85	63.10	67.14
General farm overhead	3.72	2.16	3.78	2.18	3.48	2.08
Taxes and insurance	2.30	1.47	2.18	1.38	2.71	1.77
Capital replacement	22.66	24.13	21.53	22.73	26.70	28.80
Operating capital	1.01	1.47	1.01	1.44	1.01	1.57
Other nonland capital	7.32	8.10	6.89	7.53	8.85	9.98
Land	0.50	0.51	0.49	0.50	0.55	0.54
Unpaid labor	10.54	10.30	10.61	10.36	10.28	10.08
Total, economic (full-ownership) costs	108.94	110.44	106.76	106.97	116.68	121.96
Residual returns to management and risk	-22.79	-38.30	-19.78	-34.10	-33.50	-52.27

¹Cwt gain = (cwt sold - cwt purchased) + cwt inventory change.

²Value of manure production.

³Milk replacer, milk, milk byproducts, antibiotics, and other medicated additives.

Table 8-17A—Feeder pig-to-finish production cash costs and returns, 1993-94

Item	United States		North		South	
	1993	1994	1993	1994	1993	1994
	<i>Dollars per cwt gain¹</i>					
Gross value of production:						
Market hogs	60.08	49.87	61.06	50.07	56.94	49.33
Feeder pigs	0.05	0.05	0.06	0.05	0.05	0.05
Cull stock	0.02	0.02	0.01	0.01	0.04	0.04
Breeding stock	0.01	0.01	0.02	0.01	0.00	0.00
Inventory change	-0.18	0.75	-0.73	0.01	1.55	2.80
Other income ²	0.93	0.95	1.08	1.13	0.45	0.47
Total, gross value of production	60.91	51.65	61.50	51.28	59.03	52.69
Cash expenses:						
Feed—						
Grain	8.91	9.43	10.02	10.86	5.35	5.46
Protein sources	5.80	5.69	6.65	6.63	3.11	3.10
Complete mixes	7.18	7.76	5.63	6.12	12.15	12.29
Other feed items ³	0.35	0.36	0.44	0.46	0.08	0.07
Total feed costs	22.24	23.24	22.74	24.07	20.69	20.92
Other—						
Feeder pigs	21.84	18.26	22.39	18.49	20.07	17.63
Veterinary and medicine	0.81	0.73	0.98	0.89	0.29	0.30
Bedding and litter	0.13	0.11	0.17	0.15	0.00	0.00
Marketing	0.45	0.42	0.47	0.43	0.39	0.40
Custom services and supplies	0.39	0.38	0.38	0.34	0.44	0.49
Fuel, lube, and electricity	0.84	0.76	0.83	0.75	0.87	0.79
Repairs	0.86	0.90	0.92	1.00	0.66	0.64
Hired labor	0.93	0.89	1.07	1.06	0.49	0.43
Total, variable cash expenses	48.49	45.69	49.95	47.18	43.90	41.60
General farm overhead	1.78	1.02	1.95	1.14	1.24	0.71
Taxes and insurance	1.08	0.69	1.11	0.71	0.99	0.62
Interest	3.51	1.87	3.89	2.11	2.30	1.22
Total, fixed cash expenses	6.37	3.58	6.95	3.96	4.53	2.55
Total, cash expenses	54.86	49.27	56.90	51.14	48.43	44.15
Gross value of production less cash expenses	6.05	2.38	4.60	0.14	10.60	8.54

Table 8-17B—Feeder pig-to-finish production economic costs and returns, 1993-94

Item	United States		North		South	
	1993	1994	1993	1994	1993	1994
	<i>Dollars per cwt gain¹</i>					
Gross value of production:						
Market hogs	60.08	49.87	61.06	50.07	56.94	49.33
Feeder pigs	0.05	0.05	0.06	0.05	0.05	0.05
Cull stock	0.02	0.02	0.01	0.01	0.04	0.04
Breeding stock	0.01	0.01	0.02	0.01	0.00	0.00
Inventory change	-0.18	0.75	-0.73	0.01	1.55	2.80
Other income ²	0.93	0.95	1.08	1.13	0.45	0.47
Total, gross value of production	60.91	51.65	61.50	51.28	59.03	52.69
Economic (full ownership) costs:						
Variable cash expenses	48.49	45.69	49.95	47.18	43.90	41.60
General farm overhead	1.78	1.02	1.95	1.14	1.24	0.71
Taxes and insurance	1.08	0.69	1.11	0.71	0.99	0.62
Capital replacement	7.11	7.47	7.16	7.58	6.96	7.14
Operating capital	0.80	1.08	0.83	1.12	0.70	0.97
Other nonland capital	2.65	2.89	2.51	2.74	3.09	3.30
Land	0.12	0.11	0.13	0.13	0.07	0.07
Unpaid labor	4.32	4.22	4.77	4.70	2.89	2.88
Total, economic (full-ownership) costs	66.35	63.17	68.41	65.30	59.84	57.29
Residual returns to management and risk	-5.44	-11.52	-6.91	-14.02	-0.81	-4.60

¹Cwt gain = (cwt sold - cwt purchased) + cwt inventory change.

²Value of manure production.

³Milk replacer, milk, milk byproducts, antibiotics, and other medicated additives.

Cow-Calf Costs of Production Little Changed for 1994

Beef production was up nearly 4 percent in 1994 from 1993, but large beef and competing meat supplies pressured steer and retail beef prices. On the input cost side, feeder cattle prices were down by about 10 percent. Pasture and range conditions in most of the country were very favorable during the summer. Conditions in the Plains States and Eastern United States were well above the 1983-92 average, but drought plagued the West.

Production costs for cow-calf operations showed little change for 1994. Variable expenses were up by just

over \$1 per cow, as a minimal rise in feed costs was nearly offset by lower energy costs. Fixed expenses fell by just over \$4, resulting in a \$3-drop in total cash expenses. Adding in noncash expenses caused total economic costs to rise, but by only \$6 per cow. However, cattle and calf prices were down by nearly 10 percent, resulting in falling net returns.

While average U.S. net returns over cash costs were negative for 1994, the North Central region saw returns fall but remain positive.

Figure 8-31

Net cash returns from cow-calf production, 1993-94

Cow-calf net cash returns fell in each region in 1994

Dollars/bred cow

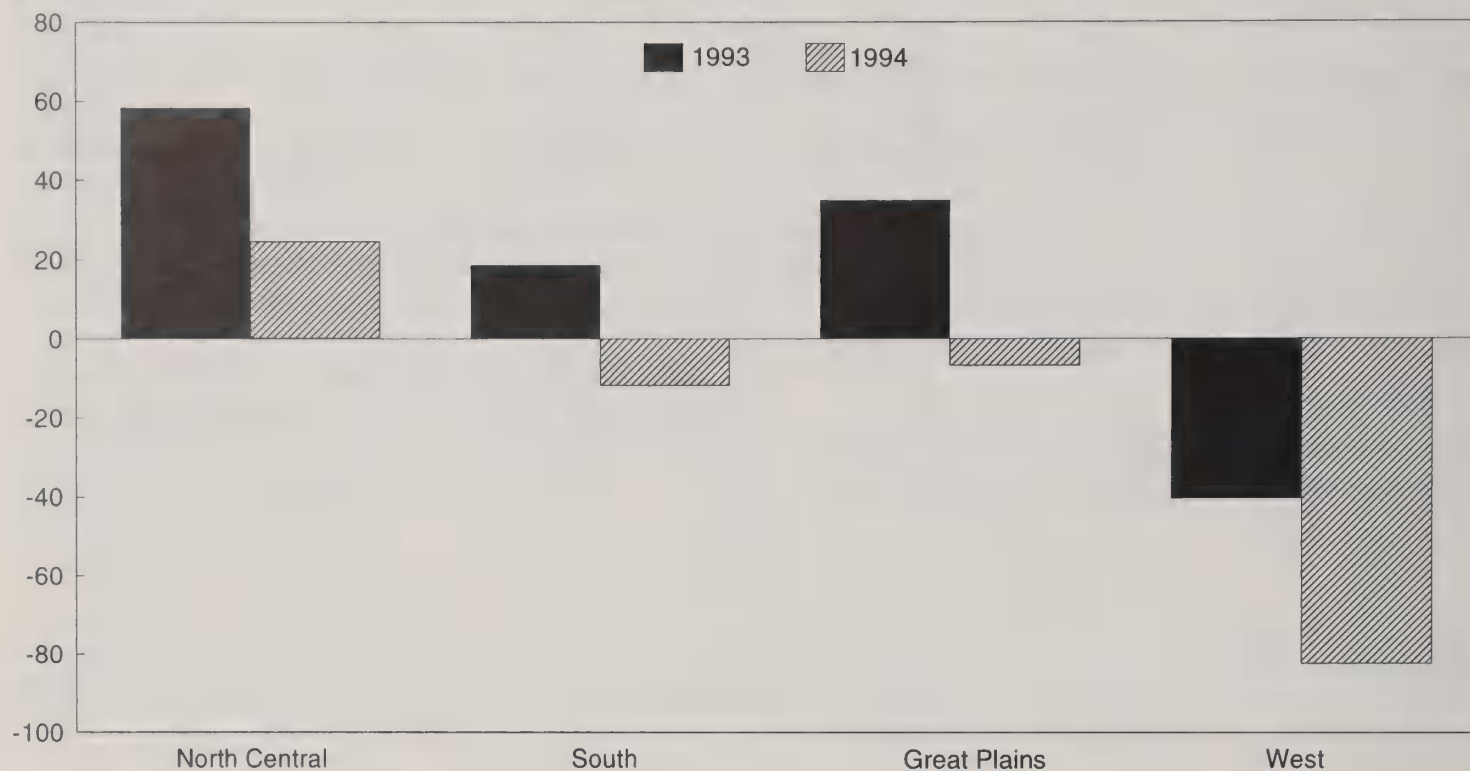
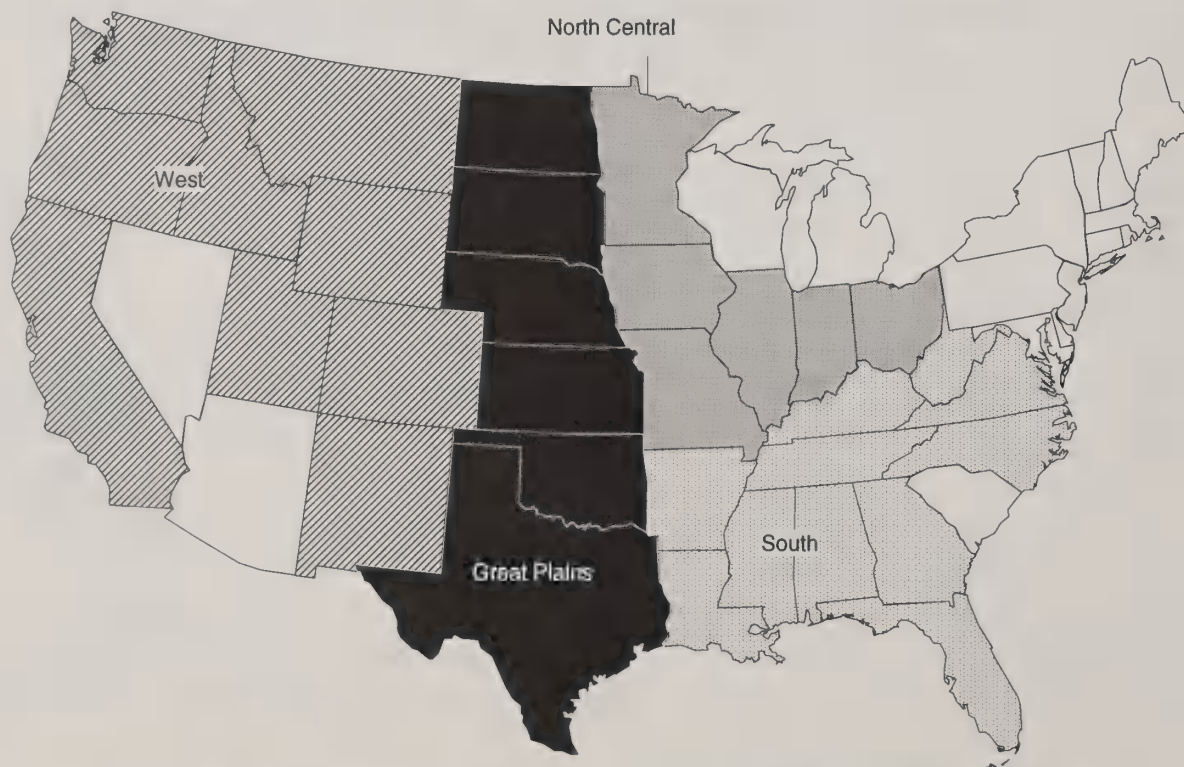


Figure 8-32

Cow-calf production regions



Producers in the States shaded were surveyed in 1990 about production practices and costs of production. Production regions for each commodity are based on common cultural practices.

Table 8-18A—Cow-calf production cash costs and returns, 1993-94

Item	United States		North Central		South		Great Plains		West	
	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994
<i>Dollars per bred cow</i>										
Gross value of production:										
Steer calves	61.45	55.57	59.02	56.29	82.61	74.60	57.21	51.80	51.11	44.89
Heifer calves	51.57	46.50	34.41	32.41	82.08	73.65	46.78	42.47	41.23	36.35
Yearling steers	133.28	120.34	132.12	118.55	94.23	82.41	140.58	127.92	155.93	141.71
Yearling heifers	72.88	66.06	87.32	78.50	36.47	32.66	88.67	80.41	71.85	65.19
Other cattle	111.00	100.74	91.61	79.33	72.29	65.53	129.86	119.70	123.59	110.20
Total, gross value of production	430.18	389.21	404.48	365.08	367.68	328.85	463.10	422.30	443.71	398.34
Cash expenses:										
Feeder cattle	14.87	13.28	2.65	2.28	21.35	18.14	16.95	15.40	11.84	10.84
Feed—										
Grain	8.19	6.93	11.84	9.99	6.26	5.74	9.79	7.63	5.47	5.32
Protein supplements	24.82	25.83	21.11	22.10	19.30	19.76	31.94	32.54	19.90	21.70
Byproducts	7.57	7.61	5.00	4.87	14.53	14.41	7.10	7.22	3.56	3.64
Harvested forages	77.25	79.94	70.61	70.22	47.26	47.60	85.47	88.93	93.22	97.89
Pasture	86.17	86.77	45.02	46.60	53.84	50.92	89.66	93.56	128.77	126.25
Total feed costs	204.00	207.08	153.58	153.78	141.19	138.43	223.96	229.88	250.92	254.80
Other—										
Veterinary and medicine	17.58	18.32	27.81	28.95	13.35	13.81	17.33	18.10	16.67	17.48
Livestock hauling	4.12	4.32	1.52	1.61	6.27	6.59	2.95	3.10	5.44	5.71
Marketing	4.12	4.30	3.66	3.88	4.60	4.77	4.42	4.62	3.42	3.58
Custom feed mixing	0.20	0.22	0.04	0.04	0.13	0.14	0.28	0.30	0.22	0.24
Fuel, lube	21.29	18.43	26.29	22.26	21.46	18.52	22.86	19.69	16.16	14.38
Machinery and building repairs	27.82	28.79	36.56	36.90	27.43	28.43	29.72	30.91	20.81	21.60
Hired labor	29.19	29.62	11.51	10.99	34.65	36.03	26.10	26.92	38.11	37.59
Other variable cash expenses	5.42	5.55	4.96	4.96	6.60	6.77	5.87	6.02	3.87	3.97
Total, variable cash expenses	328.61	329.91	268.58	265.65	277.03	271.63	350.44	354.94	367.46	370.19
General farm overhead	37.60	36.49	30.86	29.81	35.43	34.50	37.57	36.37	42.85	41.68
Taxes and insurance	15.56	15.60	13.40	13.83	17.51	17.26	12.30	12.47	20.21	20.25
Interest	33.13	30.07	33.30	31.18	19.26	17.26	27.84	25.29	53.68	48.76
Total, fixed cash expenses	86.29	82.16	77.56	74.82	72.20	69.02	77.71	74.13	116.74	110.69
Total, cash expenses	414.90	412.07	346.14	340.47	349.23	340.65	428.15	429.07	484.20	480.88
Gross value of production less cash expenses	15.28	-22.86	58.34	24.61	18.45	-11.80	34.95	-6.77	-40.49	-82.54

Table 8-18B—Cow-calf production economic costs and returns, 1993-94

Item	United States		North Central		South		Great Plains		West	
	1993	1994	1993	1994	1993	1994	1993	1994	1993	1994
<i>Dollars per bred cow</i>										
Gross value of production:										
Steer calves	61.45	55.57	59.02	56.29	82.61	74.60	57.21	51.80	51.11	44.89
Heifer calves	51.57	46.50	34.41	32.41	82.08	73.65	46.78	42.47	41.23	36.35
Yearling steers	133.28	120.34	132.12	118.55	94.23	82.41	140.58	127.92	155.93	141.71
Yearling heifers	72.88	66.06	87.32	78.50	36.47	32.66	88.67	80.41	71.85	65.19
Other cattle	111.00	100.74	91.61	79.33	72.29	65.53	129.86	119.70	123.59	110.20
Total, gross value of production	430.18	389.21	404.48	365.08	367.68	328.85	463.10	422.30	443.71	398.34
Economic (full ownership) costs:										
Variable cash expenses	328.61	329.91	268.58	265.65	277.03	271.63	350.44	354.94	367.46	370.19
General farm overhead	37.60	36.49	30.86	29.81	35.43	34.50	37.57	36.37	42.85	41.68
Taxes and insurance	15.56	15.60	13.40	13.83	17.51	17.26	12.30	12.47	20.21	20.25
Capital replacement	84.22	83.99	96.04	94.44	79.43	79.72	84.40	84.41	82.30	81.93
Operating capital	7.69	11.53	6.29	9.28	6.48	9.49	8.20	12.41	8.60	12.94
Other nonland capital	35.49	36.77	45.41	46.28	33.67	35.18	35.20	36.63	32.66	33.79
Land	0.04	0.04	0.12	0.12	0.05	0.06	0.02	0.02	0.02	0.02
Unpaid labor	89.25	89.99	128.56	126.63	93.41	96.81	82.48	83.79	77.33	76.61
Total, economic costs	598.46	604.32	589.26	586.04	543.01	544.65	610.61	621.04	631.43	637.41
Residual returns to management and risk	-168.28	-215.11	-184.78	-220.96	-175.33	-215.80	-147.51	-198.74	-187.72	-239.07

Appendix
Cash Receipts by State

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
United States					
All commodities	169,448,736	167,750,608	171,257,691	177,137,366	179,668,692
Livestock and products	89,193,121	85,749,962	85,595,729	90,035,540	88,107,122
Meat animals	51,241,678	50,132,087	47,748,981	50,817,723	46,810,553
Cattle and calves	39,301,814	38,696,618	37,272,292	39,361,709	36,444,822
Hogs	11,525,452	11,036,132	10,016,503	10,910,817	9,859,030
Sheep and lambs	414,412	399,337	460,186	545,197	506,701
Dairy products	20,152,604	18,006,612	19,742,352	19,244,251	19,933,724
Milk, retail	259,690	253,954	286,194	264,859	312,889
Milk, wholesale	19,892,914	17,752,658	19,456,158	18,979,392	19,620,835
Poultry/eggs	15,262,191	15,128,576	15,502,530	17,300,279	18,443,401
Broilers	8,365,470	8,383,046	9,176,537	10,415,863	11,370,211
Farm chickens	90,314	67,277	82,842	96,435	77,380
Chicken eggs	4,009,506	3,901,645	3,384,558	3,779,430	3,776,767
Turkeys	2,393,375	2,352,987	2,396,364	2,509,127	2,671,736
Ducks	7,952	7,920	8,736	8,493	8,874
Other poultry	395,574	415,701	453,493	490,931	538,433
Miscellaneous livestock	2,536,648	2,482,687	2,601,866	2,673,287	2,919,444
Honey	108,174	124,137	122,741	125,141	113,836
Horses/mules	490,000	466,000	433,000	441,000	489,000
Mohair	15,117	20,812	13,389	12,066	32,247
Wool	69,315	47,124	60,181	39,071	52,445
Aquaculture	540,606	495,142	572,119	629,732	656,915
Other livestock	1,311,981	1,329,472	1,400,436	1,426,277	1,575,001
Crops	80,255,615	82,000,646	85,661,962	87,101,826	91,561,570
Food grains	7,479,840	7,325,424	8,467,473	8,179,932	9,468,539
Rice	1,052,069	1,027,242	1,255,836	698,550	1,654,134
Rye	15,492	15,286	17,572	17,077	20,056
Wheat	6,412,279	6,282,896	7,194,065	7,464,305	7,794,349
Feed crops	18,669,151	19,327,106	20,060,078	20,161,409	20,574,459
Barley	822,623	811,157	814,534	655,481	677,930
Corn	13,347,671	14,436,687	14,665,455	14,606,523	15,030,753
Hay	3,270,829	2,774,326	3,084,122	3,520,917	3,579,139
Oats	220,947	139,715	176,489	142,838	133,923
Sorghum grain	1,002,165	1,158,423	1,314,428	1,225,350	1,141,814
Silage	4,916	6,798	5,050	10,300	10,900
Cotton	5,488,395	5,236,401	5,192,067	5,248,693	5,729,594
Cotton lint, all	4,883,288	4,800,617	4,673,466	4,654,785	5,088,058
Cottonseed	605,107	435,784	518,601	593,908	641,536
Tobacco	2,733,496	2,881,115	2,961,793	2,948,542	2,646,047
Oil crops	12,258,171	12,700,163	13,285,937	13,219,181	15,216,322
Flaxseed	18,514	19,217	14,905	13,130	14,940
Peanuts	1,258,007	1,392,282	1,285,671	1,031,829	1,230,744
Soybeans	10,756,268	10,966,441	11,619,434	11,780,613	13,404,012
Sunflower	216,851	266,593	304,213	297,704	446,265
Sesame	635	306	306	300	350
Vegetables	11,424,361	11,536,981	11,823,750	13,143,761	13,032,851
Beans, dry	692,293	513,917	488,875	518,636	567,760
Peas, dry	44,328	43,991	30,061	36,999	30,381
Lentils (beans)	20,300	26,068	28,814	30,090	24,870
Potatoes	2,447,539	2,140,352	1,976,815	2,326,224	2,529,383
Sweetpotatoes	137,415	131,893	156,463	162,084	189,064
Taro	2,262	2,795	3,002	2,760	2,806
Ginger root	NA	NA	6,380	5,247	5,220
Artichokes	NA	NA	43,447	45,762	58,551
Asparagus	147,635	150,185	173,015	167,645	178,512
Beans, green lima	NA	NA	21,004	22,629	31,973

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Beans, snap	197,973	198,209	252,631	270,554	285,215
Beets	2,219	1,642	5,879	7,065	8,133
Broccoli	268,220	242,155	284,423	277,663	336,178
Brussels sprouts	NA	NA	17,104	24,761	23,575
Cabbage	124,127	129,082	216,973	286,931	245,048
Carrots	280,522	318,665	352,733	295,863	310,461
Cauliflower	187,991	184,756	193,937	201,381	187,060
Celery	214,708	205,689	258,662	319,216	225,525
Corn, sweet	475,516	505,297	480,159	532,325	630,513
Cucumbers	230,840	230,136	295,186	303,848	286,494
Eggplant, all	15,725	16,243	20,650	17,721	20,886
Escarole	10,913	13,141	11,148	13,502	11,177
Garlic	NA	NA	102,854	132,470	205,172
Kale/collards	NA	NA	NA	NA	3,455
Lettuce	844,142	817,667	1,171,977	1,469,171	1,110,892
Onions	485,669	564,005	532,954	917,536	633,205
Peas, green	131,494	128,140	135,954	88,146	124,528
Peppers, green	150,182	206,658	386,153	437,480	467,682
Peppers, chili	67,966	59,219	67,379	56,077	55,868
Spinach	11,604	10,482	67,948	81,717	73,011
Tomatoes	1,627,414	1,802,383	1,906,363	1,708,323	1,683,221
Radishes	28,497	35,269	21,578	36,961	25,888
Squash	36,598	60,453	56,294	49,488	53,218
Miscellaneous vegetables	2,140,114	2,465,417	1,518,665	1,670,273	1,774,373
Cantaloups	194,848	99,528	251,059	296,661	307,935
Honeydews	81,218	68,895	63,811	68,888	69,851
Watermelons	124,089	164,649	223,400	261,664	255,767
Fruits and nuts	9,417,581	9,927,691	10,174,875	10,260,365	10,146,024
Grapefruit	354,767	423,287	373,144	322,085	310,321
Lemons	305,872	279,800	238,687	282,997	264,150
Limes	28,286	26,901	11,213	3,151	2,092
Oranges	1,721,314	1,423,334	1,473,555	1,513,678	1,580,428
Tangelos	23,266	24,088	14,994	14,428	20,087
Tangerines	71,313	85,597	99,313	89,425	75,488
Apples	1,079,564	1,646,215	1,588,964	1,366,009	1,321,169
Apricots	40,937	37,356	37,838	38,694	51,322
Avocados	245,005	204,141	205,176	139,592	261,659
Cherries	156,162	228,835	233,391	224,542	247,215
Dates	21,360	21,230	22,037	22,756	18,609
Figs	17,273	16,626	18,985	24,341	20,592
Grapes	1,676,836	1,736,063	1,846,216	2,001,669	1,853,759
Nectarines	109,999	86,457	73,710	102,421	68,168
Olives	64,059	36,335	90,585	56,974	38,893
Peaches	374,167	396,109	379,749	398,852	312,867
Pears	260,863	271,577	275,242	247,439	226,809
Pineapples	106,365	107,775	102,100	79,850	78,890
Plums and prunes	295,334	256,412	254,126	261,545	249,511
Coffee	7,290	6,210	4,080	6,525	11,270
Bananas	4,294	4,674	4,920	4,446	5,069
Papayas	14,805	16,228	14,415	13,673	13,831
Kiwifruit	14,110	21,976	13,833	16,502	18,413
Mangos	4,725	6,150	4,280	950	1,500
Guavas	NA	2,044	1,896	2,171	2,549
Cranberries	156,455	206,616	214,767	196,820	225,979
Strawberries	589,588	631,458	698,004	670,706	823,589
Blueberries	68,212	66,209	128,616	111,331	108,906
Raspberries	20,689	28,607	85,715	83,335	92,968
Other berries	150,559	163,340	82,829	83,251	83,935
Almonds	597,990	564,179	691,340	911,430	894,250
Filberts	17,011	18,519	15,304	25,963	16,830
Pecans	247,677	307,016	240,797	213,964	199,636
Walnuts	236,080	279,720	286,230	361,400	316,920
Macadamia nuts	41,000	34,650	32,640	32,980	35,535

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Pistachios	122,400	96,250	151,410	162,640	118,802
Miscellaneous fruits and nuts	155,447	146,147	138,214	155,489	153,781
All other crops	12,784,620	13,065,765	13,695,989	13,939,943	14,747,734
Maple products	20,628	24,626	39,125	23,493	30,870
Sugar beets	1,178,231	1,084,281	1,205,421	1,020,573	1,242,326
Cane for sugar	820,077	867,879	876,834	868,035	882,272
Alfalfa	77,615	72,600	50,003	41,725	41,644
Bentgrass	16,712	17,057	12,062	10,074	9,552
Bluegrass-Kentucky	20,866	19,053	22,316	28,191	24,151
Crimson clover	3,896	3,814	4,104	2,323	2,477
Fescue	64,713	64,518	43,309	46,212	38,038
Orchardgrass	7,975	6,901	8,865	9,593	11,887
Red clover	5,617	5,146	7,088	4,904	3,660
Ryegrass	90,333	86,989	92,025	105,201	133,898
Sorghum Sudan crosses	5,000	6,000	4,000	3,000	5,000
Other seeds	216,064	237,937	269,705	238,106	247,424
Hops	84,178	115,997	129,445	133,965	134,701
Mint	134,809	130,542	141,368	113,627	135,572
Other field crops	584,161	482,077	503,271	529,763	616,632
Christmas trees	110,157	126,600	314,894	397,073	422,693
Greenhouse/nursery	8,676,784	9,052,516	9,303,710	9,662,736	10,043,984
Mushrooms	666,804	661,232	668,444	701,349	720,953
Alabama					
All commodities	2,765,459	2,866,998	2,727,271	2,857,094	2,904,463
Livestock and products	2,129,728	2,089,114	1,962,655	2,129,063	2,159,403
Meat animals	650,869	630,791	476,767	429,648	376,824
Cattle and calves	554,775	536,333	395,283	345,904	311,632
Hogs	96,094	94,259	81,272	83,483	64,989
Dairy products	81,090	69,795	72,500	72,562	72,912
Milk, wholesale	81,090	69,795	72,500	72,562	72,912
Poultry/eggs	1,341,187	1,328,623	1,368,509	1,577,222	1,658,097
Broilers	1,165,334	1,147,956	1,194,901	1,349,766	1,443,549
Farm chickens	4,689	2,822	2,570	8,611	7,193
Chicken eggs	170,414	177,045	170,188	217,845	205,355
Other poultry	750	800	850	1,000	2,000
Miscellaneous livestock	56,582	59,905	44,879	49,631	51,570
Aquaculture	30,954	29,539	32,247	40,087	41,058
All other livestock	25,000	30,000	12,000	9,000	10,000
Crops	635,731	777,884	764,616	728,031	745,060
Food grains	19,059	7,591	12,958	9,806	13,393
Wheat	19,059	7,591	12,958	9,806	13,393
Feed crops	34,689	43,191	58,011	50,161	59,353
Corn	17,925	25,941	38,690	28,540	35,163
Hay	15,056	15,990	16,990	18,990	20,955
Sorghum grain	1,238	943	1,209	1,741	1,762
Cotton	136,788	156,291	174,638	164,858	193,441
Cotton lint, all	125,385	146,898	160,111	151,591	175,529
Cottonseed	11,403	9,393	14,527	13,267	17,912
Tobacco	1,359	1,109	1,282	1,305	968
Oil crops	155,321	232,490	221,700	191,152	193,677
Peanuts	104,758	187,715	180,310	145,752	144,129
Soybeans	50,563	44,674	41,204	45,020	48,737

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Vegetables	81,098	91,894	72,970	79,249	84,478
Potatoes	18,316	11,140	10,816	10,331	20,024
Spring	9,672	3,000	4,432	4,862	5,387
Summer	8,644	8,140	6,384	5,469	14,637
Sweetpotatoes	7,357	8,034	9,257	9,675	11,419
Corn, sweet	3,333	3,226	2,682	1,980	3,060
Tomatoes	11,088	13,200	6,495	14,595	8,870
Miscellaneous vegetables	40,000	55,000	40,000	35,000	36,000
Watermelons	NA	NA	1,635	5,506	2,736
Fruits and nuts	15,416	28,358	16,644	26,114	15,667
Peaches	2,856	3,408	3,756	4,277	3,760
Other berries	3,000	4,000	3,000	3,600	3,200
Pecans	4,560	15,450	4,780	10,890	3,160
Miscellaneous fruits and nuts	5,000	5,500	4,800	7,300	5,300
All other crops	192,001	216,960	206,413	205,386	184,083
Other seeds	3,000	2,500	2,200	1,200	1,600
Other field crops	3,500	3,300	3,300	3,200	3,800
Greenhouse/nursery	185,501	211,160	200,913	200,986	178,683
Floriculture	35,501	51,160	50,913	55,986	48,683
Ornamentals, other	150,000	160,000	150,000	145,000	130,000
Alaska					
All commodities	26,666	26,578	25,725	26,763	27,716
Livestock and products	7,467	6,386	6,046	5,929	6,031
Meat animals	1,137	715	941	832	901
Dairy products	3,254	2,582	2,391	2,318	2,465
Milk, retail	67	65	65	65	70
Milk, wholesale	3,187	2,517	2,326	2,253	2,395
Poultry/eggs	94	85	75	80	73
Farm chickens	33	25	25	26	21
Chicken eggs	53	52	42	45	43
Other poultry	8	8	8	9	9
Miscellaneous livestock	2,982	3,004	2,639	2,699	2,592
Other livestock	2,963	2,988	2,633	2,692	2,582
Crops	19,199	20,192	19,679	20,834	21,685
Feed crops	1,708	2,472	1,903	2,386	2,828
Barley	264	643	362	419	509
Hay	1,394	1,715	1,523	1,869	2,214
Oats	50	114	18	98	105
Vegetables	2,790	2,476	2,573	3,102	2,738
Potatoes, fall	1,910	1,593	1,653	2,022	1,683
Miscellaneous vegetables	880	883	920	1,080	1,055
All other crops	14,701	15,244	15,203	15,346	16,119
Other field crops	131	164	143	266	286
Greenhouse/nursery	14,570	15,080	15,060	15,080	15,833
Arizona					
All commodities	1,929,586	1,821,326	1,808,335	1,945,902	1,868,642
Livestock and products	815,754	788,688	896,498	918,321	824,021
Meat animals	529,502	548,368	612,436	624,308	499,199
Cattle and calves	499,831	519,153	583,514	591,201	467,599
Hogs	19,738	20,960	19,253	22,591	22,140
Sheep and lambs	9,933	8,255	9,669	10,516	9,460

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
			<i>1,000 dollars</i>		
Dairy products	230,535	207,644	236,607	244,970	278,506
Milk, wholesale	230,535	207,644	236,607	244,970	278,506
Poultry/eggs	4,971	4,513	3,758	3,952	3,561
Chicken eggs	3,711	3,967	3,520	3,711	3,314
Other poultry	1,220	529	224	230	232
Miscellaneous livestock	50,746	28,163	43,697	45,091	42,755
Honey	1,576	1,988	2,079	2,202	1,414
Other livestock	47,985	25,353	40,590	42,257	40,676
Crops	1,113,832	1,032,638	911,837	1,027,581	1,044,621
Food grains	33,932	21,161	29,730	28,156	44,377
Wheat	33,932	21,161	29,730	28,156	44,377
Feed crops	126,179	73,579	47,210	74,526	89,224
Barley	3,442	4,253	3,915	4,607	5,276
Corn	2,785	2,246	1,437	4,460	4,728
Hay	114,843	59,952	34,168	50,959	64,810
Sorghum grain	193	330	2,640	4,200	3,510
Silage	4,916	6,798	5,050	10,300	10,900
Corn silage	4,536	6,048	3,250	8,500	9,100
Sorghum silage	380	750	1,800	1,800	1,800
Cotton	457,631	382,414	297,434	286,947	307,200
Cotton lint, all	415,394	353,774	268,359	253,591	272,841
Upland	252,834	269,151	207,255	196,150	232,784
Long staple	162,560	84,623	61,104	57,441	40,057
Cottonseed	42,237	28,640	29,075	33,356	34,359
Oil crops	9,089	6,239	6,041	5,952	7,258
Peanuts	558	241	342	925	750
Sesame	635	306	306	300	350
Jojoba	7,875	5,625	4,500	1,200	1,800
Vegetables	244,638	319,256	312,966	425,915	365,818
Potatoes	14,901	17,996	10,912	11,963	12,275
Broccoli	10,977	15,079	14,770	21,503	21,817
Carrots	1,897	1,984	3,262	2,689	3,604
Cauliflower	15,926	22,548	19,558	20,930	20,748
Lettuce	99,590	149,216	172,422	260,548	183,719
Head	89,551	133,200	128,204	188,107	144,270
Other	10,039	16,016	6,654	4,378	6,200
Romaine	NA	NA	10,295	24,404	12,710
Leaf	NA	NA	27,269	43,659	20,539
Onions	5,006	3,797	4,418	10,342	5,308
Miscellaneous vegetables	46,378	53,496	34,327	25,735	43,275
Cantaloups	26,848	33,700	38,254	48,838	51,322
Honeydews	10,037	8,931	5,005	6,912	9,914
Watermelons	12,151	11,844	8,678	14,835	11,805
Fruits and nuts	159,189	143,336	146,458	128,026	147,233
Grapefruit	20,538	16,273	15,834	6,195	4,149
Fresh pink seedless	20,264	16,387	15,286	6,437	4,388
Lemons	42,896	48,838	52,156	50,202	65,861
Fresh	37,833	46,267	47,692	47,176	63,504
Processing	5,063	2,571	4,464	3,026	2,357
Oranges	30,638	14,088	12,815	10,366	10,414
Naval, fresh, early and mid	6,521	6,419	8,411	5,703	6,062
Valencias, fresh	23,722	6,971	4,328	4,026	4,328
Tangerines	10,058	9,991	16,442	11,367	11,179
Fresh	9,811	9,951	16,181	11,483	11,214
Apples	4,892	7,891	6,059	3,654	4,621
Fresh	2,442	4,932	2,577	900	1,000
Processing	2,450	2,959	3,482	2,754	3,621

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Grapes	22,616	19,686	12,488	18,066	24,430
Miscellaneous fruits and nuts	1,551	2,629	4,764	6,901	5,303
All other crops	83,174	86,653	71,998	78,059	83,511
Other seeds	19,505	20,095	22,002	18,810	19,850
Other field crops	1,769	1,338	2,031	1,995	3,883
Christmas trees	NA	NA	NA	NA	82
Greenhouse/nursery	61,900	65,220	47,965	57,254	59,696
Floriculture	NA	NA	12,515	21,354	22,796
Ornamentals, other	61,900	65,220	35,450	35,900	36,900
Arkansas					
All commodities	4,253,770	4,230,093	4,657,524	4,354,224	5,275,623
Livestock and products	2,701,261	2,691,032	2,710,019	2,900,656	3,114,089
Meat animals	681,759	680,883	514,997	503,375	490,944
Cattle and calves	526,138	546,687	394,328	359,118	338,757
Hogs	155,621	133,943	120,537	144,197	151,866
Dairy products	118,200	98,410	106,057	101,592	101,748
Milk, wholesale	118,200	98,410	106,057	101,592	101,748
Poultry/eggs	1,836,541	1,851,474	2,008,754	2,202,270	2,420,426
Broilers	1,378,434	1,369,830	1,529,660	1,684,366	1,820,138
Farm chickens	11,805	9,568	8,970	15,675	16,575
Chicken eggs	260,338	285,881	264,974	285,829	329,593
Turkeys	185,812	186,048	196,650	205,000	224,400
Other poultry	152	147	8,500	11,400	29,720
Miscellaneous livestock	64,761	60,265	80,211	93,419	100,971
Honey	1,729	2,005	1,521	1,825	1,704
Aquaculture	55,907	50,841	71,203	83,810	91,987
Catfish	29,577	19,166	31,603	34,036	36,813
Other aquaculture	26,330	31,675	39,600	49,774	55,174
Other livestock	7,125	7,370	7,470	7,780	7,257
All other livestock	6,510	7,370	7,470	7,780	7,257
Crops	1,552,509	1,539,061	1,947,505	1,453,568	2,161,534
Food grains	550,624	498,322	662,060	362,091	805,874
Rice	404,823	435,241	533,170	242,562	679,365
Wheat	145,801	63,081	128,890	119,529	126,509
Feed crops	78,224	75,665	121,377	83,162	95,705
Corn	14,686	15,311	19,374	20,139	20,943
Hay	23,564	19,558	35,020	30,712	35,443
Oats	3,441	1,760	1,921	1,899	1,949
Sorghum grain	36,533	39,036	65,062	30,412	37,370
Cotton	404,070	384,446	539,187	379,008	536,133
Cotton lint, all	359,565	342,783	485,379	335,233	474,018
Cottonseed	44,505	41,663	53,808	43,775	62,115
Oil crops	459,291	509,756	561,984	572,049	661,880
Soybeans	459,291	509,573	561,752	571,773	661,646
Vegetables	18,276	22,583	24,582	18,756	24,419
Tomatoes	8,624	11,340	9,117	5,451	9,889
Miscellaneous vegetables	8,750	9,600	8,000	8,000	8,000
Watermelons	NA	NA	4,200	2,999	2,538
Fruits and nuts	14,190	17,487	10,087	11,586	10,335
Apples	2,293	1,691	1,009	1,804	1,229
Grapes	1,637	3,351	2,070	2,710	2,619
Peaches	5,058	2,996	2,652	3,069	1,960
Blueberries	NA	NA	1,812	1,928	1,652

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Other berries	4,575	6,100	600	600	700
Pecans	245	2,910	1,571	990	1,740
Miscellaneous fruits and nuts	10	15	31	100	110
All other crops	27,834	30,802	28,228	26,916	27,188
Other seeds	3,700	3,500	3,500	1,500	500
Other field crops	2,438	3,081	3,048	2,980	3,340
Greenhouse/nursery	21,696	24,221	21,680	22,436	23,348
Floriculture	8,196	9,721	11,680	11,936	12,348
Ornamentals, other	13,500	14,500	10,000	10,500	11,000
California					
All commodities	19,209,630	17,783,071	19,054,913	19,954,273	20,238,064
Livestock and products	5,532,792	5,247,056	5,100,010	5,311,458	5,397,546
Meat animals	1,859,910	1,759,879	1,532,068	1,714,197	1,529,669
Cattle and calves	1,775,817	1,672,249	1,437,117	1,590,174	1,429,294
Hogs	39,511	46,648	41,432	50,537	45,558
Sheep and lambs	44,582	40,982	53,519	73,486	54,817
Dairy products	2,555,641	2,439,429	2,609,667	2,663,209	2,946,464
Milk, retail	72,670	70,326	80,428	66,921	103,558
Milk, wholesale	2,482,971	2,369,103	2,529,239	2,596,288	2,842,906
Poultry/eggs	1,035,444	963,388	873,557	852,612	846,386
Broilers	338,330	334,358	350,549	352,512	373,230
Farm chickens	4,920	2,331	1,482	1,651	1,058
Chicken eggs	394,771	362,275	277,944	265,988	255,277
Turkeys	270,522	241,425	219,929	208,980	193,242
Other poultry	26,901	22,999	23,653	23,481	23,579
Miscellaneous livestock	81,797	84,360	84,718	81,440	75,027
Honey	10,886	18,711	17,072	22,500	12,000
Wool	6,270	4,010	4,543	2,780	3,457
Trout	11,148	6,451	6,451	6,707	5,286
Other livestock	46,882	50,161	51,409	42,902	47,898
Crops	13,676,838	12,536,015	13,954,903	14,642,815	14,840,518
Food grains	330,293	291,193	391,020	267,409	543,948
Rice	178,661	185,221	217,102	147,207	383,149
Wheat	151,632	105,972	173,918	120,202	160,799
Feed crops	766,317	528,936	558,125	614,405	744,489
Barley	41,156	20,167	29,648	23,956	31,916
Corn	61,950	47,751	44,542	58,429	62,369
Hay	658,693	455,641	480,228	528,708	647,286
Oats	4,212	5,377	3,707	3,312	2,918
Cotton	1,189,568	912,611	1,129,663	1,050,028	1,034,290
Cotton lint, all	1,067,497	824,859	1,023,562	933,908	933,715
Upland	1,044,998	756,265	906,322	838,674	839,781
Long staple	22,499	68,594	117,240	95,234	93,934
Cottonseed	122,071	87,752	106,101	116,120	100,575
Oil crops	NA	24,934	33,169	62,726	63,004
Vegetables	3,783,919	3,635,988	4,059,426	4,557,489	4,445,388
Beans, dry	100,279	98,193	71,615	66,972	80,073
Potatoes	185,479	147,826	134,255	180,695	168,596
Winter	31,011	17,712	18,926	27,136	19,753
Spring	86,667	86,184	65,127	95,459	90,364
Summer	20,959	14,274	22,495	19,844	22,355
Fall	46,842	29,656	27,707	38,256	36,124
Sweetpotatoes	26,793	25,356	47,473	40,221	48,530
Artichokes	NA	NA	43,447	45,762	58,551
Beans, snap, fresh	NA	NA	17,015	29,142	30,030

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Broccoli	244,695	215,550	255,717	247,863	303,767
Brussels sprouts	NA	NA	17,104	24,761	23,575
Carrots	186,467	208,910	217,062	180,640	193,791
Cauliflower	152,929	145,054	155,001	159,245	144,939
Celery	159,999	143,739	190,445	230,545	181,757
Central coast	79,865	58,169	NA	NA	NA
South coast	80,134	85,570	NA	NA	NA
Corn, sweet, fresh	31,730	31,883	38,480	49,840	55,642
Cucumbers	13,377	12,567	46,617	46,198	31,673
Fresh	NA	NA	38,205	37,940	23,370
Processing	13,377	12,567	8,412	8,258	8,303
Garlic	NA	NA	102,854	132,470	205,172
Lettuce	682,700	600,856	926,237	1,135,240	872,105
Head	NA	NA	687,960	837,540	624,767
Romaine	NA	NA	84,165	98,952	92,963
Leaf	NA	NA	154,112	198,748	154,375
Onions	124,694	130,390	125,426	161,668	115,626
Spring	39,627	56,880	42,480	59,400	23,643
Summer, nonstorage	85,067	73,510	82,946	102,268	91,983
Peppers, green	NA	NA	104,470	149,057	145,185
Peppers, chili	14,402	NA	NA	NA	NA
Spinach, fresh	NA	NA	26,117	39,990	37,216
Tomatoes	890,259	875,111	791,093	795,326	904,580
Fresh	273,258	235,000	343,728	266,288	248,942
Processing	617,001	640,111	447,365	529,038	655,638
Miscellaneous vegetables	711,961	880,360	347,442	382,583	383,000
Cantaloups	124,476	NA	161,280	188,935	179,145
Honeydews	54,036	39,749	40,950	44,088	45,177
Watermelons	NA	NA	52,320	59,094	55,222
Fruits and nuts	5,143,709	4,772,246	5,401,080	5,723,397	5,573,792
Grapefruit	61,837	59,247	45,506	46,889	41,607
Fresh pink seedless	35,528	19,578	14,137	14,943	9,256
Fresh white seedless	25,434	37,050	31,218	32,800	32,800
Lemons	260,209	225,890	183,894	229,916	195,614
Fresh	237,803	217,899	170,214	210,615	182,032
Processing	22,406	7,991	13,680	19,301	13,582
Oranges	576,501	273,820	492,279	478,116	433,815
Naval, fresh early and mid	324,793	139,779	286,450	290,282	241,076
Naval, processing early and mid	40,812	5,858	10,827	3,597	709
Valencias, fresh	207,760	114,048	194,012	192,030	192,030
Valencias, processing	3,136	14,135	990	599	NA
Tangerines	32,526	28,441	34,412	26,929	14,677
Fresh	31,827	28,327	33,869	27,218	14,751
Apples	114,114	156,862	185,624	138,131	134,462
Fresh	83,385	121,900	148,030	104,634	96,349
Processing	30,729	34,962	37,594	33,497	38,113
Apricots	36,536	32,183	32,458	32,288	46,139
Avocados	231,778	190,281	197,092	135,678	249,113
Cherries	19,610	34,434	38,342	43,203	63,512
Dates	21,360	21,230	22,037	22,756	18,609
Figs	17,273	16,626	18,985	24,341	20,592
Grapes	1,514,413	1,563,423	1,684,850	1,823,455	1,682,545
Wine	676,270	755,800	843,000	866,382	855,915
Table	277,012	271,817	231,717	356,111	313,809
Raisins	561,131	535,806	610,133	600,962	512,821
Nectarines	109,999	86,457	73,710	102,421	68,168
Olives	64,059	36,335	90,585	56,974	38,893
Peaches	204,198	188,644	200,146	203,105	165,156
Freestone	102,120	82,914	79,510	90,072	67,686
Clingstone	102,078	105,730	120,636	113,033	97,470
Pears	82,733	83,232	82,983	77,806	70,269
Bartlett	75,867	75,624	74,970	68,287	60,904
Other	6,866	7,608	8,013	9,519	9,365

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Plums and prunes	286,890	249,665	245,602	256,799	243,900
Plums	134,412	97,894	63,033	93,954	79,032
Prunes	152,478	151,771	182,569	162,845	164,868
Kiwifruit	14,110	21,976	13,833	16,502	18,413
Strawberries	427,785	465,515	513,028	457,808	634,126
Other berries	35,668	28,000	NA	NA	NA
Almonds	597,990	564,179	691,340	911,430	894,250
Pecans	3,640	3,036	4,160	2,880	1,600
Walnuts	236,080	279,720	286,230	361,400	316,920
Pistachios	122,400	96,250	151,410	162,640	118,802
Miscellaneous fruits and nuts	72,000	66,800	62,750	70,950	71,100
All other crops	2,463,032	2,370,107	2,382,420	2,367,361	2,435,607
Sugar beets	180,294	149,476	151,857	125,528	145,160
Alfalfa	50,494	50,445	34,068	24,116	24,115
Other seeds	8,882	35,607	60,517	40,547	40,465
Other field crops	151,401	59,174	79,276	77,895	77,700
Christmas trees	NA	NA	24,720	21,000	22,000
Greenhouse/nursery	1,931,538	1,940,267	1,901,053	1,941,876	1,986,450
Floriculture	719,975	759,269	685,785	639,404	683,978
Ornamentals, other	1,211,563	1,180,998	1,215,268	1,302,472	1,302,472
Mushrooms	140,423	135,138	130,929	136,399	139,717
Colorado					
All commodities	4,226,736	3,634,314	3,792,383	4,197,400	4,028,834
Livestock and products	3,096,016	2,571,086	2,764,612	2,992,409	2,778,657
Meat animals	2,751,786	2,239,137	2,452,888	2,668,409	2,427,361
Cattle and calves	2,653,763	2,135,938	2,336,630	2,485,036	2,232,676
Hogs	52,848	67,741	73,999	88,994	100,111
Sheep and lambs	45,175	35,458	42,259	94,379	94,574
Dairy products	188,451	166,156	189,386	189,285	214,160
Milk, retail	8,651	8,930	12,372	13,395	15,600
Milk, wholesale	179,800	157,226	177,014	175,890	198,560
Poultry/eggs	131,111	141,491	95,746	107,204	106,957
Chicken eggs	51,089	53,108	42,827	47,988	42,790
Other poultry	60	80	90	120	150
Miscellaneous livestock	24,668	24,302	26,592	27,511	30,179
Honey	2,323	2,489	2,270	2,244	1,949
Wool	4,046	2,976	4,406	2,600	3,317
Aquaculture	2,167	2,370	2,370	2,134	2,275
All other livestock	15,500	16,000	17,000	20,000	22,000
Crops	1,130,720	1,063,228	1,027,771	1,204,991	1,250,177
Food grains	189,939	239,404	216,382	261,040	297,909
Wheat	189,835	239,294	216,294	260,984	297,818
Feed crops	474,260	447,156	438,775	424,922	467,551
Barley	28,907	31,063	20,299	23,109	12,754
Corn	268,964	261,973	272,227	223,864	265,343
Hay	164,226	133,695	128,076	165,381	169,570
Oats	1,658	1,036	958	1,255	1,004
Sorghum grain	10,505	19,389	17,215	11,313	18,880
Oil crops	NA	5,844	7,734	11,177	12,581
Sunflower	NA	5,585	7,426	10,215	11,053
Vegetables	308,834	217,475	198,836	333,091	302,227
Beans, dry	80,621	48,732	43,160	68,300	57,032
Potatoes	152,771	89,911	64,730	110,296	129,309
Summer	13,573	9,976	10,517	13,038	9,214
Fall	139,198	79,935	54,213	97,258	120,095
Cabbage	NA	NA	2,336	4,859	6,365

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Carrots	3,412	4,800	10,059	9,150	11,780
Corn, sweet	6,867	5,456	4,668	7,224	7,258
Cucumbers	1,088	749	1,139	2,010	1,728
Lettuce, head	12,648	6,638	16,116	11,275	6,721
Onions	39,193	49,889	45,145	102,274	63,865
Spinach	NA	NA	6,786	10,185	8,670
Miscellaneous vegetables	12,000	11,000	3,500	5,000	5,000
Cantaloups	NA	NA	1,080	2,328	4,147
Fruits and nuts	12,200	12,636	18,710	22,051	18,067
Apples	4,909	9,622	10,841	13,495	9,268
Fresh	4,237	8,198	9,055	12,001	8,134
Processing	672	1,424	1,786	1,494	1,134
Peaches	5,696	646	5,165	5,287	5,742
Pears	841	925	1,137	1,670	1,097
Other berries	68	80	70	75	70
Miscellaneous fruits and nuts	500	700	950	1,300	1,500
All other crops	145,487	140,713	147,334	152,710	151,842
Sugar beets	37,571	38,407	37,683	35,482	36,326
Other seeds	980	990	950	900	950
Other field crops	18,000	13,500	14,000	15,000	12,000
Greenhouse/nursery	79,085	77,851	85,662	93,515	94,658
Floriculture	47,085	45,351	52,662	58,515	54,658
Ornamentals, other	32,000	32,500	33,000	35,000	40,000
Connecticut					
All commodities	439,246	426,313	467,468	474,510	472,741
Livestock and products	225,262	208,566	252,014	260,015	250,893
Meat animals	16,467	14,816	16,758	18,951	16,063
Cattle and calves	15,095	13,452	15,374	17,488	14,862
Dairy products	76,091	70,349	76,319	74,477	74,701
Milk, retail	3,326	2,679	2,679	2,805	3,116
Milk, wholesale	72,765	67,670	73,640	71,672	71,585
Poultry/eggs	98,487	90,142	90,805	98,450	91,984
Chicken eggs	90,895	82,073	75,905	84,803	80,757
Other poultry	6,777	7,216	12,685	11,082	9,244
Miscellaneous livestock	34,217	33,259	68,132	68,137	68,145
Aquaculture	25,740	25,790	61,753	61,753	61,753
Other livestock	8,312	7,357	6,305	6,310	6,318
Crops	213,984	217,747	215,454	214,495	221,848
Feed crops	7,349	5,169	4,559	4,045	4,642
Hay	7,349	5,169	4,559	4,045	4,642
Tobacco	39,295	45,221	32,894	21,857	25,558
Vegetables	26,411	23,101	21,608	23,263	23,441
Corn, sweet	7,397	5,689	5,648	7,755	7,975
Miscellaneous vegetables	18,822	17,412	15,960	15,508	15,466
Fruits and nuts	14,578	15,663	16,169	15,093	14,713
Apples	6,807	7,679	7,245	5,984	6,031
Fresh	6,180	7,074	6,603	5,306	5,395
Peaches	1,645	1,632	1,850	1,820	1,100
Other berries	4,524	4,508	5,037	5,245	5,433
Miscellaneous fruits and nuts	1,024	1,124	1,224	1,324	1,424
All other crops	126,351	128,593	140,224	150,237	153,494
Other field crops	6,308	5,920	6,553	6,969	7,034
Christmas trees	NA	NA	8,000	8,000	8,000

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
			<i>1,000 dollars</i>		
Greenhouse/nursery	96,543	98,382	99,452	107,881	110,175
Floriculture	24,543	35,382	35,452	40,881	40,175
Ornamentals, other	72,000	63,000	64,000	67,000	70,000
Delaware					
All commodities	635,994	610,713	610,732	611,054	660,191
Livestock and products	459,843	438,218	449,257	466,994	505,384
Meat animals	16,116	10,133	9,639	14,822	10,091
Cattle and calves	9,228	4,652	4,440	8,932	3,030
Hogs	6,888	5,440	5,191	5,874	7,007
Dairy products	18,178	16,770	19,208	19,564	19,317
Milk, wholesale	18,178	16,770	19,208	19,564	19,317
Poultry/eggs	422,435	408,090	417,087	429,266	472,606
Broilers	405,475	391,999	401,798	414,528	458,615
Chicken eggs	16,380	15,538	14,623	14,310	13,680
Other poultry	35	40	42	44	46
Miscellaneous livestock	3,114	3,225	3,323	3,342	3,370
Other livestock	3,100	3,200	3,300	3,320	3,350
Crops	176,151	172,495	161,475	144,060	154,807
Food grains	7,866	8,529	10,905	10,105	11,821
Wheat	7,860	8,529	10,905	10,105	11,821
Feed crops	40,127	32,142	27,470	21,254	23,593
Barley	2,965	2,597	2,542	2,445	1,801
Corn	35,920	28,319	23,656	17,656	20,536
Hay	1,242	1,226	1,272	1,153	1,256
Oil crops	41,380	44,367	37,438	30,779	36,965
Soybeans	41,380	44,312	37,376	30,748	36,949
Vegetables	43,969	40,139	43,659	39,277	38,302
Potatoes	15,736	9,840	10,083	7,232	7,181
Miscellaneous vegetables	17,300	21,890	16,645	15,825	17,284
Watermelons	NA	NA	1,748	3,234	1,795
Fruits and nuts	2,582	3,963	4,215	4,305	4,674
Apples	1,957	2,688	3,060	2,975	3,341
Other berries	460	337	380	403	295
Miscellaneous fruits and nuts	82	83	85	87	89
All other crops	40,227	43,355	37,788	38,340	39,452
Other seeds	21	22	23	24	25
Other field crops	2,106	4,850	6,729	7,048	7,140
Christmas trees	NA	NA	NA	NA	305
Greenhouse/nursery	33,000	34,000	27,509	27,523	27,665
Mushrooms	5,100	4,483	3,527	3,745	4,317
Florida					
All commodities	5,701,555	6,144,385	6,139,084	6,069,496	5,977,970
Livestock and products	1,258,961	1,171,626	1,165,874	1,211,131	1,191,624
Meat animals	409,407	380,784	362,616	377,674	348,012
Cattle and calves	388,849	363,351	349,447	362,495	335,837
Hogs	20,558	17,304	13,126	15,106	11,899
Dairy products	421,007	372,947	401,700	385,503	408,408
Milk, wholesale	421,007	372,947	401,700	385,503	408,408

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
			<i>1,000 dollars</i>		
Poultry/eggs	288,758	277,068	259,678	298,831	291,605
Broilers	152,012	151,704	164,856	187,714	191,151
Farm chickens	2,486	3,764	3,028	3,569	1,406
Chicken eggs	133,610	120,930	91,104	106,838	98,348
Other poultry	650	670	690	710	700
Miscellaneous livestock	139,789	140,827	141,880	149,123	143,599
Honey	10,032	9,898	12,126	11,300	8,887
Aquaculture	2,474	1,967	1,719	364	280
Other livestock	127,283	128,953	128,023	137,450	134,420
Crops	4,442,594	4,972,759	4,973,210	4,858,365	4,786,346
Food grains	5,178	1,837	2,349	2,268	1,717
Wheat	5,178	1,837	2,349	2,268	1,717
Feed crops	16,336	19,574	24,506	22,895	25,070
Corn	11,416	9,645	11,117	12,094	11,045
Hay	4,920	9,929	13,389	10,801	14,025
Cotton	15,512	18,718	20,502	23,393	31,590
Cotton lint, all	13,648	16,867	18,285	20,590	28,425
Cottonseed	1,864	1,851	2,217	2,803	3,165
Tobacco	32,020	26,392	31,729	30,638	27,248
Oil crops	81,104	80,549	65,312	65,815	65,858
Peanuts	70,200	73,551	57,886	57,684	58,302
Soybeans	10,904	6,949	7,375	8,091	7,490
Vegetables	1,238,950	1,558,786	1,756,993	1,688,676	1,397,380
Potatoes	139,914	164,885	92,359	128,194	118,905
Winter	40,950	43,274	35,420	42,234	16,708
Spring	56,587	86,184	30,174	51,260	75,922
Other	42,377	35,427	26,765	34,700	26,275
Beans, snap, fresh	40,948	50,495	71,271	70,517	52,185
Carrots	17,604	22,563	20,228	25,551	10,808
Corn, sweet	94,848	91,674	73,149	102,588	99,347
Cucumbers, fresh	61,873	78,489	78,747	72,072	46,860
Eggplant, all	13,537	12,974	17,410	13,075	15,606
Escarole	7,945	10,633	7,000	7,611	4,995
Lettuce	18,747	18,913	18,128	26,770	12,548
Head	NA	NA	13,948	21,249	9,811
Romaine	NA	NA	2,916	3,763	2,101
Peppers, green	111,246	173,628	209,630	215,939	215,853
Tomatoes, fresh	414,528	570,801	821,805	607,464	428,455
Radishes	28,497	35,269	21,578	36,961	25,888
Squash	36,598	50,221	45,850	38,170	43,216
Miscellaneous vegetables	106,233	124,984	135,322	167,162	201,064
Watermelons	64,350	80,767	66,150	66,600	57,868
Fruits and nuts	1,582,584	1,711,450	1,496,182	1,481,905	1,599,954
Grapefruit	271,702	346,753	309,473	251,166	256,997
Fresh pink seedless	118,876	175,786	135,450	113,166	110,235
Processing pink seedless	25,213	20,348	29,621	28,539	17,974
Fresh white seedless	45,538	89,151	67,108	44,916	61,017
Processing white seedless	73,611	53,855	70,809	58,831	63,156
Processing, other	8,464	7,613	6,485	5,714	4,615
Lemons	2,767	5,072	2,637	2,879	2,675
Limes	28,286	26,901	11,213	3,151	2,092
Fresh	26,705	25,007	10,445	2,991	2,029
Oranges	1,112,885	1,135,126	966,764	1,020,484	1,133,618
Naval, fresh, early and mid	56,980	90,093	46,217	61,446	42,134
Naval, processing early and mid	687,989	479,883	418,160	528,935	613,004
Valencias, fresh	16,708	68,093	32,439	16,721	20,020
Valencias, processing	340,540	475,324	449,969	400,924	446,106

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Temple, fresh	2,724	9,313	8,819	5,966	5,609
Temple, processing	7,944	12,420	11,160	6,492	6,745
Tangelos	23,266	24,088	14,994	14,428	20,087
Fresh	12,061	15,010	9,863	8,665	11,618
Processing	11,205	9,078	5,131	5,763	8,469
Tangerines, processing	4,357	4,108	3,434	2,966	4,636
Avocados	12,812	13,455	7,701	3,608	12,320
Mangos	4,725	6,150	4,280	950	1,500
Strawberries	75,324	84,876	108,864	121,313	101,425
Blueberries	3,720	2,719	3,752	1,300	5,690
Other berries	100	100	100	100	100
Pecans	3,480	3,325	3,770	3,460	1,600
Miscellaneous fruits and nuts	13,678	14,910	12,800	6,900	11,900
All other crops	1,470,910	1,555,453	1,575,637	1,542,775	1,637,529
Cane for sugar	420,962	484,117	471,096	442,738	462,367
Other seeds	3,600	3,600	4,200	4,200	4,300
Other field crops	20,443	27,550	32,275	36,569	38,387
Christmas trees	NA	NA	1,000	1,000	1,000
Greenhouse/nursery	991,249	1,003,771	1,027,694	1,017,655	1,090,552
Floriculture	531,249	528,771	552,694	542,655	610,552
Ornamentals, other	460,000	475,000	475,000	475,000	480,000
Georgia					
All commodities	3,854,567	3,929,721	4,071,921	4,232,365	4,715,685
Livestock and products	2,266,620	2,165,693	2,284,587	2,548,528	2,668,928
Meat animals	503,637	482,318	436,135	463,897	416,302
Cattle and calves	265,475	265,818	267,564	287,403	269,535
Hogs	238,162	216,082	168,410	176,359	146,182
Dairy products	227,379	199,073	229,860	226,510	238,183
Milk, retail	3,019	3,163	2,605	3,070	2,763
Milk, wholesale	224,360	195,910	227,255	223,440	235,420
Poultry/eggs	1,499,740	1,451,931	1,583,335	1,822,378	1,975,433
Broilers	1,165,538	1,125,755	1,268,096	1,501,440	1,653,225
Farm chickens	10,338	6,983	11,022	13,866	10,284
Chicken eggs	288,951	289,601	269,654	276,580	282,045
Turkeys	25,748	20,879	24,596	18,399	17,227
Other poultry	9,165	8,713	9,967	12,093	12,652
Miscellaneous livestock	35,864	32,371	35,257	35,743	39,010
Honey	3,275	2,699	3,086	2,733	2,923
All other livestock	28,518	25,641	27,514	28,842	31,824
Crops	1,587,947	1,764,028	1,787,334	1,683,837	2,046,757
Food grains	62,022	41,712	45,606	41,770	54,481
Rye	1,756	1,850	2,192	2,096	3,420
Wheat	60,266	39,862	43,414	39,674	51,061
Feed crops	122,055	123,853	151,720	111,335	138,181
Corn	91,568	95,151	119,981	86,500	100,296
Hay	26,900	25,880	26,408	19,749	31,472
Oats	1,858	1,097	2,802	1,986	2,739
Sorghum grain	1,729	1,725	2,529	3,100	3,674
Cotton	146,674	156,695	219,979	241,824	406,335
Cotton lint, all	133,367	145,614	202,987	224,626	380,311
Cottonseed	13,307	11,081	16,992	17,198	26,024
Tobacco	168,171	142,635	170,101	156,805	135,854
Oil crops	540,272	710,280	638,942	504,521	605,492
Peanuts	455,455	630,680	551,601	428,899	532,712
Soybeans	84,817	77,145	85,952	74,210	69,241

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Vegetables	227,383	249,130	267,081	281,555	365,929
Sweetpotatoes	4,657	7,241	6,342	4,916	4,657
Beans, green lima	NA	NA	4,428	3,264	4,351
Beans, snap, fresh	NA	NA	16,414	13,000	16,072
Cabbage	NA	NA	13,680	33,418	24,300
Corn, sweet	NA	NA	16,029	11,622	33,941
Cucumbers, fresh	NA	NA	NA	16,380	23,814
Onions	35,381	20,790	35,204	44,372	40,510
Tomatoes	20,650	33,703	36,112	25,480	34,965
Miscellaneous vegetables	163,927	184,747	110,842	103,095	124,142
Cantaloups	NA	NA	5,920	4,648	6,563
Watermelons	NA	NA	19,236	18,900	25,500
Fruits and nuts	121,173	146,268	91,002	128,714	104,292
Apples	2,778	4,080	4,488	4,541	3,051
Grapes	2,252	2,432	2,630	3,035	2,481
Peaches	36,732	33,712	26,714	32,245	27,549
Blueberries	NA	NA	9,090	2,610	4,125
Other berries	2,559	3,914	1,020	612	1,594
Pecans	74,560	99,860	45,060	83,560	62,900
Miscellaneous fruits and nuts	2,292	2,270	2,000	2,111	2,592
All other crops	200,197	193,455	202,903	217,313	236,193
Other seeds	4,605	4,997	4,744	5,959	5,768
Other field crops	5,046	3,519	3,408	3,165	3,583
Greenhouse/nursery	183,619	179,358	191,200	204,900	223,300
Floriculture	35,105	36,756	40,260	44,933	44,849
Ornamentals, other	148,514	142,602	150,940	159,967	178,451
Hawaii					
All commodities	602,634	561,860	526,167	507,204	498,099
Livestock and products	88,444	87,588	89,154	85,369	76,523
Meat animals	35,987	36,576	35,842	33,414	26,288
Cattle and calves	28,735	29,787	29,235	26,860	19,678
Hogs	7,252	6,463	6,521	6,293	6,120
Dairy products	30,760	30,328	32,495	32,035	31,770
Milk, wholesale	30,760	30,328	32,495	32,035	31,770
Poultry/eggs	20,459	19,392	18,841	17,459	16,150
Broilers	4,129	3,214	2,807	2,256	2,575
Chicken eggs	16,115	15,996	15,846	15,005	13,386
Other poultry	10	10	10	20	20
Miscellaneous livestock	1,238	1,292	1,976	2,461	2,315
Other livestock	500	526	1,233	1,490	1,758
Crops	514,190	474,272	437,013	421,835	421,576
Vegetables	37,427	33,291	38,787	36,664	36,830
Taro	2,262	2,795	3,002	2,760	2,806
Ginger root	NA	NA	6,380	5,247	5,220
Lettuce	1,386	1,290	1,080	987	765
Tomatoes	2,990	3,120	2,976	3,024	2,703
Miscellaneous vegetables	30,789	26,086	17,383	16,885	17,300
Watermelons	NA	NA	1,280	1,696	2,240
Fruits and nuts	178,824	172,975	161,209	141,615	149,173
Pineapples	106,365	107,775	102,100	79,850	78,890
Coffee	7,290	6,210	4,080	6,525	11,270
Bananas	4,294	4,674	4,920	4,446	5,069
Papayas	14,805	16,228	14,415	13,673	13,831
Guavas	NA	2,044	1,896	2,171	2,549
Macadamia nuts	41,000	34,650	32,640	32,980	35,535
Miscellaneous fruits and nuts	4,655	989	775	1,664	1,803

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
All other crops	297,939	268,006	237,017	243,556	235,573
Cane for sugar	219,843	181,224	159,103	165,938	159,018
Other seeds	6,680	4,850	7,319	7,500	9,000
Other field crops	842	904	804	915	1,140
Greenhouse/nursery	70,393	80,863	69,679	69,054	66,173
Floriculture	43,220	49,863	45,145	48,893	46,173
Ornamentals, other	27,173	31,000	24,534	20,161	20,000
Idaho					
All commodities	2,829,606	2,635,559	2,732,107	2,890,394	2,954,516
Livestock and products	1,167,271	1,065,192	1,145,224	1,167,072	1,198,987
Meat animals	749,418	681,177	715,919	717,124	677,732
Cattle and calves	726,737	659,078	693,414	691,870	652,120
Hogs	11,050	10,558	8,318	10,351	9,382
Sheep and lambs	11,631	11,541	14,187	14,903	16,230
Dairy products	354,410	318,570	370,800	387,960	456,330
Milk, wholesale	354,410	318,570	370,800	387,960	456,330
Poultry/eggs	12,456	12,443	11,499	13,208	14,081
Chicken eggs	12,326	12,332	11,164	12,837	13,662
Other poultry	52	54	294	320	346
Miscellaneous livestock	50,987	53,002	47,006	48,780	50,844
Honey	2,688	3,478	3,580	4,910	3,747
Wool	1,804	1,324	1,718	1,202	1,533
Aquaculture	33,065	34,446	28,450	29,180	30,389
Other livestock	13,430	13,754	13,258	13,488	15,175
Mink pelts	5,355	5,355	4,712	4,522	5,763
All other livestock	8,075	8,399	8,546	8,966	9,412
Crops	1,662,335	1,570,367	1,586,883	1,723,322	1,755,529
Food grains	258,460	288,740	336,260	310,042	339,613
Wheat	258,460	288,740	336,260	310,042	339,613
Feed crops	288,041	276,751	264,050	324,216	289,523
Barley	135,596	140,481	124,618	124,838	118,695
Corn	10,087	10,785	12,699	8,657	10,866
Hay	140,303	124,061	125,662	189,618	159,110
Oats	2,055	1,424	1,071	1,103	852
Oil crops	NA	2,608	2,794	4,181	7,612
Vegetables	761,157	654,646	626,190	723,158	712,982
Beans, dry	91,649	46,329	35,639	39,037	45,242
Peas, dry	19,738	22,441	14,299	16,292	13,331
Dry, edible	9,317	11,933	8,041	6,862	7,614
Wrinkled seed	8,642	8,818	5,360	8,020	5,189
Austrian winter	1,779	1,690	898	1,410	528
Lentils (beans)	6,496	9,688	10,819	12,600	12,529
Potatoes	595,896	514,391	513,634	557,472	575,495
Corn, sweet	10,485	11,824	8,737	10,422	9,012
Onions	29,982	41,335	33,637	78,754	52,085
Miscellaneous vegetables	1,166	1,213	2,600	2,782	2,977
Fruits and nuts	27,565	20,974	23,333	25,801	24,403
Apples	20,354	18,167	17,139	16,642	16,949
Fresh	16,240	13,539	15,165	13,562	14,298
Processing	4,114	4,628	1,974	3,080	2,651
Cherries	1,720	203	1,073	1,108	1,695
Peaches	890	NA	1,372	1,597	1,264
Plums and prunes	1,703	1,149	1,168	847	1,355
Other berries	219	228	144	151	159
Miscellaneous fruits and nuts	2,679	1,227	2,437	2,728	2,981

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
All other crops	327,112	326,648	334,256	335,924	381,396
Sugar beets	201,661	194,181	194,040	195,000	231,050
Other seeds	55,634	55,484	58,888	60,415	61,905
Hops	6,075	8,635	9,373	9,637	11,035
Mint	15,571	18,237	18,818	15,511	19,774
Peppermint	11,673	13,370	14,423	13,032	18,048
Spearmint	3,898	4,867	4,395	2,479	1,726
Other field crops	1,256	902	926	982	883
Christmas trees	NA	NA	4,646	4,971	5,319
Greenhouse/nursery	46,467	48,750	47,143	49,068	51,106
Illinois					
All commodities	7,779,197	7,468,780	7,435,290	8,150,527	8,222,796
Livestock and products	2,443,561	2,315,078	2,165,579	2,234,317	2,064,688
Meat animals	2,013,275	1,914,944	1,754,414	1,824,788	1,636,830
Cattle and calves	799,657	733,242	707,872	703,989	687,863
Hogs	1,206,275	1,174,896	1,037,381	1,112,479	941,113
Sheep and lambs	7,343	6,806	9,161	8,320	7,854
Dairy products	325,725	307,196	331,569	318,150	334,894
Milk, wholesale	325,725	307,196	331,569	318,150	334,894
Poultry/eggs	85,821	75,513	62,539	74,498	75,534
Chicken eggs	42,954	47,529	32,040	39,678	40,960
Turkeys	41,398	26,994	29,274	32,508	33,660
Other poultry	750	750	750	750	750
Miscellaneous livestock	18,740	17,425	17,057	16,881	17,430
Other livestock	17,578	16,266	15,924	15,867	15,935
Mink pelts	3,068	1,756	1,414	1,357	1,425
All other livestock	14,510	14,510	14,510	14,510	14,510
Crops	5,335,636	5,153,702	5,269,711	5,916,210	6,158,108
Food grains	230,019	146,273	178,411	170,690	178,303
Wheat	229,716	145,976	177,837	170,238	177,934
Feed crops	2,765,940	2,719,354	2,604,174	3,000,424	3,057,351
Corn	2,691,187	2,654,529	2,492,737	2,892,702	2,949,082
Hay	47,043	38,696	71,062	67,313	74,232
Oats	6,277	2,303	6,004	2,882	2,991
Sorghum grain	21,433	23,826	34,371	37,527	31,046
Oil crops	2,023,278	1,919,278	2,104,919	2,379,565	2,548,029
Soybeans	2,023,278	1,918,287	2,103,620	2,378,341	2,546,837
Vegetables	74,277	86,964	78,493	72,055	81,484
Potatoes	4,256	5,494	6,398	5,783	7,975
Corn, sweet	20,414	30,445	24,813	23,169	28,601
Fresh	5,681	11,041	9,074	7,070	10,304
Processing	14,733	19,404	15,739	16,099	18,297
Miscellaneous vegetables	25,000	25,000	22,500	22,500	22,500
Fruits and nuts	13,228	21,733	25,559	21,864	11,586
Apples	10,125	12,298	17,591	14,379	7,050
Fresh	9,297	10,573	16,070	13,262	6,552
Processing	828	1,725	1,521	1,117	498
Peaches	103	6,435	4,968	4,485	1,536
Other berries	3,000	3,000	3,000	3,000	3,000
All other crops	228,894	260,100	278,155	271,612	281,355
Other seeds	1,200	1,200	1,200	1,200	1,200
Other field crops	13,300	13,300	13,300	13,300	13,300
Greenhouse/nursery	180,861	209,974	224,688	218,314	229,432
Floriculture	60,861	69,974	74,688	68,314	79,432
Ornamentals, other	120,000	140,000	150,000	150,000	150,000

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Indiana					
All commodities	4,904,318	4,465,492	4,441,976	5,340,897	4,837,594
Livestock and products	2,036,220	1,901,871	1,818,061	1,913,251	1,765,402
Meat animals	1,219,609	1,137,127	1,057,690	1,122,323	975,110
Cattle and calves	330,813	307,403	320,881	327,674	301,694
Hogs	885,696	826,421	732,307	791,341	669,172
Sheep and lambs	3,100	3,303	4,502	3,308	4,244
Dairy products	313,866	270,435	299,117	286,650	295,738
Milk, wholesale	313,866	270,435	299,117	286,650	295,738
Poultry/eggs	494,098	484,281	447,830	490,183	480,314
Farm chickens	3,949	1,219	3,906	1,607	1,176
Chicken eggs	284,501	264,941	211,751	246,007	230,801
Turkeys	120,834	134,190	146,824	140,423	144,480
Other poultry	57,550	55,750	58,693	72,506	72,747
Miscellaneous livestock	8,647	10,028	13,424	14,095	14,240
All other livestock	7,318	8,780	12,803	13,288	13,413
Crops	2,868,098	2,563,621	2,623,915	3,427,646	3,072,192
Food grains	139,838	81,705	77,195	95,452	110,955
Wheat	139,659	81,564	76,983	95,243	110,787
Feed crops	1,472,399	1,247,564	1,240,333	1,717,411	1,395,636
Corn	1,439,548	1,215,269	1,201,143	1,675,767	1,356,925
Hay	30,505	30,573	37,256	40,087	37,695
Oats	2,346	1,722	1,934	1,557	1,016
Tobacco	24,872	30,991	35,187	33,383	29,164
Oil crops	987,201	963,475	1,018,321	1,322,458	1,257,862
Soybeans	987,201	963,137	1,018,177	1,322,328	1,257,741
Vegetables	84,800	78,820	75,790	83,300	89,814
Potatoes	6,903	5,680	6,028	6,259	7,607
Beans, snap	3,758	1,173	1,400	1,678	2,007
Corn, sweet, fresh	NA	NA	7,390	9,589	8,817
Cucumbers	2,465	1,610	2,128	1,650	2,317
Tomatoes	22,888	25,336	18,462	17,641	23,081
Fresh	6,615	5,583	5,460	5,670	5,928
Processing	16,273	19,753	13,002	11,971	17,153
Miscellaneous vegetables	47,912	44,276	29,615	30,781	31,905
Cantaloups	NA	NA	3,780	6,528	5,707
Watermelons	NA	NA	6,169	8,020	7,828
Fruits and nuts	18,420	19,533	22,078	22,497	20,064
Apples	11,578	11,100	11,312	11,742	11,301
Fresh	10,988	10,011	9,981	10,633	10,694
Peaches	273	1,822	2,658	2,753	NA
Other berries	6,146	6,176	5,883	6,090	6,276
Miscellaneous fruits and nuts	423	435	480	560	640
All other crops	140,568	141,533	155,011	153,145	168,697
Other seeds	507	453	305	288	278
Mint	12,306	13,295	14,564	10,944	13,429
Peppermint	9,671	9,672	10,764	8,294	10,716
Spearmint	2,635	3,623	3,800	2,650	2,713
Other field crops	30,714	26,546	37,590	29,110	34,034
Christmas trees	NA	NA	NA	NA	5,300
Greenhouse/nursery	84,005	89,287	90,577	98,961	101,546
Floriculture	40,005	43,262	42,252	43,691	43,186
Ornamentals, other	44,000	46,025	48,325	55,270	58,360

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Iowa					
All commodities	10,273,202	10,193,484	10,785,541	10,389,722	10,084,316
Livestock and products	5,862,068	5,569,329	5,645,273	5,784,034	5,119,889
Meat animals	5,079,331	4,848,154	4,900,429	5,009,971	4,337,610
Cattle and calves	2,065,525	1,906,341	2,144,651	2,160,888	1,743,673
Hogs	2,989,051	2,916,499	2,732,215	2,820,048	2,570,413
Sheep and lambs	24,755	25,314	23,563	29,035	23,524
Dairy products	549,290	482,664	507,650	506,112	498,843
Milk, wholesale	549,290	482,664	507,650	506,112	498,843
Poultry/eggs	218,332	224,362	221,595	251,741	264,531
Broilers	20,261	27,495	27,999	30,150	29,700
Farm chickens	1,470	744	1,256	1,134	564
Chicken eggs	101,276	99,243	95,282	125,077	126,299
Turkeys	88,889	90,480	90,558	87,780	99,968
Other poultry	6,436	6,400	6,500	7,600	8,000
Miscellaneous livestock	15,115	14,149	15,599	16,210	18,905
Honey	2,003	2,354	2,297	1,646	2,505
Other livestock	11,949	11,133	12,505	13,904	15,762
Mink pelts	3,188	2,333	2,505	2,404	2,762
All other livestock	8,761	8,800	10,000	11,500	13,000
Crops	4,411,134	4,624,155	5,140,268	4,605,688	4,964,427
Food grains	7,898	4,809	5,003	2,405	5,768
Wheat	7,885	4,809	5,003	2,405	5,768
Feed crops	2,537,804	2,703,554	3,030,127	2,755,944	2,756,840
Corn	2,414,655	2,619,205	2,913,216	2,643,773	2,639,758
Hay	100,237	73,280	101,514	106,164	104,336
Oats	22,912	11,069	15,397	6,007	12,746
Oil crops	1,786,225	1,832,075	2,026,931	1,784,588	2,119,010
Soybeans	1,786,225	1,832,030	2,026,910	1,784,588	2,119,010
Vegetables	11,883	11,723	10,735	5,642	11,278
Potatoes	743	968	1,226	643	1,788
Miscellaneous vegetables	5,803	5,811	5,043	3,278	5,063
Fruits and nuts	3,223	3,691	3,636	2,790	3,146
Apples	1,954	2,253	3,122	2,456	2,630
Other berries	1,179	1,346	462	300	464
Miscellaneous fruits and nuts	90	92	52	34	52
All other crops	64,101	68,303	63,836	54,319	68,385
Other seeds	1,220	1,213	2,054	1,336	2,062
Other field crops	6,431	7,370	5,060	3,289	5,081
Christmas trees	NA	NA	1,260	1,260	1,260
Greenhouse/nursery	56,350	59,606	55,335	48,313	59,865
Floriculture	25,813	28,906	32,481	33,458	36,920
Ornamentals, other	30,537	30,700	22,854	14,855	22,945
Kansas					
All commodities	6,991,518	7,019,672	7,171,313	7,335,486	7,687,299
Livestock and products	4,968,150	4,755,713	4,799,304	4,857,421	4,808,701
Meat animals	4,752,676	4,561,714	4,590,655	4,660,515	4,600,545
Cattle and calves	4,416,126	4,228,441	4,306,486	4,365,297	4,338,811
Hogs	320,920	321,341	271,867	281,042	249,464
Sheep and lambs	15,630	11,932	12,302	14,176	12,270
Dairy products	162,925	141,453	151,074	135,255	139,648
Milk, wholesale	162,925	141,453	151,074	135,255	139,648

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Poultry/eggs	23,628	20,939	19,184	23,253	26,324
Chicken eggs	18,348	15,495	11,330	12,275	11,381
Turkeys	3,784	4,894	7,240	10,578	14,448
Miscellaneous livestock	28,921	31,607	38,391	38,398	42,184
All other livestock	25,438	29,298	36,049	36,753	40,742
Crops	2,023,368	2,263,959	2,372,009	2,478,065	2,878,598
Food grains	946,011	1,161,028	1,051,963	1,145,232	1,345,169
Wheat	945,885	1,160,885	1,051,782	1,144,264	1,344,294
Feed crops	743,389	794,564	906,113	901,870	1,023,167
Barley	1,210	1,274	1,522	1,192	979
Corn	334,679	389,831	454,138	399,076	545,055
Hay	121,425	96,266	98,329	131,333	117,628
Oats	4,702	3,675	4,644	2,245	2,838
Sorghum grain	281,373	303,518	347,480	368,024	356,667
Cotton	155	246	172	115	352
Oil crops	275,262	234,896	335,472	351,314	424,583
Soybeans	265,531	225,075	322,913	327,292	398,119
Sunflower	9,731	9,797	12,522	23,965	26,407
Vegetables	26,270	34,655	33,908	34,347	35,076
Beans, dry	10,247	8,813	6,848	8,222	9,942
Miscellaneous vegetables	16,023	25,842	27,060	26,125	25,134
Fruits and nuts	2,561	4,504	7,704	4,140	6,865
Apples	1,533	1,311	1,240	721	933
Other berries	815	1,785	1,990	1,995	1,733
Miscellaneous fruits and nuts	90	568	970	410	423
All other crops	29,720	34,066	36,677	41,047	43,386
Other seeds	821	1,262	1,981	1,680	2,510
Other field crops	4,525	5,466	5,147	7,097	8,130
Christmas trees	NA	NA	NA	1,850	NA
Greenhouse/nursery	24,374	27,338	29,549	30,420	32,746
Floriculture	19,374	22,338	24,049	22,420	24,246
Ornamentals, other	5,000	5,000	5,500	8,000	8,500
Kentucky					
All commodities	3,098,650	3,196,082	3,194,013	3,414,258	3,230,277
Livestock and products	1,694,257	1,711,058	1,631,692	1,724,726	1,645,433
Meat animals	864,136	920,847	830,657	916,901	777,459
Cattle and calves	677,819	763,705	683,158	768,130	647,815
Hogs	185,141	156,200	146,334	147,803	128,510
Sheep and lambs	1,176	942	1,165	968	1,134
Dairy products	311,025	263,750	284,275	274,030	267,297
Milk, wholesale	311,025	263,750	284,275	274,030	267,297
Poultry/eggs	25,400	56,226	79,156	88,326	107,691
Broilers	1,870	24,864	48,496	52,200	71,190
Chicken eggs	23,244	31,054	30,233	35,643	36,044
Other poultry	NA	36	72	107	110
Miscellaneous livestock	493,696	470,235	437,604	445,469	492,986
Horses/mules	490,000	466,000	433,000	441,000	489,000
All other livestock	2,665	2,810	2,948	2,948	2,888
Crops	1,404,393	1,485,024	1,562,321	1,689,532	1,584,844
Food grains	57,062	28,964	58,827	57,272	77,399
Wheat	57,057	28,964	58,827	57,272	77,399

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
			<i>1,000 dollars</i>		
Feed crops	288,379	287,637	303,709	356,634	348,754
Barley	1,983	1,745	1,313	1,567	1,211
Corn	228,789	231,169	250,666	296,314	286,667
Hay	54,056	50,921	48,932	56,779	58,978
Sorghum grain	3,502	3,802	2,798	1,974	1,898
Tobacco	738,616	843,015	877,357	918,850	786,020
Oil crops	228,107	216,524	210,020	236,729	255,250
Soybeans	228,107	215,668	209,747	236,565	255,080
Vegetables	26,090	29,466	28,141	30,370	30,075
Peppers, green	NA	NA	2,570	2,842	2,835
Miscellaneous vegetables	25,809	29,246	25,048	26,996	26,996
Fruits and nuts	7,386	11,011	10,605	11,693	8,538
Apples	1,639	3,531	3,332	3,500	2,033
Fresh	1,539	3,452	3,221	3,361	1,333
Other berries	5,500	5,750	5,750	6,000	5,843
Miscellaneous fruits and nuts	247	435	450	513	662
All other crops	58,753	68,407	73,662	77,984	78,808
Other seeds	455	1,123	1,747	2,142	1,532
Other field crops	10,144	13,033	15,140	17,135	18,480
Greenhouse/nursery	48,100	54,200	56,724	58,657	58,747
Floriculture	NA	NA	21,474	22,357	22,047
Ornamentals, other	48,100	54,200	35,250	36,300	36,700
Louisiana					
All commodities	1,907,412	1,683,020	1,899,560	1,795,135	2,012,687
Livestock and products	628,374	617,426	610,215	704,940	703,723
Meat animals	211,885	227,585	168,823	203,276	165,878
Cattle and calves	202,737	220,695	161,311	196,097	159,173
Hogs	8,939	6,658	7,242	6,923	6,403
Dairy products	141,680	121,695	135,360	128,800	128,310
Milk, wholesale	141,680	121,695	135,360	128,800	128,310
Poultry/eggs	203,440	202,036	234,910	301,575	333,661
Chicken eggs	26,163	24,342	25,543	34,613	40,793
Other poultry	951	2,057	3,219	18,266	21,698
Miscellaneous livestock	71,369	66,110	71,122	71,289	75,874
Honey	1,792	1,484	2,456	2,102	1,578
Aquaculture	49,225	42,459	46,263	45,512	45,921
Catfish	15,225	8,832	13,184	18,843	20,212
Crawfish	34,000	33,627	33,079	26,669	25,709
Other livestock	20,325	22,142	22,374	23,655	28,341
Crops	1,279,038	1,065,594	1,289,345	1,090,195	1,308,964
Food grains	232,447	154,495	222,500	137,047	242,042
Rice	193,398	142,874	203,023	128,842	233,854
Wheat	39,049	11,621	19,477	8,205	8,188
Feed crops	58,473	68,927	98,213	72,516	95,197
Corn	37,442	42,306	61,517	46,498	68,378
Hay	5,044	5,447	9,988	6,287	10,570
Sorghum grain	15,987	21,174	26,708	19,731	16,249
Cotton	415,027	333,845	446,707	341,049	428,391
Cotton lint, all	370,245	305,214	411,621	303,146	385,169
Cottonseed	44,782	28,631	35,086	37,903	43,222
Oil crops	263,120	170,349	208,700	200,569	181,181
Soybeans	263,120	170,266	208,287	200,144	180,960

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Vegetables	65,831	64,624	55,674	66,388	75,014
Sweetpotatoes	27,925	26,276	28,889	32,914	44,044
Peppers, green	NA	NA	2,880	4,395	4,600
Tomatoes	NA	1,178	2,970	2,331	2,920
Miscellaneous vegetables	37,738	37,081	18,925	25,114	21,851
Fruits and nuts	13,502	26,219	12,115	15,301	22,292
Peaches	1,258	1,620	1,665	1,584	1,672
Strawberries	4,012	3,080	6,960	5,390	7,238
Other berries	1,321	1,500	1,776	1,246	1,599
Pecans	5,625	19,885	1,120	5,975	8,300
Miscellaneous fruits and nuts	1,286	134	594	1,106	3,483
All other crops	230,638	247,135	245,436	257,325	264,847
Cane for sugar	155,427	174,788	212,904	222,233	226,650
Other field crops	6,116	2,679	2,423	2,939	3,499
Christmas trees	NA	NA	2,505	2,927	2,396
Greenhouse/nursery	69,095	69,668	27,604	29,226	32,302
Floriculture	NA	NA	17,584	20,913	23,179
Ornamentals, other	69,095	69,668	10,020	8,313	9,123
Maine					
All commodities	488,645	441,785	458,239	453,287	482,729
Livestock and products	253,364	247,536	247,667	268,528	276,028
Meat animals	22,778	27,956	21,477	27,034	26,674
Cattle and calves	19,688	25,059	19,692	25,442	24,335
Hogs	2,141	2,098	1,358	1,012	1,238
Dairy products	91,940	85,060	92,595	92,384	89,645
Milk, retail	2,260	2,260	2,260	2,084	2,084
Milk, wholesale	89,680	82,800	90,335	90,300	87,561
Poultry/eggs	94,595	90,325	85,611	100,854	111,619
Chicken eggs	89,974	86,492	80,401	96,420	107,797
Other poultry	3,135	3,120	4,266	3,580	3,233
Miscellaneous livestock	44,051	44,195	47,984	48,256	48,090
Aquaculture	39,000	39,000	42,896	42,896	42,896
Other livestock	4,675	4,770	4,780	4,850	4,865
Crops	235,281	194,249	210,572	184,759	206,701
Feed crops	6,880	6,142	9,214	9,076	8,770
Hay	4,427	5,009	8,122	8,301	8,235
Oats	2,453	1,133	1,092	775	535
Vegetables	155,683	121,952	114,198	106,251	126,780
Potatoes	139,508	109,030	103,108	92,995	112,230
Miscellaneous vegetables	13,608	11,650	6,845	8,450	9,660
Fruits and nuts	45,941	38,163	50,963	32,092	32,578
Apples	15,290	17,329	13,645	11,269	11,126
Fresh	13,993	16,003	12,410	10,294	10,361
Processing	1,297	1,326	1,235	975	765
Blueberries	27,732	18,057	34,519	18,077	19,074
Other berries	2,772	2,694	2,667	2,632	2,297
Miscellaneous fruits and nuts	147	83	132	114	81
All other crops	26,777	27,992	36,197	37,340	38,573
Maple products	1,744	1,870	2,433	1,616	1,950
Other seeds	440	460	430	425	432
Other field crops	5,793	6,262	7,334	8,299	8,191
Christmas trees	NA	NA	6,000	6,000	6,000
Greenhouse/nursery	18,800	19,400	20,000	21,000	22,000

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Maryland					
All commodities	1,359,062	1,332,571	1,323,189	1,345,320	1,344,680
Livestock and products	823,128	794,748	785,414	820,761	793,487
Meat animals	112,062	108,341	84,417	110,290	77,208
Cattle and calves	77,851	80,287	54,236	79,740	47,700
Hogs	33,310	27,227	29,364	29,307	28,564
Dairy products	203,588	183,040	200,760	186,260	179,196
Milk, wholesale	202,193	183,040	200,760	186,260	179,196
Poultry/eggs	459,878	452,096	459,994	478,238	489,568
Broilers	399,427	384,384	403,920	426,240	432,630
Farm chickens	2,385	1,544	1,686	1,967	1,343
Chicken eggs	56,271	56,739	44,318	39,888	45,227
Other poultry	200	8,000	8,605	8,630	8,888
Miscellaneous livestock	47,600	51,271	40,243	45,973	47,515
All other livestock	47,343	51,000	40,000	45,600	47,157
Crops	535,934	537,823	537,775	524,559	551,193
Food grains	26,564	23,422	35,182	29,904	36,359
Wheat	26,279	23,091	34,918	29,658	36,158
Feed crops	111,900	86,672	89,374	65,114	70,199
Barley	7,411	6,191	5,455	6,105	4,540
Corn	87,410	66,437	69,300	45,006	50,966
Hay	16,387	13,720	14,284	13,831	14,587
Tobacco	18,041	17,658	20,898	20,020	18,530
Oil crops	98,644	93,258	91,878	89,964	94,785
Soybeans	98,644	92,959	91,572	89,755	94,680
Vegetables	84,401	92,225	65,314	63,786	68,049
Potatoes	2,858	3,010	2,220	3,231	2,038
Beans, snap, fresh	NA	NA	2,747	1,749	2,144
Cucumbers, fresh	NA	NA	3,252	2,464	3,101
Spinach	NA	NA	8,859	6,090	1,452
Tomatoes, fresh	13,286	14,421	7,460	7,920	10,143
Miscellaneous vegetables	54,503	63,229	21,817	23,040	29,897
Cantaloups	NA	NA	3,353	3,234	3,825
Watermelons	NA	NA	4,200	4,095	2,117
Fruits and nuts	9,900	14,851	12,288	11,492	9,979
Apples	4,451	6,079	5,362	5,753	5,321
Fresh	3,031	4,755	3,708	4,600	4,347
Processing	1,420	1,324	1,654	1,153	974
Peaches	1,309	3,624	3,136	2,422	1,098
Other berries	3,270	4,273	2,900	2,422	2,660
Miscellaneous fruits and nuts	870	875	890	895	900
All other crops	186,484	209,737	222,841	244,279	253,292
Other seeds	120	125	130	132	134
Other field crops	2,500	12,235	12,700	13,076	15,500
Greenhouse/nursery	182,237	195,850	208,758	229,717	235,953
Floriculture	26,237	28,850	30,758	34,217	31,753
Ornamentals, other	156,000	167,000	178,000	195,500	204,200
Mushrooms	1,627	1,527	1,253	1,354	1,705
Massachusetts					
All commodities	411,736	444,924	460,186	490,598	458,731
Livestock and products	123,572	120,371	125,275	121,097	117,310
Meat animals	13,241	16,033	14,605	15,504	14,597
Cattle and calves	8,633	11,341	11,099	12,238	11,736
Hogs	3,655	3,767	2,541	2,460	1,936

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Dairy products	70,054	64,842	74,450	68,069	65,443
Milk, retail	5,526	5,442	5,442	5,693	5,377
Milk, wholesale	64,528	59,400	69,008	62,376	60,066
Poultry/eggs	24,594	23,855	21,145	22,312	21,702
Chicken eggs	20,563	20,145	17,218	17,338	16,861
Turkeys	3,535	3,230	3,455	4,504	4,543
Other poultry	306	336	298	324	222
Miscellaneous livestock	15,683	15,641	15,075	15,212	15,568
Aquaculture	8,245	8,500	8,020	8,020	8,020
All other livestock	6,917	6,847	6,828	6,783	7,147
Crops	288,164	324,553	334,911	369,501	341,421
Feed crops	5,138	4,748	5,728	5,316	5,464
Hay	5,138	4,748	5,728	5,316	5,464
Tobacco	12,507	13,372	10,936	8,036	7,030
Vegetables	62,784	62,831	55,919	94,173	63,258
Potatoes	4,677	4,185	4,203	4,659	5,184
Corn, sweet	8,528	9,466	7,776	10,800	14,175
Tomatoes	8,760	6,790	6,880	5,640	5,280
Miscellaneous vegetables	40,000	39,000	36,000	72,000	37,650
Fruits and nuts	86,918	123,668	123,362	117,772	118,809
Apples	16,698	17,635	13,573	11,566	11,709
Fresh	15,287	16,299	12,211	10,378	10,772
Processing	1,411	1,336	1,362	1,188	937
Cranberries	62,737	98,405	101,143	97,384	98,420
Other berries	5,409	5,632	6,495	6,742	6,991
Miscellaneous fruits and nuts	1,181	1,231	1,271	1,248	1,239
All other crops	120,817	119,934	138,966	144,204	146,860
Maple products	922	1,483	1,740	1,112	1,300
Other field crops	4,484	1,492	3,953	3,796	3,801
Christmas trees	NA	NA	15,000	15,000	15,000
Greenhouse/nursery	114,551	116,111	117,495	123,436	125,717
Floriculture	35,551	36,111	49,495	54,436	53,717
Ornamentals, other	79,000	80,000	68,000	69,000	72,000
Michigan					
All commodities	3,161,782	3,223,640	3,196,273	3,327,519	3,418,874
Livestock and products	1,416,888	1,287,675	1,309,581	1,368,040	1,409,638
Meat animals	538,923	504,795	456,808	507,135	494,535
Cattle and calves	285,069	284,605	254,426	296,899	306,191
Hogs	249,825	216,234	198,281	206,320	184,067
Sheep and lambs	4,029	3,956	4,101	3,916	4,277
Dairy products	729,731	643,140	716,344	704,931	739,045
Milk, retail	3,581	4,540	5,060	5,391	5,395
Milk, wholesale	726,150	638,600	711,284	699,540	733,650
Poultry/eggs	122,227	113,545	109,961	128,834	148,254
Broilers	1,184	702	996	1,045	1,088
Chicken eggs	68,074	62,587	47,066	53,705	50,823
Other poultry	300	300	300	300	325
Miscellaneous livestock	26,007	26,195	26,468	27,140	27,804
Honey	4,480	4,369	3,811	3,950	4,334
Aquaculture	1,940	2,410	2,410	2,986	2,319
Other livestock	19,187	19,066	19,944	19,916	20,653
Mink pelts	2,117	1,504	1,314	1,261	1,903
All other livestock	17,070	17,562	18,630	18,655	18,750

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Crops	1,744,894	1,935,965	1,886,692	1,959,479	2,009,236
Food grains	83,938	86,474	97,134	76,685	88,627
Wheat	83,327	86,081	96,679	76,263	88,202
Feed crops	439,385	466,356	398,805	420,962	405,215
Barley	3,194	2,481	2,481	2,658	2,430
Corn	344,310	407,864	331,399	353,974	321,593
Hay	82,537	50,585	60,398	60,090	78,485
Oats	9,344	5,426	4,527	4,240	2,707
Oil crops	228,553	269,915	289,236	303,004	335,130
Soybeans	228,553	268,351	288,045	302,083	334,117
Vegetables	360,804	338,650	357,047	408,260	428,729
Beans, dry	116,090	86,818	95,336	109,362	135,779
Potatoes	71,862	73,110	75,167	94,066	101,721
Summer	16,480	18,400	18,270	23,925	19,383
Fall	55,382	54,710	56,897	70,141	82,338
Asparagus	13,940	13,648	15,398	17,155	15,065
Fresh	2,708	3,142	2,384	2,346	2,345
Processing	11,232	10,506	13,014	14,809	12,720
Beans, snap	12,036	11,194	11,799	15,108	13,699
Fresh	NA	NA	2,305	2,436	2,380
Processing	12,036	11,194	9,494	12,672	11,319
Carrots	18,916	19,031	24,086	17,554	24,742
Cauliflower	2,993	2,478	3,865	4,220	3,288
Celery	12,891	12,515	17,547	14,014	14,745
Corn, sweet	12,513	16,345	12,512	13,981	15,300
Cucumbers	23,647	21,888	29,438	31,712	31,930
Fresh	NA	NA	11,662	11,934	10,282
Processing	23,647	21,888	17,776	19,778	21,648
Lettuce	4,616	4,060	2,520	2,070	NA
Onions	15,358	17,959	21,130	34,820	15,847
Peppers, green	NA	NA	7,700	8,243	9,984
Tomatoes	20,069	21,295	23,926	24,277	23,689
Fresh	7,245	8,073	11,340	11,628	13,062
Processing	12,824	13,222	12,586	12,649	10,627
Miscellaneous vegetables	33,000	34,500	8,000	11,000	12,000
Fruits and nuts	174,823	226,724	209,238	203,898	188,099
Apples	69,325	83,845	97,424	91,126	86,748
Fresh	28,921	38,692	49,327	46,537	41,290
Processing	40,404	45,153	48,097	44,589	45,458
Cherries	36,433	66,987	52,808	43,327	49,133
Sweet	6,913	14,097	11,708	18,717	13,497
Tart	29,520	52,890	41,100	24,610	35,636
Grapes	13,372	12,518	10,375	12,393	15,500
Peaches	11,472	8,652	8,631	10,260	1,800
Pears	668	1,363	1,299	1,240	1,255
Plums and prunes	1,778	2,449	2,364	1,710	993
Strawberries	7,215	6,430	7,727	7,637	6,300
Blueberries	NA	NA	27,100	34,650	25,180
Other berries	34,260	44,105	1,060	1,015	925
Miscellaneous fruits and nuts	300	375	450	540	265
All other crops	457,391	547,846	535,232	546,670	563,436
Maple products	NA	NA	2,533	1,913	2,312
Sugar beets	125,088	98,031	112,767	113,808	108,438
Other seeds	490	590	300	295	100
Mint	1,162	1,750	1,404	1,260	897
Other field crops	11,100	8,630	6,650	6,450	6,470
Christmas trees	41,000	55,000	37,000	38,443	40,000
Greenhouse/nursery	258,751	365,833	358,933	369,574	390,900
Floriculture	118,751	125,833	138,933	145,574	160,900
Ornamentals, other	140,000	240,000	220,000	224,000	230,000
Mushrooms	19,800	18,012	15,645	14,927	14,319

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Minnesota					
All commodities	6,888,102	7,272,838	6,801,692	6,334,387	6,522,323
Livestock and products	3,749,508	3,584,757	3,605,695	3,754,554	3,447,255
Meat animals	1,901,749	1,888,903	1,837,179	1,992,194	1,707,530
Cattle and calves	922,201	969,198	963,399	1,045,785	860,650
Hogs	967,161	906,539	856,057	928,483	830,765
Sheep and lambs	12,387	13,166	17,723	17,926	16,115
Dairy products	1,308,119	1,149,315	1,250,305	1,226,240	1,194,086
Milk, wholesale	1,308,119	1,149,315	1,250,305	1,226,240	1,194,086
Poultry/eggs	515,528	521,733	488,590	508,544	516,245
Broilers	63,437	67,650	71,619	80,818	84,524
Chicken eggs	120,160	121,365	95,838	103,193	88,967
Turkeys	289,800	289,872	279,930	285,180	304,776
Other poultry	40,597	42,212	40,205	38,643	37,660
Miscellaneous livestock	24,112	24,806	29,621	27,576	29,394
Honey	6,164	8,845	9,234	7,632	6,984
Other livestock	17,265	15,507	19,855	19,528	21,916
Mink pelts	9,517	7,645	8,256	7,923	10,305
All other livestock	7,748	7,862	11,599	11,605	11,611
Crops	3,138,594	3,688,081	3,195,997	2,579,833	3,075,068
Food grains	283,489	307,892	377,900	317,466	243,356
Rye	1,433	1,136	1,055	1,114	1,336
Wheat	282,056	306,756	376,845	316,352	242,020
Feed crops	1,294,999	1,556,626	1,215,110	896,740	1,050,379
Barley	79,838	74,624	77,312	59,513	51,076
Corn	1,068,749	1,371,677	1,039,532	688,750	902,194
Hay	121,793	94,195	84,602	134,764	88,720
Oats	24,619	16,130	13,664	13,713	8,389
Oil crops	979,473	1,260,887	949,269	858,550	1,076,013
Soybeans	957,517	1,221,398	906,626	804,216	1,015,857
Sunflower	20,892	36,114	40,383	51,743	55,515
Vegetables	216,076	209,816	209,015	161,033	228,913
Beans, dry	28,824	32,235	30,707	27,433	33,047
Potatoes	96,850	86,419	78,916	81,370	95,317
Summer	12,013	10,662	12,951	11,856	11,628
Fall	84,837	75,757	65,965	69,514	83,689
Carrots	3,696	3,472	3,687	1,433	3,800
Corn, sweet	46,968	50,980	42,897	28,194	52,787
Onions	1,119	1,745	3,074	794	2,417
Peas, green	28,035	24,986	36,733	12,775	30,547
Miscellaneous vegetables	5,341	5,340	6,300	4,750	5,000
Fruits and nuts	13,429	12,171	11,696	12,435	9,927
Apples	7,194	9,371	8,896	9,335	6,979
Other berries	5,150	2,800	2,800	3,100	2,948
All other crops	351,128	340,689	433,007	333,609	466,480
Sugar beets	263,963	248,074	327,191	218,570	346,300
Other seeds	2,668	4,900	5,925	6,512	7,909
Other field crops	10,760	9,922	12,025	16,575	14,517
Christmas trees	NA	NA	1,500	1,500	1,500
Greenhouse/nursery	73,571	77,588	85,671	90,052	95,854
Floriculture	41,071	42,588	49,671	50,052	52,354
Ornamentals, other	32,500	35,000	36,000	40,000	43,500

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Mississippi					
All commodities	2,404,865	2,391,670	2,641,482	2,632,254	2,916,359
Livestock and products	1,292,267	1,271,159	1,332,302	1,568,061	1,706,316
Meat animals	304,184	272,492	229,535	271,695	267,078
Cattle and calves	268,202	247,626	207,121	241,722	242,662
Hogs	35,982	24,738	22,343	29,910	24,112
Dairy products	112,549	96,862	106,500	103,600	102,950
Milk, wholesale	111,740	96,360	106,500	103,600	102,950
Poultry/eggs	642,745	689,780	765,236	923,601	1,047,254
Broilers	533,519	579,070	664,814	813,950	921,978
Farm chickens	4,259	3,843	4,010	3,229	2,475
Chicken eggs	104,921	106,786	96,331	105,831	121,705
Other poultry	46	81	81	591	1,096
Miscellaneous livestock	232,789	212,025	231,031	269,165	289,034
Aquaculture	227,400	207,311	223,178	261,360	280,697
Other livestock	4,645	4,181	7,015	7,288	7,840
Crops	1,112,598	1,120,511	1,309,180	1,064,193	1,210,043
Food grains	149,178	96,650	140,071	95,277	160,787
Rice	103,032	82,378	108,282	73,789	140,554
Wheat	46,146	14,272	31,789	21,488	20,233
Feed crops	33,050	44,183	87,496	65,313	90,285
Corn	15,208	21,000	40,671	36,431	55,419
Hay	7,984	12,636	28,904	17,488	24,740
Sorghum grain	9,858	10,547	17,921	11,394	10,126
Cotton	649,576	630,173	687,302	508,091	548,746
Cotton lint, all	574,761	582,186	621,240	450,149	474,625
Upland	574,248	581,898	621,010	449,988	474,625
Cottonseed	74,815	47,987	66,062	57,942	74,121
Oil crops	208,222	264,162	302,048	302,090	308,943
Soybeans	208,222	263,991	301,849	301,967	308,871
Vegetables	32,667	39,592	41,763	41,393	48,575
Sweetpotatoes	3,000	4,148	5,829	8,468	11,792
Miscellaneous vegetables	29,300	35,400	30,620	30,000	32,933
Watermelons	NA	NA	3,096	2,925	3,850
Fruits and nuts	14,385	18,856	6,820	6,740	6,981
Other berries	2,010	3,002	4,520	2,000	6,059
Pecans	2,840	6,400	1,060	3,330	310
Miscellaneous fruits and nuts	9,535	9,454	1,240	1,410	612
All other crops	25,520	26,895	43,680	45,289	45,726
Other seeds	1,000	1,000	750	750	750
Other field crops	3,520	4,895	6,791	6,990	7,705
Christmas trees	NA	NA	5,000	5,200	5,240
Greenhouse/nursery	21,000	21,000	31,139	32,349	32,031
Floriculture	NA	NA	9,139	9,349	7,031
Ornamentals, other	21,000	21,000	22,000	23,000	25,000
Missouri					
All commodities	3,939,986	3,921,062	4,227,639	4,111,941	4,524,209
Livestock and products	2,288,690	2,254,999	2,165,386	2,275,557	2,452,133
Meat animals	1,491,635	1,472,150	1,332,949	1,399,784	1,504,165
Cattle and calves	921,399	929,570	882,145	861,180	991,310
Hogs	565,809	538,604	446,875	534,594	508,783
Sheep and lambs	4,427	3,976	3,929	4,010	4,072

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Dairy products	405,960	333,795	378,430	356,864	352,968
Milk, wholesale	405,960	333,795	378,430	356,864	352,968
Poultry/eggs	373,394	423,586	424,364	489,375	559,229
Broilers	122,951	155,610	184,212	214,452	250,154
Farm chickens	1,120	840	2,631	3,724	4,021
Chicken eggs	72,943	69,611	55,794	62,746	61,811
Turkeys	147,600	163,590	147,630	178,920	205,390
Other poultry	28,780	33,935	34,097	29,533	37,853
Miscellaneous livestock	17,701	25,468	29,643	29,534	35,771
Honey	1,077	1,128	1,186	1,034	1,001
Aquaculture	4,341	4,233	4,561	4,138	4,097
Catfish	2,576	2,101	2,429	2,506	2,533
Trout	1,765	2,132	2,132	1,632	1,564
All other livestock	11,885	19,863	23,572	24,118	30,330
Crops	1,651,296	1,666,063	2,062,253	1,836,384	2,072,076
Food grains	207,189	161,567	224,415	163,984	200,424
Rice	19,602	32,107	36,080	26,669	43,568
Wheat	187,574	129,460	188,335	137,315	156,856
Feed crops	490,434	536,489	679,948	648,150	627,679
Corn	355,693	398,549	496,468	449,582	449,912
Hay	58,550	72,156	96,345	123,597	88,530
Sorghum grain	75,078	65,115	85,898	74,255	88,528
Cotton	114,238	118,432	157,282	123,857	184,211
Cotton lint, all	100,687	107,233	138,136	108,044	161,464
Cottonseed	13,551	11,199	19,146	15,813	22,747
Tobacco	11,482	13,299	7,226	6,337	13,283
Oil crops	711,729	713,091	860,933	764,354	909,307
Soybeans	711,729	712,452	860,543	764,134	909,117
Vegetables	18,380	20,435	20,907	20,708	25,498
Potatoes	5,912	8,600	8,289	8,728	10,231
Miscellaneous vegetables	9,650	9,350	5,430	4,165	4,794
Watermelons	NA	NA	4,234	4,977	6,037
Fruits and nuts	9,806	13,846	12,778	14,480	12,503
Apples	7,165	8,462	7,324	8,689	6,530
Fresh	6,538	7,903	6,908	8,284	6,211
Peaches	210	2,530	2,430	1,800	1,600
Other berries	900	1,400	700	700	750
Miscellaneous fruits and nuts	950	260	1,200	2,350	2,300
All other crops	88,038	88,904	98,764	94,514	99,171
Other seeds	20,200	21,275	27,480	21,520	24,350
Other field crops	6,720	4,180	6,035	4,680	6,315
Christmas trees	3,800	3,800	3,800	3,800	4,000
Greenhouse/nursery	57,318	59,649	61,449	64,514	64,506
Floriculture	31,018	33,049	35,449	38,014	37,506
Ornamentals, other	26,300	26,600	26,000	26,500	27,000
Montana					
All commodities	1,608,598	1,529,876	1,780,799	1,801,742	1,857,217
Livestock and products	848,371	800,959	911,250	948,166	866,784
Meat animals	772,430	733,091	838,865	883,758	792,752
Cattle and calves	709,576	675,377	779,958	818,162	736,792
Hogs	43,975	37,146	33,681	40,503	31,741
Sheep and lambs	18,879	20,568	25,226	25,093	24,219

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
			<i>1,000 dollars</i>		
Dairy products	43,374	38,734	41,695	39,026	40,478
Milk, wholesale	42,607	38,064	41,230	38,570	40,004
Poultry/eggs	9,928	9,161	6,657	6,718	4,459
Chicken eggs	9,747	9,020	6,533	6,563	4,354
Other poultry	65	68	68	68	68
Miscellaneous livestock	22,639	19,973	24,033	18,664	29,095
Honey	4,287	4,510	5,264	5,027	6,372
Wool	5,646	3,729	5,072	2,993	4,379
All other livestock	11,125	10,606	12,457	9,454	16,588
Crops	760,227	728,917	869,549	853,576	990,433
Food grains	439,440	417,690	480,123	561,062	671,231
Wheat	439,440	417,690	480,123	561,062	671,231
Feed crops	224,628	217,584	291,872	195,468	203,877
Barley	149,690	134,379	152,739	86,439	116,444
Corn	774	2,592	4,854	3,805	3,946
Hay	71,809	78,321	131,398	101,124	79,668
Oats	2,355	2,292	2,881	4,100	3,819
Oil crops	NA	6,003	5,013	6,439	8,500
Vegetables	20,258	21,621	18,647	22,824	25,880
Beans, dry	3,314	2,604	2,604	3,722	3,980
Potatoes	16,834	18,901	15,908	18,967	21,750
Miscellaneous vegetables	110	116	135	135	150
Fruits and nuts	370	126	481	312	920
Other berries	75	79	85	85	85
Miscellaneous fruits and nuts	45	47	60	60	65
All other crops	75,531	65,893	73,413	67,471	80,025
Sugar beets	53,568	48,938	55,714	50,968	56,985
Other seeds	6,500	4,406	3,239	2,043	5,380
Other field crops	6,963	3,624	4,460	4,460	6,660
Greenhouse/nursery	8,500	8,925	10,000	10,000	11,000
Nebraska					
All commodities	8,714,137	8,998,209	8,685,012	8,870,838	8,561,321
Livestock and products	6,076,192	5,933,333	5,675,427	5,845,897	5,403,455
Meat animals	5,788,540	5,669,847	5,407,511	5,567,711	5,135,476
Cattle and calves	4,879,882	4,783,085	4,619,794	4,707,491	4,380,941
Hogs	899,524	878,134	778,068	850,302	746,995
Sheep and lambs	9,134	8,628	9,649	9,918	7,540
Dairy products	171,610	144,420	150,570	136,250	138,240
Milk, wholesale	171,610	144,420	150,570	136,250	138,240
Poultry/eggs	72,334	77,382	74,542	99,589	88,524
Broilers	7,222	5,544	5,520	6,141	6,552
Chicken eggs	50,384	57,050	53,310	72,634	60,810
Other poultry	840	850	2,000	3,000	3,100
Miscellaneous livestock	43,708	41,684	42,804	42,347	41,215
Honey	3,238	3,835	3,816	3,079	2,059
All other livestock	39,615	37,400	38,400	38,800	38,700
Crops	2,637,945	3,064,876	3,009,585	3,024,941	3,157,866
Food grains	181,732	219,601	178,359	214,050	222,325
Rye	1,043	1,548	1,537	860	829
Wheat	180,689	218,053	176,822	213,190	221,496

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
			<i>1,000 dollars</i>		
Feed crops	1,803,594	2,176,647	2,149,396	2,073,086	2,055,043
Barley	936	1,482	1,607	1,008	658
Corn	1,521,792	1,879,147	1,857,518	1,776,979	1,765,218
Hay	114,941	92,471	82,265	103,464	106,906
Oats	7,827	7,697	9,662	4,993	6,367
Sorghum grain	158,098	195,850	198,344	186,642	175,894
Oil crops	421,204	480,660	503,859	546,367	668,816
Soybeans	421,204	476,542	498,451	538,560	660,501
Sunflower	NA	4,019	5,288	7,724	8,215
Vegetables	113,226	75,526	70,096	75,552	92,189
Beans, dry	87,819	54,294	47,978	48,842	57,694
Potatoes	20,782	16,332	17,118	19,560	27,195
Summer	4,872	2,035	3,094	4,365	8,166
Fall	15,910	14,297	14,024	15,195	19,029
Miscellaneous vegetables	4,625	4,900	5,000	7,150	7,300
Fruits and nuts	2,400	1,950	1,950	1,800	1,300
Other berries	350	350	350	200	200
Miscellaneous fruits and nuts	2,050	1,600	1,600	1,600	1,100
All other crops	115,789	110,492	105,925	114,086	118,193
Sugar beets	59,789	61,542	54,925	52,586	53,693
Other seeds	5,200	4,950	3,500	3,000	2,500
Other field crops	39,300	32,000	32,500	36,500	40,000
Greenhouse/nursery	11,500	12,000	15,000	22,000	22,000
Nevada					
All commodities	301,267	272,397	267,419	295,700	299,121
Livestock and products	185,875	190,304	194,341	193,114	189,425
Meat animals	140,495	147,484	147,147	146,284	134,580
Cattle and calves	135,205	142,754	142,243	141,431	130,640
Hogs	2,476	2,493	1,879	1,788	1,794
Sheep and lambs	2,814	2,237	3,025	3,065	2,146
Dairy products	42,372	39,904	43,152	42,189	50,750
Milk, wholesale	42,372	39,904	43,152	42,189	50,750
Poultry/eggs	100	80	50	39	52
Miscellaneous livestock	2,908	2,836	3,992	4,602	4,043
Other livestock	1,500	1,760	2,647	3,594	2,813
Crops	115,392	82,093	73,078	102,586	109,696
Food grains	2,458	1,923	2,348	2,450	2,445
Wheat	2,458	1,923	2,348	2,450	2,445
Feed crops	66,997	43,047	39,894	56,767	65,363
Barley	1,416	918	1,002	1,003	751
Hay	65,581	42,129	38,892	55,764	64,612
Oil crops	NA	16	4	NA	NA
Vegetables	25,806	21,397	19,221	33,842	27,451
Potatoes	19,038	14,201	11,154	16,200	14,568
Miscellaneous vegetables	6,768	7,196	8,067	17,642	12,883
Fruits and nuts	6	7	77	86	77
Miscellaneous fruits and nuts	6	7	77	86	77
All other crops	20,125	15,703	11,534	9,441	14,360
Other seeds	17,305	12,225	6,596	4,211	8,880
Other field crops	890	998	995	980	940
Greenhouse/nursery	1,930	2,480	3,943	4,250	4,540

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
New Hampshire					
All commodities	135,975	136,087	151,129	152,431	151,911
Livestock and products	64,930	64,063	67,553	66,156	64,026
Meat animals	7,463	7,958	6,891	9,613	8,218
Cattle and calves	6,095	6,678	5,649	7,908	7,497
Dairy products	44,793	42,568	46,248	43,840	43,120
Milk, wholesale	43,956	42,568	46,248	43,840	43,120
Poultry/eggs	7,479	8,349	9,015	7,234	7,211
Chicken eggs	3,906	4,507	5,460	3,938	3,153
Other poultry	2,977	3,156	2,975	2,684	3,747
Miscellaneous livestock	5,195	5,188	5,399	5,469	5,477
Aquaculture	500	500	756	756	756
All other livestock	4,463	4,507	4,456	4,535	4,561
Crops	71,045	72,024	83,576	86,275	87,885
Feed crops	5,496	4,202	3,899	3,894	3,849
Hay	5,496	4,202	3,899	3,894	3,849
Vegetables	15,640	16,174	17,104	19,847	20,742
Miscellaneous vegetables	15,640	16,174	13,665	15,755	15,750
Fruits and nuts	11,695	13,255	12,743	11,949	12,429
Apples	8,578	10,049	9,046	7,896	8,314
Fresh	7,744	9,046	7,918	6,876	7,504
Other berries	2,767	2,921	3,369	3,723	3,887
Miscellaneous fruits and nuts	350	285	328	330	228
All other crops	38,214	38,393	49,830	50,585	50,865
Maple products	2,123	2,657	3,093	2,343	2,555
Other field crops	3,091	2,736	3,737	3,542	3,310
Christmas trees	NA	NA	9,000	9,000	8,000
Greenhouse/nursery	33,000	33,000	34,000	35,700	37,000
New Jersey					
All commodities	648,812	653,176	645,346	699,685	768,405
Livestock and products	195,665	192,577	192,205	197,309	182,564
Meat animals	17,343	17,039	17,383	18,926	13,754
Cattle	14,721	14,620	15,460	16,206	11,355
Hogs	1,641	1,288	1,142	1,820	1,479
Dairy products	53,244	48,860	48,576	48,465	46,644
Milk, wholesale	53,244	48,860	48,576	48,465	46,644
Poultry/eggs	34,962	37,555	32,670	36,598	29,886
Chicken eggs	31,308	33,961	30,042	33,313	26,684
Turkeys	1,926	1,393	1,383	1,685	1,734
Other poultry	1,385	1,769	960	1,384	1,324
Miscellaneous livestock	90,116	89,123	93,576	93,320	92,280
All other livestock	89,779	88,767	93,360	93,037	92,023
Crops	453,147	460,599	453,141	502,376	585,841
Food grains	3,956	3,406	4,589	4,455	4,704
Wheat	3,549	2,910	3,864	3,901	4,150
Feed crops	23,653	21,131	19,550	17,797	17,591
Corn	13,746	13,665	11,636	10,799	10,885
Hay	9,138	6,858	7,365	6,606	6,404
Oil crops	22,299	23,312	22,217	24,361	25,627
Soybeans	22,299	23,291	22,198	24,346	25,607

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
			<i>1,000 dollars</i>		
Vegetables	115,163	125,410	139,452	160,236	194,823
Potatoes	8,988	5,472	4,779	3,781	3,646
Sweetpotatoes	3,690	3,539	3,377	3,069	2,527
Asparagus	2,176	1,822	2,530	2,323	1,764
Beans, snap, fresh	4,640	2,749	4,010	6,759	4,182
Corn, sweet, fresh	10,448	11,718	11,826	15,884	12,929
Cucumbers, fresh	4,060	3,891	8,536	7,909	8,260
Eggplant, all	2,188	3,269	3,240	4,646	5,280
Escarole	2,968	2,508	2,843	3,269	2,640
Kale/collards	NA	NA	NA	NA	3,455
Kale	NA	NA	NA	NA	1,435
Collards	NA	NA	NA	NA	2,020
Lettuce	3,985	7,578	7,183	10,922	15,869
Head	NA	4,828	4,342	8,402	12,449
Romaine	NA	2,750	2,841	2,520	3,420
Peppers, green, fresh	10,886	11,160	13,603	21,794	44,975
Spinach	4,399	4,650	4,302	4,878	5,288
Tomatoes, fresh	16,733	12,480	21,420	18,896	28,863
Squash	NA	10,232	10,444	11,318	10,002
Winter	NA	2,112	1,820	2,835	1,770
Summer	NA	8,120	8,624	8,483	8,232
Miscellaneous vegetables	23,030	25,745	28,759	29,680	30,186
Miscellaneous vegetables	23,030	22,790	25,101	26,987	26,617
Pumpkins	NA	2,955	3,658	2,693	3,569
Fruits and nuts	56,863	79,250	80,720	83,200	83,994
Apples	5,011	9,718	7,388	11,771	9,568
Fresh	2,845	6,804	5,166	9,818	7,435
Processing	2,166	2,914	2,222	1,953	2,133
Peaches	15,324	27,324	25,500	25,288	22,685
Cranberries	14,535	15,598	23,326	18,219	26,432
Strawberries	1,838	1,273	1,685	1,539	759
Blueberries	19,435	24,235	21,820	25,005	23,205
Other berries	220	530	530	530	357
Miscellaneous fruits and nuts	500	572	471	848	988
All other crops	231,213	208,090	186,613	212,327	259,102
Other field crops	2,126	3,829	4,666	4,051	4,836
Greenhouse/nursery	228,787	204,009	181,755	208,084	254,074
Floriculture	64,228	61,678	65,569	81,200	89,591
Ornamentals, other	164,559	142,331	116,186	126,884	164,483
New Mexico					
All commodities	1,499,634	1,454,298	1,471,729	1,536,797	1,523,959
Livestock and products	1,017,659	1,030,644	1,025,172	1,123,329	1,098,886
Meat animals	769,339	775,488	723,796	779,797	674,001
Cattle and calves	756,736	762,936	709,526	763,886	661,626
Hogs	4,059	4,417	3,880	4,894	3,731
Sheep and lambs	8,544	8,135	10,390	11,017	8,644
Dairy products	212,009	220,994	269,554	310,767	393,882
Milk, retail	9,535	7,814	10,670	10,428	11,526
Milk, wholesale	202,474	213,180	258,884	300,339	382,356
Poultry/eggs	17,550	17,699	14,716	16,769	15,077
Chicken eggs	17,452	17,617	14,645	16,693	14,950
Other poultry	40	40	40	40	40
Miscellaneous livestock	18,761	16,463	17,106	15,996	15,926
Wool	4,732	2,685	3,490	2,151	2,737
Other livestock	12,500	12,500	12,500	12,750	12,000
Crops	481,975	423,654	446,557	413,468	425,073
Food grains	19,603	20,904	32,741	21,588	18,308
Wheat	19,603	20,904	32,741	21,588	18,308

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
			<i>1,000 dollars</i>		
Feed crops	142,651	99,195	105,735	118,496	123,528
Corn	18,486	18,787	19,718	23,462	26,679
Hay	114,224	66,723	64,331	73,421	81,738
Sorghum grain	9,871	13,685	21,686	21,613	15,111
Cotton	54,231	34,457	24,690	36,799	32,271
Cotton lint, all	49,193	32,196	22,342	33,014	29,030
Upland	32,196	22,005	13,613	21,623	20,051
Long staple	16,997	10,191	8,729	11,391	8,979
Cottonseed	5,038	2,261	2,348	3,785	3,241
Oil crops	23,400	16,188	19,178	19,304	17,474
Peanuts	23,400	16,089	18,985	18,988	17,358
Vegetables	136,743	156,540	157,135	144,813	145,334
Beans, dry	7,752	5,186	5,818	5,956	5,908
Potatoes	26,311	18,975	20,897	19,010	25,640
Summer	26,311	18,975	5,596	6,960	6,582
Fall	NA	NA	15,301	12,050	19,058
Lettuce, head	4,319	12,083	8,711	7,128	7,182
Onions	28,547	44,538	38,080	40,392	34,486
Peppers, chili	53,564	59,219	67,379	56,077	55,868
Miscellaneous vegetables	16,250	16,250	16,250	16,250	16,250
Fruits and nuts	54,847	44,980	53,275	24,897	34,252
Apples	1,217	520	2,535	1,757	1,752
Other berries	40	40	40	40	40
Pecans	52,020	42,920	49,200	21,600	30,960
Miscellaneous fruits and nuts	1,570	1,500	1,500	1,500	1,500
All other crops	50,500	51,390	53,803	47,571	53,906
Other seeds	2,000	2,000	2,000	2,000	2,000
Other field crops	8,500	8,390	8,390	8,390	9,000
Christmas trees	NA	NA	NA	NA	1,674
Greenhouse/nursery	40,000	41,000	43,413	37,181	41,232
Floriculture	NA	NA	25,413	19,181	23,232
Ornamentals, other	40,000	41,000	18,000	18,000	18,000
New York					
All commodities	2,862,196	2,745,191	2,810,284	2,859,586	2,857,581
Livestock and products	1,958,395	1,778,197	1,893,268	1,881,510	1,887,025
Meat animals	195,714	208,050	209,179	254,407	238,257
Cattle and calves	174,886	191,157	194,733	237,212	225,785
Hogs	18,692	14,529	12,018	13,820	9,194
Sheep and lambs	2,136	2,364	2,428	3,375	3,278
Dairy products	1,590,542	1,399,140	1,527,273	1,463,554	1,499,002
Milk, retail	9,070	8,363	8,651	8,074	8,205
Milk, wholesale	1,581,472	1,390,777	1,518,622	1,455,480	1,490,797
Poultry/eggs	77,947	74,467	67,249	71,221	75,266
Broilers	3,643	2,835	1,369	1,530	1,904
Chicken eggs	55,331	52,640	46,713	52,000	50,002
Turkeys	4,530	4,387	4,268	4,505	5,300
Ducks	7,952	7,920	8,736	8,493	8,874
Other poultry	5,563	6,117	5,306	4,105	8,822
Miscellaneous livestock	94,192	96,540	89,567	92,328	74,500
Honey	2,843	2,960	2,818	2,539	3,006
Other livestock	90,193	92,606	85,625	88,897	70,457
Mink pelts	1,892	979	942	904	1,306
All other livestock	88,301	91,627	84,683	87,993	69,151
Crops	903,801	966,994	917,016	978,076	970,556
Food grains	17,708	15,307	17,982	12,894	18,978
Wheat	17,274	14,875	17,501	12,521	18,608

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Feed crops	144,969	152,069	147,382	144,898	160,761
Corn	66,539	76,536	67,800	70,355	80,197
Hay	72,429	70,106	74,528	71,573	78,296
Oats	6,001	5,427	5,054	2,970	2,268
Oil crops	7,508	8,010	8,124	11,668	14,252
Soybeans	7,508	7,886	7,875	11,407	13,940
Vegetables	298,592	342,457	262,647	363,691	326,657
Beans, dry	12,745	10,624	7,882	8,767	10,280
Potatoes	56,234	60,900	57,829	55,259	74,217
Upstate NY	40,440	46,621	43,955	40,325	59,709
Long Island	15,794	14,279	13,874	14,934	14,508
Beans, snap	21,029	24,019	12,041	19,602	23,986
Fresh	8,138	10,014	4,366	8,840	13,572
Processing	12,891	14,005	7,675	10,762	10,414
Beets, processing	2,219	1,642	1,785	3,110	2,630
Cabbage	43,338	59,601	33,747	47,109	45,360
Fresh	43,338	59,601	NA	NA	NA
Long Island	NA	NA	4,779	4,729	2,640
New York	NA	NA	27,603	38,803	40,284
Processing	NA	NA	1,365	3,577	2,436
Carrots	3,745	7,558	7,807	4,360	5,287
Cauliflower	5,811	5,477	5,545	7,560	7,834
New York, Long Island	2,819	2,496	1,780	2,664	3,946
New York, Upstate	2,992	2,981	3,765	4,896	3,888
Celery	1,523	2,940	5,441	2,435	NA
Corn, sweet	34,309	36,526	30,692	39,544	44,463
Fresh	24,380	28,230	19,647	23,265	30,988
Processing	9,929	8,296	11,045	16,279	13,475
Cucumbers, fresh	5,191	7,951	8,901	6,667	6,306
Lettuce, head	8,112	6,965	7,782	3,972	3,896
Onions	42,374	53,340	32,906	103,210	40,914
Peas, green	5,139	4,995	5,887	5,555	7,047
Tomatoes, fresh	16,397	14,591	6,846	9,936	14,760
Miscellaneous vegetables	36,400	43,400	35,000	44,800	37,800
Fruits and nuts	178,197	209,457	193,801	170,356	170,233
Apples	109,423	125,228	130,985	106,067	105,063
Fresh	74,401	84,420	85,580	68,551	69,177
Processing	35,022	40,808	45,405	37,516	35,886
Cherries	3,285	12,561	4,513	2,165	2,404
Tart	2,765	11,480	4,015	1,570	1,707
Grapes	41,172	48,789	37,584	26,510	40,493
Peaches	3,781	3,702	3,595	2,660	1,757
Pears	3,687	3,981	4,734	4,019	4,848
Strawberries	13,114	11,081	8,346	22,032	11,648
Other berries	2,415	1,955	1,100	3,457	1,584
Miscellaneous fruits and nuts	1,320	2,160	1,800	1,800	1,680
All other crops	256,827	239,694	287,080	274,569	279,675
Maple products	5,901	7,176	9,360	3,366	5,597
Other seeds	797	478	172	1,376	743
Other field crops	758	857	522	672	209
Christmas trees	NA	NA	11,200	11,900	12,600
Greenhouse/nursery	248,288	228,777	261,839	254,390	258,977
Floriculture	126,133	112,730	136,508	127,806	127,330
Ornamentals, other	122,155	116,047	125,331	126,584	131,647
Mushrooms	1,083	2,406	3,987	2,865	1,549
North Carolina					
All commodities	5,230,320	5,263,032	5,561,549	6,019,322	6,369,139
Livestock and products	2,645,733	2,622,934	2,784,229	3,189,973	3,332,514
Meat animals	781,013	848,995	899,858	1,102,652	1,154,166
Cattle and calves	165,640	183,423	168,607	171,990	173,131
Hogs	615,149	665,286	730,814	930,022	980,475

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
			<i>1,000 dollars</i>		
Dairy products	234,788	204,267	218,854	211,248	210,532
Milk, wholesale	234,788	204,267	218,854	211,248	210,532
Poultry/eggs	1,577,307	1,516,882	1,612,303	1,822,114	1,911,483
Broilers	803,966	777,003	855,729	1,004,000	1,061,775
Farm chickens	12,439	10,582	13,281	13,289	10,350
Chicken eggs	209,277	199,701	180,047	195,193	196,858
Turkeys	452,400	431,346	475,416	519,232	544,800
Other poultry	99,225	98,250	87,830	90,400	97,700
Miscellaneous livestock	52,625	52,790	53,214	53,959	56,333
Aquaculture	6,054	6,236	6,714	7,279	5,414
Catfish	1,154	1,636	1,436	1,495	1,382
Trout	4,900	4,600	5,278	5,784	4,032
All other livestock	45,730	45,750	45,800	45,800	49,900
Crops	2,584,587	2,640,098	2,777,320	2,829,349	3,036,625
Food grains	63,134	47,224	82,660	70,069	93,660
Wheat	62,628	46,593	82,165	69,012	92,729
Feed crops	207,532	160,121	195,300	152,769	170,837
Barley	1,183	2,023	2,674	1,725	1,721
Corn	193,204	145,373	177,990	139,177	154,548
Hay	7,170	9,236	9,998	8,202	10,310
Oats	2,245	964	2,893	2,163	2,284
Sorghum grain	3,730	2,525	1,745	1,502	1,974
Cotton	77,831	136,125	144,133	132,762	214,761
Cotton lint, all	73,239	130,613	136,957	125,762	202,836
Cottonseed	4,592	5,512	7,176	7,000	11,925
Tobacco	1,051,602	1,054,666	1,049,524	1,029,927	942,931
Oil crops	370,953	314,312	329,831	290,471	345,300
Peanuts	165,984	126,506	126,164	94,968	133,988
Soybeans	204,969	187,429	203,467	195,466	211,301
Vegetables	217,916	245,702	197,421	233,801	266,063
Potatoes	18,581	22,938	15,029	17,923	23,576
Spring	17,317	21,090	13,649	17,077	22,644
Summer	1,264	1,848	1,380	846	932
Sweetpotatoes	51,285	40,759	40,522	42,192	50,535
Beans, snap, fresh	NA	NA	6,272	5,824	7,221
Cabbage	NA	NA	7,920	8,586	9,500
Corn, sweet	5,928	5,133	4,802	5,678	5,233
Cucumbers	23,163	23,870	19,633	23,207	27,308
Fresh	NA	NA	2,604	2,668	2,508
Processing	23,163	23,870	17,029	20,539	24,800
Peppers, green	NA	NA	4,326	4,000	4,736
Tomatoes, fresh	5,719	4,597	4,848	4,746	6,065
Miscellaneous vegetables	113,090	148,078	89,500	115,000	125,000
Watermelons	NA	NA	4,294	6,273	6,210
Fruits and nuts	40,059	53,040	41,291	46,232	55,643
Apples	22,703	23,854	17,882	17,529	21,576
Fresh	10,955	11,418	7,015	7,808	10,744
Processing	11,748	12,436	10,867	9,721	10,832
Grapes	800	1,344	1,014	1,064	1,020
Peaches	2,700	5,986	2,352	6,029	7,168
Strawberries	6,426	7,030	7,303	6,556	9,376
Blueberries	6,655	9,431	9,545	13,354	13,878
Other berries	300	350	325	350	385
Pecans	425	4,975	2,825	1,300	2,185
Miscellaneous fruits and nuts	50	70	45	50	55

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
All other crops	555,560	628,908	737,160	873,318	947,430
Other seeds	600	550	650	700	750
Other field crops	3,000	3,082	4,000	3,800	5,000
Christmas trees	NA	NA	NA	73,473	90,000
Greenhouse/nursery	551,767	624,986	732,235	795,113	851,222
Floriculture	71,767	74,986	82,235	85,113	81,222
Ornamentals, other	480,000	550,000	650,000	710,000	770,000
North Dakota					
All commodities	2,373,183	2,505,684	2,889,633	2,948,826	2,934,691
Livestock and products	643,803	625,847	650,006	600,407	627,314
Meat animals	482,171	476,100	493,219	455,662	479,805
Cattle and calves	431,388	429,351	444,773	402,198	433,232
Hogs	45,247	39,546	39,533	43,712	38,065
Sheep and lambs	5,536	7,203	8,913	9,752	8,508
Dairy products	130,625	114,695	118,080	107,400	102,480
Milk, wholesale	130,625	114,695	118,080	107,400	102,480
Poultry/eggs	11,950	12,110	10,953	10,805	11,320
Chicken eggs	2,346	1,800	1,401	2,784	1,530
Turkeys	8,501	9,421	8,619	6,843	8,712
Other poultry	384	331	442	545	459
Miscellaneous livestock	19,057	22,942	27,754	26,540	33,709
Honey	9,381	11,958	11,575	10,296	14,918
All other livestock	8,614	10,233	15,094	15,551	18,005
Crops	1,729,380	1,879,837	2,239,627	2,348,419	2,307,377
Food grains	791,509	921,528	1,181,820	1,464,870	1,237,108
Rye	1,103	1,288	1,800	1,668	1,191
Wheat	790,406	920,240	1,180,020	1,463,202	1,235,917
Feed crops	342,211	336,774	379,999	315,358	340,606
Barley	225,059	200,642	237,280	174,885	202,136
Corn	68,658	82,351	78,987	49,809	61,787
Hay	33,056	36,535	43,545	69,189	55,411
Oats	15,438	17,246	20,187	21,475	21,272
Oil crops	240,874	268,047	288,732	219,810	295,479
Soybeans	75,754	88,581	98,991	76,090	82,233
Sunflower	149,699	159,085	169,447	126,131	182,925
Vegetables	180,993	178,204	197,466	182,509	213,523
Beans, dry	93,543	70,815	87,883	79,554	81,962
Potatoes	85,450	105,389	108,083	100,955	129,336
Miscellaneous vegetables	2,000	2,000	1,500	2,000	2,225
Fruits and nuts	140	140	100	100	100
Other berries	65	65	70	70	70
Miscellaneous fruits and nuts	75	75	30	30	30
All other crops	173,653	175,144	191,510	165,772	220,561
Sugar beets	134,371	141,293	155,848	127,903	175,579
Other seeds	314	201	604	521	379
Other field crops	12,819	6,501	7,862	10,122	17,402
Christmas trees	149	149	196	226	201
Greenhouse/nursery	26,000	27,000	27,000	27,000	27,000
Ohio					
All commodities	4,384,582	4,114,971	4,109,655	4,490,584	4,475,151
Livestock and products	1,806,238	1,651,544	1,549,650	1,655,651	1,577,349
Meat animals	803,964	720,370	609,392	707,214	578,731
Cattle and calves	347,892	295,433	279,970	351,434	286,216

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Hogs	448,991	415,360	321,508	346,097	280,827
Sheep and lambs	7,081	9,577	7,914	9,683	11,688
Dairy products	643,848	592,455	625,110	596,050	597,835
Milk, wholesale	643,848	592,455	625,110	596,050	597,835
Poultry/eggs	330,155	311,321	280,494	318,160	369,456
Broilers	26,141	30,263	30,428	35,698	57,098
Farm chickens	2,225	1,038	2,652	1,996	544
Chicken eggs	229,850	211,370	170,296	203,423	229,052
Turkeys	52,611	50,580	58,102	58,638	63,504
Other poultry	19,328	18,070	19,016	18,405	19,258
Miscellaneous livestock	28,271	27,398	34,654	34,227	31,327
Honey	1,692	1,845	752	1,307	1,020
Other livestock	25,871	25,085	33,384	32,483	29,731
Mink pelts	2,252	1,777	1,612	1,547	1,971
All other livestock	23,619	23,308	31,772	30,936	27,760
Crops	2,578,344	2,463,427	2,560,005	2,834,933	2,897,802
Food grains	201,045	161,396	181,530	145,873	209,732
Wheat	200,720	161,103	181,211	145,548	209,349
Feed crops	898,634	815,248	831,358	1,023,422	884,440
Corn	790,237	739,591	733,275	929,240	800,990
Hay	96,938	70,800	90,279	88,477	79,006
Oats	11,459	4,857	7,804	5,705	4,444
Tobacco	30,881	37,053	42,169	38,913	32,943
Oil crops	772,105	744,393	791,663	885,948	1,029,194
Soybeans	772,105	743,291	791,094	885,466	1,028,614
Vegetables	143,923	163,534	133,670	159,409	149,181
Potatoes	11,532	12,003	17,535	19,455	20,218
Summer	NA	NA	8,807	10,326	11,035
Fall	11,532	12,003	8,728	9,129	9,183
Beans, snap, fresh	NA	NA	1,818	2,164	2,839
Celery	1,262	1,479	756	1,089	536
Corn, sweet, fresh	17,618	16,417	11,457	22,005	19,198
Cucumbers	10,454	10,984	10,184	7,879	9,785
Escarole	NA	NA	1,305	2,622	3,542
Lettuce	NA	4,738	6,875	6,541	4,655
Romaine	NA	NA	2,367	3,247	2,167
Leaf	NA	NA	4,508	3,294	2,488
Onions	2,029	2,301	1,831	2,462	1,751
Peppers, green	NA	NA	1,683	3,155	3,422
Tomatoes	45,366	57,515	39,960	50,378	46,517
Fresh	12,083	26,240	13,995	29,535	21,777
Processing	33,283	31,275	25,965	20,843	24,740
Miscellaneous vegetables	53,570	56,330	33,071	31,442	28,487
Fruits and nuts	29,660	36,946	36,868	26,609	28,091
Apples	16,518	23,775	19,842	13,315	16,560
Fresh	14,689	21,839	17,965	11,552	15,268
Processing	1,829	1,936	1,877	1,763	1,292
Grapes	2,343	2,498	2,732	1,710	1,629
Peaches	2,090	2,320	2,812	2,450	NA
Strawberries	5,538	4,480	7,140	4,736	4,880
Other berries	2,502	3,204	3,673	3,729	4,437
Miscellaneous fruits and nuts	669	669	669	669	585
All other crops	502,096	504,857	542,747	554,759	564,221
Maple products	NA	NA	1,590	2,228	2,331
Sugar beets	12,674	12,077	13,382	8,650	9,847
Other seeds	419	419	419	337	216

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Other field crops	31,749	29,921	26,625	36,150	37,750
Christmas trees	NA	NA	14,875	14,875	14,875
Greenhouse/nursery	443,043	448,369	470,796	476,351	483,412
Floriculture	119,835	126,883	143,427	148,982	155,412
Ornamentals, other	323,208	321,486	327,369	327,369	328,000
Oklahoma					
All commodities	3,598,418	3,806,291	3,636,446	3,949,327	3,864,455
Livestock and products	2,397,169	2,752,831	2,517,975	2,808,023	2,699,805
Meat animals	1,886,065	2,263,702	1,994,514	2,237,157	2,090,531
Cattle and calves	1,825,982	2,211,378	1,944,819	2,168,875	1,998,804
Hogs	57,325	49,039	44,673	63,854	87,217
Sheep and lambs	2,758	3,285	5,022	4,428	4,510
Dairy products	174,460	152,400	166,455	166,562	167,580
Milk, wholesale	174,460	152,400	166,455	166,562	167,580
Poultry/eggs	280,973	279,390	302,184	350,207	398,238
Broilers	181,021	189,453	203,878	239,688	303,582
Farm chickens	2,318	2,301	2,294	2,926	2,833
Chicken eggs	73,141	69,167	69,840	73,333	57,311
Other poultry	5,100	6,100	15,000	22,500	22,500
Miscellaneous livestock	55,671	57,339	54,822	54,097	43,456
Aquaculture	2,235	1,954	1,183	494	358
All other livestock	52,000	53,900	52,600	52,700	41,900
Crops	1,201,249	1,053,460	1,118,471	1,141,304	1,164,650
Food grains	484,872	415,426	457,291	454,659	451,110
Rye	705	1,106	1,335	1,385	2,244
Wheat	484,167	414,320	455,956	453,274	448,866
Feed crops	119,666	92,841	132,970	136,976	145,438
Corn	18,951	22,017	31,529	36,146	35,706
Hay	61,864	47,654	66,267	66,194	79,342
Oats	1,653	857	1,025	814	942
Sorghum grain	35,989	21,963	33,717	33,289	28,990
Cotton	123,595	84,217	68,692	82,130	87,793
Cotton lint, all	108,550	74,307	60,831	71,000	76,623
Cottonseed	15,045	9,910	7,861	11,130	11,170
Oil crops	129,632	98,498	108,203	98,248	126,575
Peanuts	99,070	69,483	76,522	61,198	80,910
Soybeans	30,562	28,876	31,397	36,723	45,317
Vegetables	39,154	40,364	41,113	51,577	51,237
Miscellaneous vegetables	39,100	39,500	34,500	40,000	40,000
Watermelons	NA	NA	4,054	6,490	3,825
Fruits and nuts	8,511	26,106	16,289	17,494	17,918
Peaches	2,795	8,022	1,459	5,104	6,136
Other berries	950	4,310	4,650	4,800	2,100
Pecans	4,566	13,524	9,930	7,340	9,432
Miscellaneous fruits and nuts	200	250	250	250	250
All other crops	295,819	296,008	293,913	300,220	284,579
Other seeds	9,500	9,500	5,000	7,000	1,950
Other field crops	2,770	2,275	2,335	4,050	1,510
Greenhouse/nursery	273,000	273,000	274,213	275,356	265,977
Floriculture	NA	NA	14,213	15,356	15,977
Ornamentals, other	273,000	273,000	260,000	260,000	250,000

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Oregon					
All commodities	2,395,149	2,549,154	2,466,535	2,557,447	2,651,530
Livestock and products	784,147	806,074	766,090	747,982	725,970
Meat animals	418,966	451,555	386,868	400,765	372,473
Cattle and calves	388,211	422,449	360,019	372,719	346,252
Hogs	17,138	14,135	11,882	12,925	10,200
Sheep and lambs	13,617	14,971	14,967	15,121	16,021
Dairy products	213,011	203,610	225,642	214,577	218,897
Milk, retail	12,767	12,558	12,767	12,977	14,651
Milk, wholesale	200,244	191,052	212,875	201,600	204,246
Poultry/eggs	104,406	106,210	112,679	93,990	91,765
Broilers	34,141	34,253	37,440	33,418	33,325
Chicken eggs	41,728	42,646	43,790	44,306	46,197
Turkeys	18,354	14,805	17,784	3,923	117
Other poultry	10,043	14,397	13,518	12,193	11,983
Miscellaneous livestock	47,764	44,699	40,901	38,650	42,835
Honey	1,383	1,443	1,478	1,989	1,723
Wool	1,664	1,022	1,321	863	1,246
Other livestock	43,163	41,642	37,510	34,783	38,896
Mink pelts	6,356	5,225	4,682	4,725	7,031
All other livestock	36,807	36,417	32,828	30,058	31,865
Crops	1,611,002	1,743,080	1,700,445	1,809,465	1,925,560
Food grains	153,803	175,610	173,330	185,510	206,376
Wheat	153,790	175,610	173,330	185,510	206,376
Feed crops	150,918	200,977	182,787	210,209	258,371
Barley	18,945	25,244	21,437	14,595	21,393
Corn	6,366	5,214	4,508	5,920	7,222
Hay	119,391	165,301	150,426	185,692	223,937
Oats	6,216	5,218	6,416	4,002	5,819
Oil crops	NA	687	912	1,292	2,210
Vegetables	342,424	321,809	328,384	415,533	384,809
Beans, dry	3,170	3,789	2,713	3,382	4,184
Potatoes	123,500	103,736	91,350	121,733	127,794
Fall	11,773	11,420	13,279	22,070	20,522
Other	111,727	92,316	78,071	99,663	107,272
Beans, snap	27,402	25,381	24,762	22,975	24,877
Broccoli	6,293	5,275	5,677	4,230	6,313
Carrots	8,570	8,375	12,601	8,324	7,547
Cauliflower	9,654	8,635	9,453	8,521	8,371
Corn, sweet	39,339	38,784	37,962	37,871	40,063
Fresh	5,440	5,148	6,100	5,591	4,435
Processing	33,899	33,636	31,862	32,280	35,628
Onions	69,130	73,755	87,895	149,115	107,471
Storage	54,633	60,993	65,540	118,410	74,610
Storage-West	14,497	12,762	22,355	30,705	32,861
Peas, green	10,995	14,454	8,472	12,345	12,664
Miscellaneous vegetables	36,855	32,649	38,090	35,322	39,958
Fruits and nuts	202,657	236,355	254,507	219,102	232,621
Apples	14,278	24,509	20,181	19,324	19,669
Fresh	11,063	20,315	16,279	16,703	17,849
Processing	3,215	4,194	3,902	2,621	1,820
Cherries	26,720	35,814	47,520	30,775	29,015
Sweet	25,752	33,600	45,131	30,349	27,830
Tart	968	2,214	2,389	426	1,185
Grapes	5,460	8,064	9,717	9,840	9,126
Peaches	4,342	4,624	4,511	2,648	4,327

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Pears	58,567	63,430	66,740	56,785	53,287
Bartlett	20,238	19,058	19,601	16,355	17,668
Other	38,329	44,372	47,139	40,430	35,619
Plums and prunes	2,641	845	3,208	662	1,982
Cranberries	9,498	9,582	13,968	7,254	15,345
Strawberries	30,388	31,416	21,105	26,972	30,825
Blueberries	6,950	8,115	12,010	7,953	9,070
Blackberries	15,397	18,750	19,284	9,539	14,222
Other berries	30	48	48	75	50
Filberts	16,835	18,368	15,180	25,826	16,740
Miscellaneous fruits and nuts	1,394	632	1,248	1,455	1,236
All other crops	761,200	807,642	760,525	777,819	841,173
Sugar beets	18,446	19,268	14,617	14,917	18,486
Alfalfa	8,548	7,739	5,375	6,209	6,794
Bentgrass	16,712	17,057	12,062	10,074	9,552
Bluegrass-Kentucky	13,266	11,325	11,013	12,462	11,287
Crimson clover	3,896	3,814	4,104	2,323	2,477
Fescue	64,713	64,518	43,309	46,212	38,038
Chewing	6,832	5,774	6,849	4,391	4,842
Hard	NA	NA	NA	1,704	2,964
Red	2,710	2,922	3,305	3,012	2,165
Tall	55,171	55,822	33,155	37,105	28,067
Orchardgrass	7,975	6,901	8,865	9,593	11,887
Red clover	5,617	5,146	7,088	4,904	3,660
Ryegrass	90,333	86,989	92,025	105,201	133,898
Other seeds	23,199	23,910	28,863	27,782	26,086
Hops	17,707	17,397	21,849	23,108	26,891
Mint	52,631	46,720	51,121	39,156	52,654
Peppermint	50,370	44,080	48,571	37,066	50,750
Spearmint	2,261	2,640	2,550	2,090	1,904
Other field crops	15,928	22,794	19,038	24,988	20,276
Christmas trees	65,208	67,651	70,733	70,271	72,251
Greenhouse/nursery	334,904	382,976	345,056	352,460	375,946
Floriculture	49,220	53,727	51,095	60,042	66,135
Ornamentals, other	285,684	329,249	293,961	292,418	309,811
Pennsylvania					
All commodities	3,725,068	3,485,932	3,666,741	3,806,940	3,755,276
Livestock and products	2,697,783	2,464,194	2,558,609	2,620,005	2,612,013
Meat animals	625,612	603,958	565,605	664,524	597,141
Cattle and calves	442,167	451,303	436,768	511,944	459,688
Hogs	180,023	148,177	124,213	147,123	131,238
Sheep and lambs	3,422	4,478	4,624	5,457	6,215
Dairy products	1,507,490	1,339,649	1,485,229	1,410,209	1,444,940
Milk, retail	59,540	59,777	64,093	64,047	62,860
Milk, wholesale	1,447,950	1,279,872	1,421,136	1,346,162	1,382,080
Poultry/eggs	516,791	470,351	461,032	500,600	526,199
Broilers	187,272	174,013	183,142	183,145	199,828
Farm chickens	7,391	5,105	6,086	6,464	3,300
Chicken eggs	252,947	222,300	197,090	239,785	238,339
Turkeys	69,126	68,880	74,659	71,156	84,672
Other poultry	55	53	55	50	60
Miscellaneous livestock	47,890	50,236	46,743	44,672	43,733
Aquaculture	6,140	4,161	4,314	4,482	5,417
Other livestock	40,693	44,610	41,265	39,252	37,254
Mink pelts	2,433	4,360	1,815	1,742	2,094
All other livestock	38,260	40,250	39,450	37,510	35,160
Crops	1,027,285	1,021,738	1,108,132	1,186,935	1,143,263
Food grains	23,435	19,765	27,410	22,743	24,833
Wheat	22,828	19,420	26,580	22,304	24,449

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Feed crops	176,360	182,207	232,795	286,150	248,735
Barley	1,938	4,170	6,640	7,449	6,247
Corn	85,235	84,323	119,120	170,293	137,363
Hay	83,552	88,709	98,718	102,795	101,947
Oats	5,635	5,005	8,317	5,613	3,178
Tobacco	36,297	29,274	27,233	24,413	21,392
Oil crops	51,273	50,651	56,098	64,865	69,381
Soybeans	51,273	50,507	55,816	64,545	69,022
Vegetables	97,320	76,027	98,154	97,674	99,337
Potatoes	39,375	30,696	28,992	32,303	31,907
Beans, snap	5,281	2,054	3,447	3,377	4,125
Corn, sweet	17,182	15,018	21,323	19,770	20,966
Fresh	16,234	14,366	20,572	18,814	19,972
Tomatoes	15,466	10,104	17,815	14,832	16,506
Fresh	12,159	7,534	15,065	13,223	14,440
Processing	3,307	2,570	2,750	1,609	2,066
Miscellaneous vegetables	18,200	17,600	18,000	19,000	19,000
Cantaloups	NA	NA	2,150	2,100	2,438
Fruits and nuts	90,843	111,131	97,770	94,521	73,963
Apples	38,042	54,315	45,688	46,261	40,880
Fresh	17,085	27,798	19,680	20,794	18,986
Processing	20,957	26,517	26,008	25,467	21,894
Cherries	1,012	7,068	3,299	3,513	4,041
Sweet	81	1,530	1,653	1,562	1,656
Tart	931	5,538	1,646	1,951	2,385
Grapes	15,098	17,864	14,652	11,365	14,557
Peaches	21,993	18,119	20,071	19,925	NA
Pears	1,033	1,860	1,970	1,925	2,200
Strawberries	7,665	6,405	6,490	5,832	5,985
Other berries	3,000	2,800	2,800	2,700	2,800
Miscellaneous fruits and nuts	3,000	2,700	2,800	3,000	3,500
All other crops	551,757	552,683	568,672	596,569	605,622
Other seeds	600	620	650	620	600
Other field crops	3,000	2,600	2,700	2,600	3,000
Greenhouse/nursery	287,142	293,375	304,926	315,885	313,559
Floriculture	97,142	100,375	104,926	105,885	108,559
Ornamentals, other	190,000	193,000	200,000	210,000	205,000
Mushrooms	261,015	256,088	258,059	276,500	287,100
Rhode Island					
All commodities	70,228	69,425	74,503	80,461	80,748
Livestock and products	13,748	12,502	13,786	13,804	12,287
Meat animals	1,774	1,816	1,641	1,697	1,622
Cattle and calves	1,127	1,194	1,134	997	1,013
Dairy products	5,377	4,476	4,554	4,370	4,368
Milk, wholesale	4,470	4,476	4,554	4,370	4,368
Poultry/eggs	5,200	4,819	4,989	4,923	4,777
Chicken eggs	4,505	4,125	4,323	4,333	4,350
Other poultry	652	660	651	558	415
Miscellaneous livestock	1,397	1,391	2,602	2,814	1,520
Aquaculture	200	200	239	239	239
Other livestock	1,165	1,145	2,306	2,532	1,265
Crops	56,480	56,923	60,717	66,657	68,461
Feed crops	692	498	501	462	449

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Vegetables	6,358	5,874	5,553	6,408	6,578
Potatoes	1,833	1,653	1,808	1,633	1,585
Miscellaneous vegetables	4,525	4,221	2,528	2,801	2,760
Fruits and nuts	2,679	2,792	3,093	3,395	3,339
Apples	1,439	1,261	1,307	1,583	1,476
Other berries	1,015	1,256	1,374	1,374	1,411
Miscellaneous fruits and nuts	225	275	412	438	452
All other crops	46,751	47,759	51,570	56,392	58,095
Other field crops	7,751	7,759	9,445	10,077	10,145
Christmas trees	NA	NA	875	940	950
Greenhouse/nursery	39,000	40,000	41,250	45,375	47,000
South Carolina					
All commodities	1,190,231	1,204,815	1,201,439	1,249,116	1,361,759
Livestock and products	602,936	531,570	536,562	600,225	614,890
Meat animals	255,526	194,360	176,493	205,111	184,855
Cattle and calves	167,579	116,393	112,583	132,957	124,178
Hogs	87,947	77,943	63,898	72,143	60,567
Dairy products	72,003	55,073	61,036	59,887	60,781
Milk, retail	3,256	3,349	2,344	2,377	1,981
Milk, wholesale	68,747	51,724	58,692	57,510	58,800
Poultry/eggs	264,207	270,229	286,879	323,386	355,137
Broilers	107,969	116,475	136,317	169,752	206,080
Farm chickens	1,423	1,538	2,731	2,345	1,792
Chicken eggs	82,950	77,982	69,094	69,442	70,389
Turkeys	63,745	65,934	70,637	74,172	69,136
Other poultry	8,120	8,300	8,100	7,675	7,740
Miscellaneous livestock	11,200	11,908	12,154	11,841	14,117
Aquaculture	2,381	1,984	799	616	1,974
Other livestock	8,480	9,400	10,760	10,630	11,315
Crops	587,295	673,245	664,877	648,891	746,869
Food grains	45,347	23,051	40,688	30,455	52,265
Wheat	44,434	22,007	39,627	29,797	51,280
Feed crops	50,212	44,642	54,563	34,439	50,670
Corn	40,570	34,432	44,786	26,589	36,639
Hay	6,921	8,939	7,112	6,036	10,299
Oats	1,212	790	1,670	1,001	2,233
Cotton	52,825	74,933	74,561	63,370	103,847
Cotton lint, all	48,858	70,720	69,933	58,600	97,062
Cottonseed	3,967	4,213	4,628	4,770	6,785
Tobacco	174,416	190,553	190,448	185,612	171,687
Oil crops	89,447	93,761	90,426	74,600	77,132
Peanuts	11,982	9,979	9,425	6,983	9,933
Soybeans	77,465	83,336	80,655	67,248	66,549
Vegetables	62,626	102,940	53,248	86,530	88,221
Sweetpotatoes	3,329	3,507	2,938	2,391	2,340
Beans, snap, fresh	NA	NA	1,727	1,140	2,310
Cucumbers, fresh	NA	NA	1,490	3,318	4,520
Tomatoes, fresh	28,024	58,300	22,450	40,320	35,700
Miscellaneous vegetables	20,851	33,570	15,562	27,320	32,490
Watermelons	NA	NA	4,343	4,200	4,800

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Fruits and nuts	29,587	53,410	35,773	39,838	50,078
Apples	4,202	3,646	9,901	6,814	7,424
Fresh	2,834	1,810	7,364	4,774	5,534
Processing	1,368	1,836	2,537	2,040	1,890
Peaches	23,075	42,480	23,550	27,570	35,640
Other berries	1,479	2,381	1,104	1,700	2,000
Pecans	526	4,601	351	2,234	3,470
Miscellaneous fruits and nuts	NA	NA	344	811	1,050
All other crops	82,835	89,955	125,170	134,047	152,969
Other seeds	1,015	1,176	1,169	1,400	2,500
Other field crops	813	772	772	2,202	2,800
Christmas trees	NA	NA	2,850	2,700	3,000
Ornamentals, other	81,007	88,007	105,000	112,000	123,000
South Dakota					
All commodities	2,962,501	3,144,618	3,110,969	3,200,009	3,342,603
Livestock and products	1,994,455	1,879,679	1,766,575	1,963,826	1,644,066
Meat animals	1,696,546	1,597,427	1,481,110	1,679,999	1,366,540
Cattle and calves	1,260,744	1,172,624	1,102,265	1,290,897	1,020,978
Hogs	409,037	396,845	346,693	354,576	314,539
Sheep and lambs	26,765	27,958	32,152	34,526	31,023
Dairy products	221,130	200,860	210,816	207,174	201,728
Milk, wholesale	221,130	200,860	210,816	207,174	201,728
Poultry/eggs	52,499	56,948	51,119	51,307	47,001
Chicken eggs	17,400	22,976	16,846	19,874	14,490
Turkeys	28,735	29,160	29,694	26,910	27,270
Other poultry	5,129	3,698	3,353	3,522	4,238
Miscellaneous livestock	24,280	24,444	23,530	25,346	28,797
Honey	9,923	12,272	10,812	12,485	13,260
Wool	4,254	3,069	3,686	2,552	3,349
Other livestock	10,103	9,103	9,032	10,309	12,188
Mink pelts	1,762	1,606	1,885	1,809	2,332
All other livestock	8,341	7,497	7,147	8,500	9,856
Crops	968,046	1,264,939	1,344,394	1,236,183	1,698,537
Food grains	261,825	336,492	340,830	376,846	349,696
Rye	3,357	2,225	2,458	2,760	2,400
Wheat	258,468	334,267	338,372	374,086	347,296
Feed crops	355,457	510,264	588,265	529,119	649,952
Barley	22,614	27,608	31,209	21,695	22,200
Corn	233,761	382,721	418,417	330,254	462,015
Hay	37,073	66,297	93,022	136,639	124,566
Oats	47,613	15,818	26,554	20,942	20,534
Sorghum grain	14,396	17,820	19,063	19,589	20,637
Oil crops	301,128	357,175	371,437	287,377	595,881
Flaxseed	2,029	2,251	820	1,761	887
Soybeans	267,879	312,917	314,441	218,501	443,605
Sunflower	31,220	41,249	54,270	65,986	149,745
Vegetables	10,987	9,163	7,353	6,291	7,990
Potatoes	9,154	8,280	6,428	4,964	6,305
Miscellaneous vegetables	1,833	883	925	1,327	1,685
Fruits and nuts	161	161	175	158	150
Other berries	80	80	56	68	52
Miscellaneous fruits and nuts	81	81	119	90	98

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
All other crops	38,488	51,684	36,334	36,392	94,868
Other seeds	8,280	7,544	4,912	4,791	4,403
Other field crops	19,903	32,302	17,835	17,551	75,925
Greenhouse/nursery	10,220	11,785	13,551	14,050	14,540
Tennessee					
All commodities	1,994,719	1,911,147	2,090,890	2,025,569	2,151,724
Livestock and products	1,048,396	1,009,431	998,888	961,601	981,979
Meat animals	595,187	586,446	542,515	482,326	491,514
Cattle and calves	456,570	472,284	440,709	378,894	411,234
Hogs	138,247	113,768	101,609	102,859	79,936
Dairy products	281,058	239,141	260,820	250,240	264,550
Milk, wholesale	279,300	239,141	260,820	250,240	264,550
Poultry/eggs	147,641	159,782	166,228	199,793	196,799
Broilers	130,812	140,444	152,685	182,061	181,071
Chicken eggs	16,204	18,763	12,925	16,985	15,300
Miscellaneous livestock	24,510	24,062	29,325	29,242	29,116
All other livestock	22,750	22,680	27,900	27,900	27,900
Crops	946,323	901,716	1,092,002	1,063,968	1,169,745
Food grains	48,749	21,035	39,997	38,945	46,983
Wheat	48,749	21,035	39,997	38,945	46,983
Feed crops	99,433	97,836	143,901	137,908	138,796
Corn	66,831	67,584	114,448	108,288	109,360
Hay	25,775	22,700	22,217	22,494	23,630
Sorghum grain	6,827	7,552	7,236	7,126	5,806
Cotton	196,811	173,228	247,901	183,087	248,480
Cotton lint, all	176,152	156,085	219,553	162,601	218,284
Cottonseed	20,659	17,143	28,348	20,486	30,196
Tobacco	186,379	209,638	246,389	266,089	247,968
Oil crops	192,142	181,087	184,317	190,939	226,301
Soybeans	192,142	180,468	184,098	190,903	226,292
Vegetables	47,990	48,321	47,738	53,726	65,074
Beans, snap	2,047	1,992	8,349	9,904	12,692
Fresh	NA	NA	6,733	8,359	11,583
Processing	2,047	1,992	1,616	1,545	1,109
Tomatoes	20,640	17,766	15,120	19,008	24,219
Miscellaneous vegetables	25,303	28,563	24,269	24,814	28,163
Fruits and nuts	9,276	10,394	10,049	10,537	7,398
Apples	1,523	1,801	2,184	2,552	1,755
Peaches	407	1,740	1,451	2,888	646
Other berries	6,656	6,156	5,731	4,238	3,948
Miscellaneous fruits and nuts	690	697	538	687	876
All other crops	165,543	160,177	171,710	182,737	188,745
Other seeds	543	560	239	209	236
Other field crops	7,504	4,292	5,585	5,510	5,600
Greenhouse/nursery	135,540	133,646	144,754	154,239	157,804
Floriculture	25,040	26,646	27,254	30,396	31,704
Ornamentals, other	110,500	107,000	117,500	123,843	126,100

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Texas					
All commodities	11,812,889	12,107,408	11,471,113	12,662,294	12,552,238
Livestock and products	7,756,022	7,798,857	7,526,845	8,170,224	8,228,052
Meat animals	6,015,070	6,193,393	5,792,846	6,339,512	6,138,837
Cattle and calves	5,855,497	6,033,774	5,644,620	6,188,563	5,997,637
Hogs	90,501	95,155	78,508	89,367	77,358
Sheep and lambs	69,072	64,464	69,718	61,582	63,842
Dairy products	813,763	683,260	764,617	780,710	830,800
Milk, retail	5,116	NA	8,651	NA	NA
Milk, wholesale	808,647	683,260	755,966	780,710	830,800
Poultry/eggs	801,757	787,903	816,621	897,788	950,176
Broilers	508,841	508,939	553,784	608,700	659,453
Farm chickens	2,288	2,285	1,330	2,179	2,948
Chicken eggs	212,012	203,038	181,755	202,541	198,147
Other poultry	1,000	1,000	1,000	1,000	1,000
Miscellaneous livestock	125,432	134,301	152,761	152,214	308,239
Honey	5,534	5,897	5,525	4,391	3,735
Mohair	13,775	19,388	12,354	11,197	30,602
Wool	19,662	13,861	16,896	11,050	15,582
Aquaculture	5,860	2,555	2,386	1,576	3,720
All other livestock	80,600	92,600	115,600	124,000	254,600
Crops	4,056,867	4,308,551	3,944,268	4,492,070	4,324,186
Food grains	468,912	371,368	515,496	414,473	404,104
Rice	152,553	149,421	158,179	79,481	173,644
Wheat	316,134	221,568	356,748	334,258	229,432
Feed crops	757,509	952,251	1,038,829	977,250	1,080,791
Corn	310,799	422,382	475,806	447,698	629,509
Hay	122,515	115,706	130,211	130,016	123,329
Oats	7,929	4,651	4,190	7,438	4,270
Sorghum grain	315,028	409,266	428,299	391,514	323,149
Cotton	1,452,035	1,633,956	951,502	1,622,010	1,350,778
Cotton lint, all	1,264,988	1,505,831	827,012	1,414,351	1,158,935
Upland	1,214,613	1,471,558	811,875	1,378,557	1,137,460
Long staple	50,375	34,273	15,137	35,794	21,475
Cottonseed	187,047	128,125	124,490	207,659	191,843
Oil crops	271,405	220,240	247,063	194,439	216,313
Peanuts	224,018	191,100	182,960	162,852	172,587
Soybeans	42,078	26,006	58,045	26,210	39,577
Sunflower	5,309	3,114	5,961	5,122	4,040
Vegetables	373,075	409,267	351,004	390,994	391,920
Potatoes	46,785	28,690	30,839	30,433	35,380
Spring	12,650	6,850	6,355	10,626	13,420
Summer	34,135	21,840	24,484	19,807	21,960
Sweetpotatoes	7,101	10,791	10,560	17,074	11,866
Broccoli	6,255	6,251	8,259	4,067	4,281
Cabbage, fresh	35,880	31,460	44,496	46,851	30,666
Carrots	7,322	14,331	13,799	13,718	12,839
Celery	2,576	7,409	5,363	12,463	6,916
Corn, sweet	2,232	2,940	2,608	3,150	1,555
Cucumbers	16,285	15,783	18,522	14,296	19,938
Fresh	7,118	6,444	4,444	2,736	3,630
Processing	9,167	9,339	14,078	11,560	16,308
Onions	57,299	72,619	64,921	90,306	64,813
Spring	42,840	54,091	55,301	72,522	50,333
Summer, nonstorage	14,459	18,528	9,620	17,784	14,480
Peppers, green, fresh	28,050	21,870	34,853	23,200	29,753

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Spinach	7,205	5,832	11,693	11,428	8,880
Fresh	7,205	5,832	6,688	5,376	2,829
Processing	NA	NA	5,005	6,052	6,051
Tomatoes, fresh	3,042	2,075	2,191	1,105	1,793
Miscellaneous vegetables	14,445	18,496	4,732	4,308	22,918
Cantaloups	43,524	65,828	32,895	37,306	52,348
Honeydews	17,145	20,215	17,856	17,888	14,760
Watermelons	47,588	72,038	35,964	50,400	60,060
Fruits and nuts	81,368	80,417	102,720	83,272	67,531
Grapefruit	690	1,014	2,331	17,835	7,568
Fresh pink seedless	553	1,014	2,304	16,307	6,071
Oranges	1,290	300	1,697	4,712	2,581
Naval, fresh, early and mid	272	300	1,548	4,026	1,989
Peaches	7,175	8,772	7,696	8,136	5,811
Pecans	69,000	66,000	87,300	48,000	48,800
Miscellaneous fruits and nuts	3,213	4,331	3,696	4,589	2,771
All other crops	652,563	641,052	737,654	809,632	812,749
Sugar beets	37,832	20,600	28,911	25,513	15,407
Cane for sugar	23,845	27,750	33,731	37,126	34,237
Sorghum Sudan crosses	5,000	6,000	4,000	3,000	5,000
Other seeds	28	17	21	88	91
Other field crops	2,000	1,080	2,350	950	703
Christmas trees	NA	NA	9,000	12,000	10,000
Greenhouse/nursery	556,000	556,000	628,000	700,880	719,000
Floriculture	125,702	139,351	157,656	181,171	174,732
Ornamentals, other	430,298	416,649	470,344	519,709	544,268
Utah					
All commodities	744,417	724,793	766,137	831,399	818,862
Livestock and products	569,376	549,606	572,604	613,708	597,573
Meat animals	296,962	301,682	288,294	324,755	302,323
Cattle and calves	276,303	283,178	268,701	301,883	281,294
Hogs	5,110	4,931	4,435	5,654	4,752
Sheep and lambs	15,549	13,573	15,158	17,218	16,277
Dairy products	164,763	148,580	169,532	165,065	181,930
Milk, retail	9,963	12,535	13,814	12,726	13,786
Milk, wholesale	154,800	136,045	155,718	152,339	168,144
Poultry/eggs	71,481	69,544	63,824	70,566	59,456
Chicken eggs	24,320	23,895	21,774	23,655	18,378
Turkeys	46,798	45,158	41,344	46,046	40,049
Other poultry	263	403	610	720	834
Miscellaneous livestock	36,170	29,800	50,954	53,322	53,864
Honey	974	842	1,527	1,224	1,370
Wool	3,401	2,418	3,414	2,240	2,690
Other livestock	28,283	24,581	42,931	46,878	47,464
Mink pelts	17,340	14,540	16,145	15,494	20,460
All other livestock	10,943	10,041	26,786	31,384	27,004
Crops	175,041	175,187	193,533	217,691	221,289
Food grains	18,632	17,253	20,596	21,585	25,249
Wheat	18,632	17,253	20,596	21,585	25,249
Feed crops	81,996	69,362	80,691	104,543	104,538
Barley	12,181	14,709	15,009	18,247	14,327
Corn	4,891	5,342	5,822	5,510	5,796
Hay	64,285	48,844	59,239	79,745	83,632
Oil crops	NA	702	714	1,110	1,200

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Vegetables	29,981	30,330	35,263	35,338	31,857
Potatoes	8,614	8,550	8,376	8,254	8,608
Onions	6,141	6,349	7,670	9,914	6,253
Miscellaneous vegetables	13,736	13,320	17,063	14,643	14,447
Fruits and nuts	11,493	24,053	15,854	11,085	12,275
Apples	4,342	9,235	7,094	6,117	5,268
Fresh	4,126	7,618	6,252	5,517	4,655
Cherries	2,777	12,283	5,909	2,109	4,296
Sweet	871	700	1,709	1,149	2,030
Tart	1,906	11,583	4,200	960	2,266
Peaches	2,760	850	1,364	1,392	1,518
Other berries	177	358	348	471	343
Miscellaneous fruits and nuts	263	285	349	310	296
All other crops	32,939	33,487	40,415	44,030	46,170
Other seeds	1,236	1,570	1,442	1,302	1,252
Other field crops	1,432	721	669	640	387
Christmas trees	NA	NA	134	137	140
Greenhouse/nursery	25,220	26,000	32,754	35,546	36,842
Floriculture	NA	NA	20,707	23,499	24,795
Ornamentals, other	25,220	26,000	12,047	12,047	12,047
Vermont					
All commodities	466,380	438,654	479,268	489,196	480,548
Livestock and products	399,803	365,108	386,170	401,866	389,778
Meat animals	54,042	46,687	34,504	60,199	50,693
Cattle and calves	51,757	44,413	32,346	58,002	49,087
Sheep and lambs	1,553	1,315	1,207	997	1,211
Dairy products	337,334	309,886	343,198	332,850	330,582
Milk, retail	1,814	1,786	1,786	1,870	1,870
Milk, wholesale	335,520	308,100	341,412	330,980	328,712
Poultry/eggs	3,295	3,199	3,191	3,450	2,567
Chicken eggs	2,738	2,550	2,532	2,600	1,655
Other poultry	530	629	639	820	901
Miscellaneous livestock	5,132	5,336	5,277	5,367	5,936
Aquaculture	200	300	331	331	331
Other livestock	4,466	4,601	4,595	4,607	5,246
Crops	66,577	73,546	93,098	87,330	90,770
Feed crops	12,075	12,414	16,150	14,713	12,392
Hay	12,075	12,414	16,150	14,713	12,392
Vegetables	9,116	9,140	9,874	10,250	12,788
Miscellaneous vegetables	9,116	9,140	8,363	8,261	11,072
Fruits and nuts	11,007	13,125	10,398	9,573	9,908
Apples	8,571	10,486	7,043	5,504	6,268
Fresh	7,884	9,662	6,180	4,908	5,742
Other berries	2,396	2,587	3,297	4,014	3,600
Miscellaneous fruits and nuts	40	52	58	55	40
All other crops	34,379	38,867	56,676	52,794	55,682
Maple products	9,938	11,440	12,711	7,440	10,571
Other field crops	4,441	4,427	5,365	4,754	5,511
Christmas trees	NA	NA	13,600	13,600	11,600
Greenhouse/nursery	20,000	23,000	25,000	27,000	28,000

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Virginia					
All commodities	2,138,145	2,088,566	2,120,384	2,094,682	2,159,252
Livestock and products	1,369,188	1,338,486	1,340,873	1,397,674	1,386,195
Meat animals	492,305	477,547	416,814	424,695	371,044
Cattle and calves	394,630	387,203	336,371	339,302	294,499
Hogs	92,330	84,965	74,036	78,838	71,008
Sheep and lambs	5,345	5,379	6,407	6,555	5,537
Dairy products	297,300	269,325	291,888	276,500	272,272
Milk, wholesale	297,300	269,325	291,888	276,500	272,272
Poultry/eggs	503,212	516,917	555,473	618,058	664,352
Broilers	295,319	305,087	330,145	370,986	397,880
Farm chickens	1,387	1,539	2,497	2,273	2,321
Chicken eggs	67,817	66,855	63,252	65,437	69,546
Turkeys	123,318	122,934	137,879	157,080	171,864
Other poultry	15,371	20,502	21,700	22,282	22,741
Miscellaneous livestock	76,371	74,697	76,698	78,421	78,527
Aquaculture	1,873	2,301	2,475	2,075	2,203
All other livestock	73,665	71,838	73,592	75,711	75,690
Crops	768,957	750,080	779,511	697,008	773,057
Food grains	33,635	28,822	45,757	39,091	44,061
Wheat	33,283	28,432	45,348	38,863	43,719
Feed crops	94,580	82,698	105,109	82,182	85,968
Barley	9,161	7,290	9,561	7,742	6,305
Corn	53,902	47,510	66,630	44,920	52,458
Hay	31,504	27,898	28,918	29,520	27,205
Cotton	1,828	5,614	7,722	9,365	20,975
Cotton lint, all	1,604	5,191	6,986	8,464	18,839
Tobacco	182,793	197,171	189,667	180,807	168,590
Oil crops	204,014	172,893	161,586	131,189	161,897
Peanuts	102,582	86,938	81,476	53,580	80,075
Soybeans	101,432	85,875	79,982	77,506	81,756
Vegetables	113,674	100,188	104,230	85,520	119,550
Potatoes	17,895	21,495	16,799	19,504	20,469
Beans, snap, fresh	NA	NA	3,300	3,213	5,869
Corn, sweet, fresh	2,111	2,333	2,548	1,625	2,397
Cucumbers, fresh	NA	NA	15,184	4,390	9,127
Peppers, green	NA	NA	2,842	3,430	4,914
Tomatoes, fresh	43,206	33,149	40,672	34,170	47,583
Miscellaneous vegetables	47,094	39,969	13,230	9,261	14,553
Fruits and nuts	32,707	53,515	46,881	43,669	41,647
Apples	24,243	40,228	32,887	27,791	26,626
Fresh	11,786	21,995	13,072	10,516	10,060
Processing	12,457	18,233	19,815	17,275	16,566
Peaches	725	4,578	3,858	4,005	2,486
Other berries	1,702	1,799	1,882	2,014	2,070
Miscellaneous fruits and nuts	6,037	6,910	8,254	9,859	10,465
All other crops	105,726	109,179	118,559	125,185	130,369
Other field crops	611	658	1,331	1,452	1,512
Greenhouse/nursery	104,532	108,177	117,181	123,642	128,706
Floriculture	38,903	40,364	44,387	47,820	51,470
Ornamentals, other	65,629	67,813	72,794	75,822	77,236

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Washington					
All commodities	3,738,463	4,228,986	4,344,485	4,632,786	4,720,482
Livestock and products	1,387,427	1,368,573	1,460,946	1,558,111	1,608,651
Meat animals	601,672	610,723	607,681	706,231	696,420
Cattle and calves	588,251	600,960	598,036	696,456	687,535
Hogs	10,106	6,802	6,912	5,966	5,489
Sheep and lambs	3,315	2,961	2,733	3,809	3,396
Dairy products	599,294	557,943	645,710	635,005	677,191
Milk, retail	40,428	46,623	49,730	50,140	57,191
Milk, wholesale	558,866	511,320	595,980	584,865	620,000
Poultry/eggs	132,854	136,284	144,578	154,506	172,429
Broilers	50,866	54,132	58,374	61,200	70,140
Chicken eggs	79,472	78,233	68,948	74,628	83,403
Other poultry	2,250	3,690	16,982	18,419	18,612
Miscellaneous livestock	53,607	63,623	62,977	62,369	62,611
Honey	2,200	2,035	2,042	1,647	2,009
Aquaculture	4,764	5,027	5,027	5,889	4,760
Other livestock	46,295	56,315	55,589	54,563	55,593
Mink pelts	4,396	3,635	3,373	3,502	3,502
All other livestock	41,899	52,680	52,216	51,061	52,091
Crops	2,351,036	2,860,413	2,883,539	3,074,675	3,111,831
Food grains	356,350	420,317	436,442	481,296	537,410
Wheat	356,350	420,317	436,442	481,296	537,410
Feed crops	243,208	260,145	245,908	267,744	261,655
Barley	52,522	68,256	39,370	39,174	26,880
Corn	33,119	33,360	32,888	33,687	39,422
Hay	155,327	156,119	171,125	192,481	193,630
Oats	2,240	2,410	2,525	2,402	1,723
Oil crops	NA	2,257	1,716	1,831	3,692
Vegetables	609,890	599,545	571,615	753,906	785,698
Beans, dry	21,775	18,798	16,220	17,272	18,284
Peas, dry	24,502	21,460	15,650	20,660	16,966
Dry, edible	19,384	17,513	13,760	16,934	12,681
Wrinkled seed	5,118	3,947	1,890	3,726	4,285
Lentils (beans)	13,804	16,380	17,995	17,490	12,341
Potatoes	333,601	298,028	288,244	407,272	436,710
Asparagus	54,916	56,932	59,040	55,790	56,304
Fresh	19,544	28,072	28,644	25,806	24,304
Processing	35,372	28,860	30,396	29,984	32,000
Carrots	15,001	17,882	27,143	23,409	25,440
Corn, sweet	39,469	42,655	41,461	47,697	53,053
Fresh	3,188	3,120	3,931	4,998	4,234
Processing	36,281	39,535	37,530	42,699	48,819
Lettuce, head	7,728	3,650	4,061	3,188	3,432
Onions	26,603	40,632	28,499	80,906	50,368
Summer, nonstorage	5,141	7,098	6,474	7,020	9,204
Storage	21,462	33,534	22,025	73,886	41,164
Peas, green	23,878	29,403	22,645	22,115	33,805
Miscellaneous vegetables	43,070	48,630	43,960	49,720	67,850
Fruits and nuts	777,913	1,173,737	1,149,827	1,062,863	1,007,467
Apples	489,480	895,417	824,910	703,048	686,147
Fresh	422,088	789,287	720,426	635,222	634,307
Processing	67,392	106,130	104,484	67,826	51,840
Apricots	4,291	5,099	5,070	6,280	4,989
Cherries	63,760	55,108	77,711	97,521	91,150
Sweet	62,602	51,580	74,895	94,036	88,700
Tart	1,158	3,528	2,816	3,485	2,450

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Grapes	56,877	54,688	66,747	89,929	57,600
Peaches	13,498	6,351	10,732	10,145	8,953
Pears	111,692	115,098	115,086	102,714	92,768
Bartlett	43,812	43,212	46,236	43,831	39,367
Other	67,880	71,886	68,850	58,883	53,401
Plums and prunes	2,322	2,304	1,784	1,527	1,281
Cranberries	6,944	7,458	7,615	6,371	9,393
Strawberries	6,446	5,248	4,856	5,946	5,456
Blueberries	3,720	3,652	5,771	3,409	4,182
Raspberries	10,532	16,449	22,005	28,126	39,423
Other berries	785	744	1,076	1,030	845
Miscellaneous fruits and nuts	7,390	5,970	6,340	6,680	5,190
All other crops	363,675	404,412	478,031	507,035	515,909
Alfalfa	18,573	14,416	10,560	11,400	10,735
Bluegrass-Kentucky	7,600	7,728	11,303	15,729	12,864
Other seeds	1,890	1,914	2,784	2,940	3,456
Hops	60,396	89,965	98,223	101,220	96,775
Mint	41,981	38,360	50,857	43,000	43,202
Peppermint	19,355	15,035	19,264	20,238	25,974
Spearmint	22,626	23,325	31,593	22,762	17,228
Other field crops	70,000	61,000	51,000	52,500	55,000
Christmas trees	NA	NA	37,000	42,000	42,000
Greenhouse/nursery	153,300	180,728	204,575	225,115	238,496
Floriculture	52,652	67,765	71,182	68,765	68,496
Ornamentals, other	100,648	112,963	133,393	156,350	170,000
West Virginia					
All commodities	318,077	318,158	330,113	404,574	402,749
Livestock and products	253,764	246,399	251,178	323,457	328,548
Meat animals	117,839	106,890	107,591	127,615	87,819
Cattle and calves	108,064	97,295	99,398	119,988	80,089
Hogs	7,078	7,242	5,554	4,886	4,822
Sheep and lambs	2,697	2,353	2,639	2,741	2,908
Dairy products	38,878	33,678	38,146	37,068	37,744
Milk, wholesale	37,180	31,980	36,448	35,370	36,046
Poultry/eggs	91,280	100,261	98,980	152,338	197,029
Broilers	52,193	54,895	55,780	99,891	128,774
Chicken eggs	10,833	15,805	13,433	19,524	23,767
Turkeys	27,928	29,135	29,290	32,164	43,747
Other poultry	7	7	7	7	7
Miscellaneous livestock	5,767	5,570	6,461	6,436	5,956
All other livestock	4,805	4,913	5,225	5,475	4,750
Crops	64,313	71,759	78,935	81,117	74,201
Food grains	777	1,102	1,560	1,390	1,534
Wheat	777	1,102	1,560	1,390	1,534
Feed crops	16,446	15,991	17,861	20,553	19,459
Corn	5,050	5,214	6,887	8,472	7,213
Hay	11,328	10,694	10,547	11,807	11,951
Tobacco	4,746	6,088	6,529	6,480	6,529
Oil crops	NA	12	6	NA	NA
Vegetables	3,570	3,642	5,800	6,400	5,700
Miscellaneous vegetables	3,570	3,642	5,800	6,400	5,700

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Fruits and nuts	20,981	26,526	28,130	27,273	20,458
Apples	13,426	17,692	18,303	17,679	13,828
Fresh	6,774	8,134	6,343	6,418	5,769
Processing	6,652	9,558	11,960	11,261	8,059
Peaches	803	1,865	2,843	2,442	NA
Other berries	215	221	225	235	240
Miscellaneous fruits and nuts	6,537	6,748	6,759	6,917	6,390
All other crops	17,793	18,398	19,049	19,021	20,521
Other field crops	1,720	1,813	2,480	2,000	3,000
Greenhouse/nursery	16,000	16,500	16,500	17,000	17,500
Wisconsin					
All commodities	5,682,154	5,410,735	5,669,898	5,395,090	5,384,188
Livestock and products	4,538,659	4,098,536	4,280,065	4,100,840	3,944,868
Meat animals	1,115,112	1,073,772	973,956	975,235	851,815
Cattle and calves	868,527	839,046	767,583	737,547	647,847
Hogs	242,344	230,548	201,124	232,178	199,003
Sheep and lambs	4,241	4,178	5,249	5,510	4,965
Dairy products	3,212,986	2,815,538	3,097,803	2,906,048	2,873,682
Milk, wholesale	3,212,056	2,814,664	3,097,189	2,905,406	2,872,998
Poultry/eggs	171,261	174,557	174,189	185,693	185,230
Broilers	19,404	20,311	22,770	26,208	24,690
Chicken eggs	45,576	40,320	29,431	32,117	30,169
Other poultry	31,295	33,228	39,080	39,153	41,542
Miscellaneous livestock	39,300	34,669	34,117	33,864	34,141
Honey	4,788	4,127	4,019	4,838	2,929
Aquaculture	1,908	1,423	1,548	1,838	1,276
Other livestock	32,382	28,982	28,332	27,006	29,721
Mink pelts	21,810	19,541	17,286	16,771	19,471
All other livestock	10,572	9,441	11,046	10,235	10,250
Crops	1,143,495	1,312,199	1,389,833	1,294,250	1,439,320
Food grains	27,214	18,610	11,074	13,183	25,461
Wheat	26,546	17,902	10,542	12,710	23,931
Feed crops	381,436	530,044	599,177	521,636	541,766
Barley	313	4,669	7,149	5,583	6,381
Corn	275,084	443,241	488,440	389,274	436,825
Hay	92,900	70,623	88,728	113,089	88,962
Oats	13,139	11,511	14,860	13,690	9,598
Tobacco	20,019	22,980	22,224	19,070	10,352
Oil crops	84,516	105,866	121,768	127,148	166,463
Soybeans	84,516	105,169	120,976	126,387	165,246
Vegetables	388,887	374,190	353,515	328,884	392,109
Beans, dry	3,624	4,530	4,943	5,688	5,408
Potatoes	141,278	107,560	109,399	120,116	139,555
Beans, snap	42,977	43,147	29,869	34,182	40,068
Beets	NA	NA	1,667	2,145	2,818
Cabbage	NA	NA	17,600	6,804	8,909
Fresh	NA	NA	14,252	5,772	5,119
Processing	NA	NA	3,348	1,032	3,790
Carrots	11,580	7,282	8,686	6,153	8,394
Corn, sweet	53,318	65,213	48,370	38,739	66,667
Processing	53,318	65,213	48,370	38,739	62,509
Cucumbers	10,171	10,412	7,750	11,309	10,032
Onions	2,813	4,566	3,118	8,207	6,762
Peas, green	34,171	28,916	36,851	14,480	24,429
Miscellaneous vegetables	88,955	102,564	84,087	79,923	77,400

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
	<i>1,000 dollars</i>				
Fruits and nuts	78,627	96,490	88,160	86,231	100,552
Apples	11,512	12,587	13,502	13,239	17,683
Fresh	11,108	11,747	12,758	12,728	17,136
Cherries	409	3,714	1,333	430	809
Cranberries	62,741	75,573	68,715	67,592	76,389
Strawberries	3,465	4,200	4,158	4,560	5,246
Other berries	435	376	342	320	335
Miscellaneous fruits and nuts	65	40	110	90	90
All other crops	162,796	164,019	193,915	198,098	202,617
Maple products	NA	NA	2,496	2,079	2,418
Other seeds	710	451	450	251	182
Mint	11,158	12,180	4,604	3,756	5,616
Peppermint	5,552	5,265	1,701	1,509	2,760
Spearmint	5,606	6,915	2,903	2,247	2,856
Other field crops	7,465	7,279	1,808	1,937	1,787
Christmas trees	NA	NA	35,000	35,000	38,000
Greenhouse/nursery	141,930	142,749	148,358	153,813	153,350
Floriculture	37,830	43,749	49,358	54,813	54,350
Ornamentals, other	104,100	99,000	99,000	99,000	99,000
Wyoming					
All commodities	769,269	863,054	806,192	840,955	778,364
Livestock and products	607,921	675,749	608,068	660,450	621,016
Meat animals	579,049	651,089	578,664	633,817	592,581
Cattle and calves	553,229	623,721	542,764	592,656	558,190
Hogs	3,747	4,379	4,864	7,726	6,356
Sheep and lambs	22,073	22,989	31,036	33,435	28,035
Dairy products	15,104	11,856	12,375	11,867	10,689
Milk, wholesale	15,104	11,856	12,375	11,867	10,689
Poultry/eggs	259	259	156	161	227
Other poultry	140	140	62	62	62
Miscellaneous livestock	13,509	12,545	16,873	14,605	17,519
Honey	1,186	1,173	1,550	991	1,682
Wool	7,240	5,170	6,938	4,184	6,168
All other livestock	5,046	6,200	8,385	9,430	9,645
Crops	161,348	187,305	198,124	180,505	157,348
Food grains	14,698	15,826	18,979	18,344	18,644
Wheat	14,698	15,826	18,979	18,344	18,644
Feed crops	65,343	97,614	90,136	86,793	74,489
Barley	16,431	32,920	17,598	23,609	19,050
Corn	6,705	10,347	9,886	7,634	9,737
Hay	41,229	53,501	61,682	54,185	44,685
Oats	978	846	970	1,365	1,017
Oil crops	NA	416	229	238	215
Vegetables	26,251	19,098	25,472	20,305	15,665
Beans, dry	23,096	16,538	22,756	16,877	11,900
Potatoes	3,070	2,475	2,251	2,963	3,365
Miscellaneous vegetables	85	85	465	465	400
Fruits and nuts	2	2	12	12	10
Miscellaneous fruits and nuts	2	2	12	12	10

See footnotes at end of table.

Continued—

Appendix table—Cash receipts by commodity groups and selected commodities, United States and States, 1990-94¹—Continued

State and commodity	1990	1991	1992	1993	1994
			<i>1,000 dollars</i>		
All other crops	55,054	54,349	63,296	54,813	48,325
Sugar beets	52,974	52,394	58,486	51,648	45,055
Other seeds	200	200	350	200	200
Other field crops	280	155	160	165	170
Greenhouse/nursery	1,600	1,600	4,300	2,800	2,900

NA = Not available.

¹USDA estimates and publishes individual cash receipt values only for major commodities and major producing States. The U.S. receipts for individual commodities, computed as the sum of the reported States, may understate the value of sales for some commodities, with the balance included in the appropriate category labeled "other" or "miscellaneous." The degree of underestimation in some of the minor commodities can be substantial.

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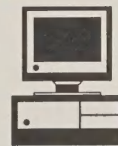


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