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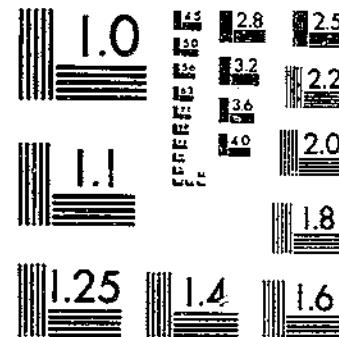
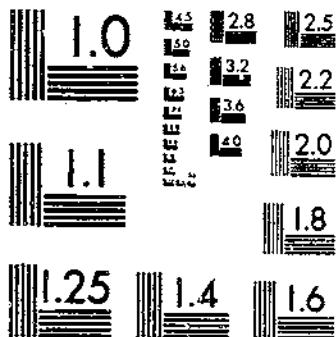
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CHANGES IN FARM PRODUCTION AND EFFICIENCY: A SUMMARY REPORT, 1975  
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# START



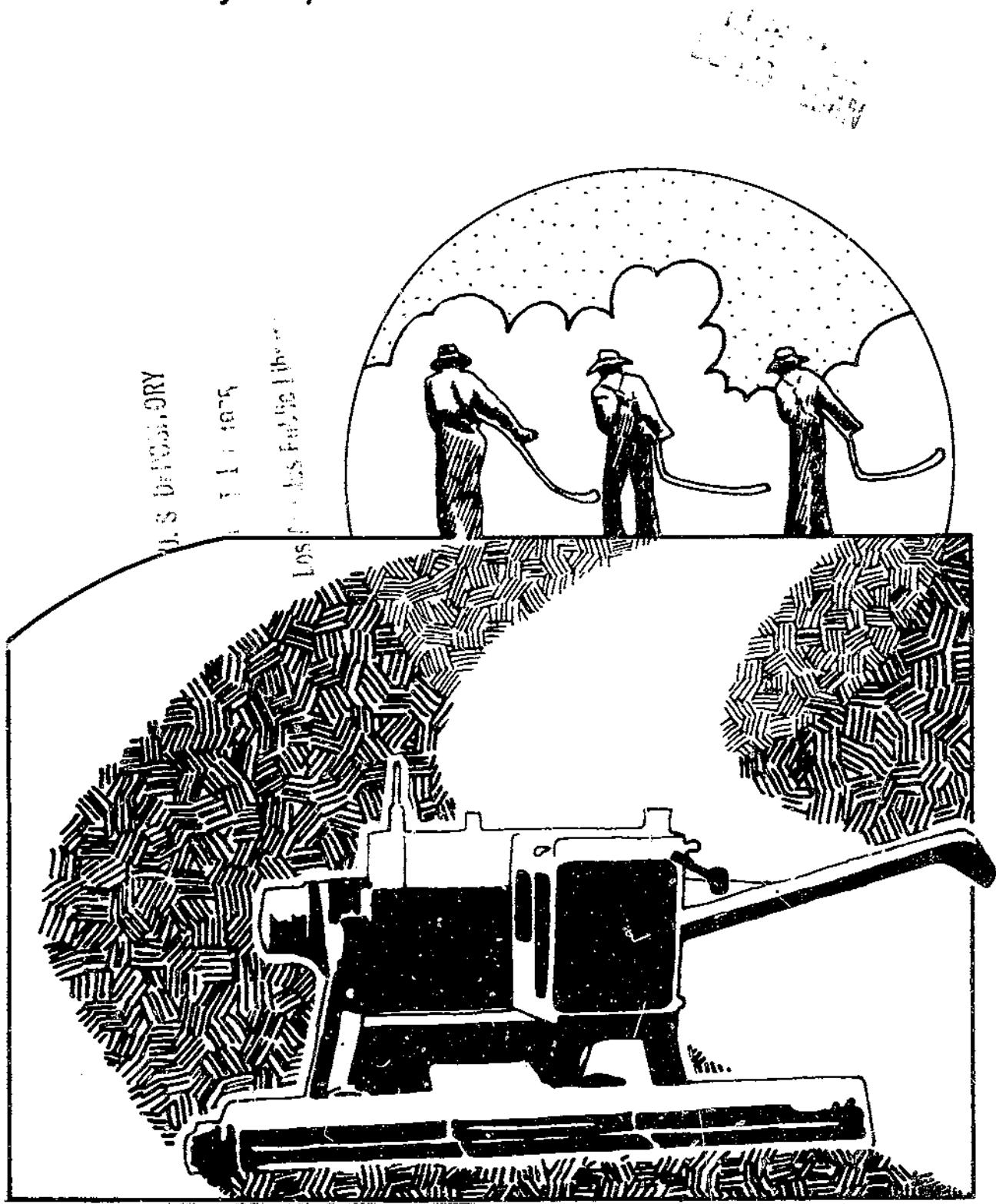
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# 1975 Changes in Farm Production and Efficiency

## A Summary Report

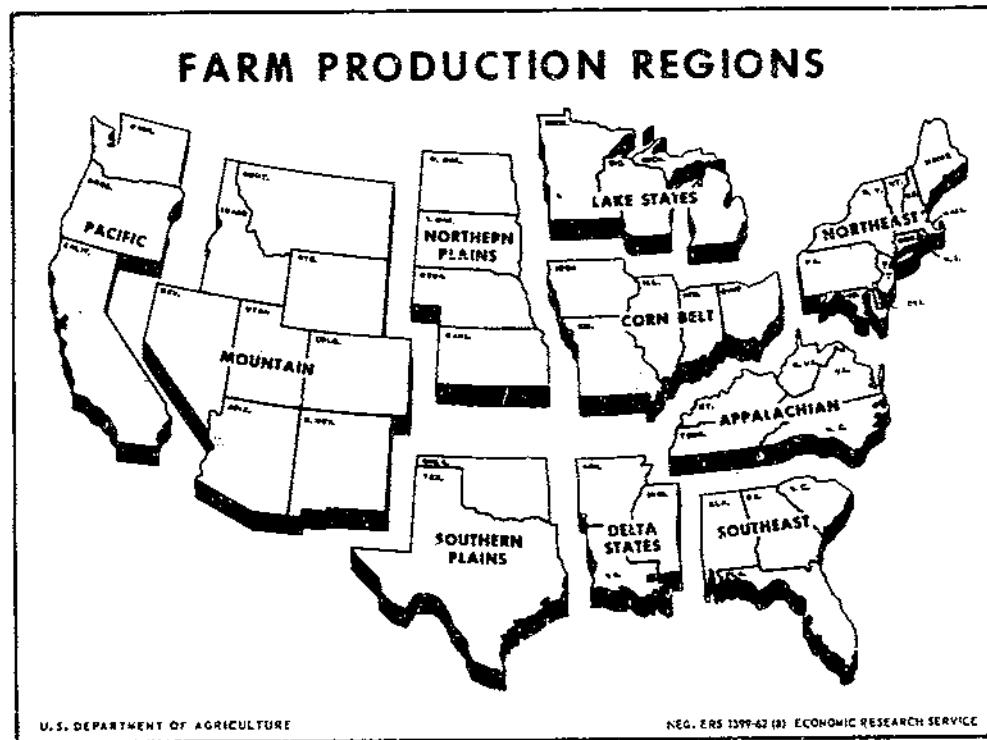


U.S. Department of Agriculture ★ Economic Research Service ★ Statistical Bulletin No. 548

## ABSTRACT

U.S. agriculture in 1974 suffered from poor growing conditions in the major production regions. Farm output dropped 5 percent despite only a 1-percent decline in inputs used; overall productivity dropped 5 percent. Acres of cropland used for crops increased 8 million acres but crop production per acre decreased 10 percent. Fertilizer use reached a record high. Milk production per feed unit increased while the feed units required for beef production remained at a high level. Machinery numbers slowed their decline of recent years. The number of hours used in farming decreased 2 percent, continuing a long-term trend. Since farm output decreased even more than the number of hours, farm output per hour was 3 percent less than in 1973.

Key Words: Farm output, inputs, productivity, cropland, labor, machinery, feed, fertilizer.



## PREFACE

This annual publication presents the major statistical series on farm production, production inputs, and efficiency. It provides in one place the latest information for appraising changes in production, changes in farm inputs and practices, improvements in labor productivity, and progress of farm mechanization. Many of the index series in this publication have been revised because of new data through the 1967 reference period. Those interested in an explanation of the methods used in developing each statistical measure should consult the 1966 issue.

For a more detailed description of the methods used in developing the series in table 15, see Consumption of Feed by Livestock, 1909-56, Agr. Res. Serv., Prod. Res. Rpt. 21, 1958, and for the series in table 26, see Productivity of Agriculture, Agr. Res. Serv., Tech. Bull. 1238, 1961. For the other series, see Major Statistical Series of the U.S. Department of Agriculture, How They Are Constructed and Used, AH-365, Vol. 2 Agricultural Production and Efficiency, 1970.

Five supplements to this bulletin for some of the series included here on a national basis are published separately giving data for the 10 farm production regions.

Supplement I contains index numbers of farm production for each group of livestock and crops shown in table 1.

Supplement II contains acreages of cropland used for crops and the components shown in table 4.

Supplement III contains hours of farm labor used for each group of livestock and crops shown in table 19.

Supplement IV contains index numbers of farm production per hour for each group of livestock and crops shown in table 23.

Supplement V contains index numbers of total farm input and by major input groups shown in table 25, and farm output per unit of input in table 27.

Requests for these supplements should be sent to the Publication Unit, ERS Information Division, 0054 South Building, USDA, Washington, D. C. 20250.

This publication was prepared under the direction of Donald D. Durost. The following persons may be contacted for more information on these subjects:

Farm output--Sandra R. Wilkins  
Crop production per acre--Sandra R. Wilkins  
Acres used for specified purposes--Sandra R. Wilkins  
Hours of farmwork--Evelyn T. Black  
Farm inputs and productivity--Rachel B. Evans  
Cropland used for crops--H. Thomas Frey  
Machinery--Duane A. Paul and Evelyn T. Black  
Fertilizer--John F. Gale  
Livestock feed--George C. Allen

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## CHANGES IN FARM PRODUCTION AND EFFICIENCY

A Summary Report, 1975

National Economic Analysis Division  
Economic Research Service

### HIGHLIGHTS

U.S. agricultural production in 1974 suffered several setbacks. A wet spring that delayed planting and caused replanting, a hot and dry spell during the crucial pollination period, and an earlier than normal frost reduced yields, especially in the Midwest. Still, 1974 farm output was the fourth highest on record, having been surpassed in each of the previous 3 years.

Farm output in the United States dropped more in 1974 than anytime in the last quarter century, declining 5 percent from the 1973 record (table 1).

Livestock production was the second largest on record, 1 percent above 1973 but nearly 2 percent below the 1971 and 1972 record. Increased production in 1974 was due almost entirely to record cattle and calf production, 4 percent above a year earlier. Hog, poultry and egg, and milk production remained unchanged.

The 8-percent drop in crop production more than offset the gain in livestock output. Despite larger acreages devoted to most crops, unfavorable growing conditions held yields to the lowest level in a decade. Output from (6 out of 9) crop groups decreased from 1973. Feed grain production was down a fifth, to the lowest level since the 1970 corn blight. Oil crops slipped a sixth, the first decline in production after 14 straight years of increase. The cotton harvest was a tenth smaller. Food grains and vegetable production attained record levels, increasing 6 and 8 percent, respectively. Tobacco output rose 14 percent.

Regional farm output in 1974 reflected unfavorable growing conditions in the midsection of the country (table 2). Lower farm output occurred in the Lake States, Corn Belt, Northern and Southern Plains, and the Delta States. The Northern and Southern Plains had the greatest reductions of 15 percent. The 3 Atlantic coast regions and 2 western regions increased their 1974 output. The Southeast region attained a record high.

Livestock production was down in the Corn Belt and Mountain regions. Four of the remaining 8 regions had record livestock output. Regional crop production followed farm output patterns with reduced production in the five midsection regions and increase in the other regions. Record crop output was recorded in the Southeast, Mountain and Pacific regions.

Crops harvested in 1974 increased 10 million acres compared with 1973 and 38 million acres compared with 1972 (table 3). Among the major crops, corn and wheat acreage combined, increased about 15 million acres, but this was partly offset by fewer acres of other feed grains, hay, and soybeans.

The volume of farm exports declined; however, yields were lower in 1974 with the result that acreage equivalent of farm exports matched the record set in 1973, 96 million acres. This acreage was 29 percent of the total acreage of crops harvested. Food grains, chiefly wheat, accounted for 43 percent of the export acres; while oil crops accounted for 30 percent, feed grains, 20 percent; cotton, 4 percent; and all other products, 3 percent.

Cropland used for crops totaled 361 million acres in 1974, 8 million acres more than in 1973 (table 4). The increase continued a strong upturn that started in 1973 after a decade of relative stability. As harvested acreage of cropland increased, the acreage in summer fallow declined. Summer fallow acreage in 1974 was at the lowest level in 2 decades. The national increase was accompanied by significant gains in most of the 10 farm production regions (tables 5 and 6). The Southern Plains was the only region with fewer acres.

Crop production per acre in 1974 was the lowest since 1970 (tables 4 and 7). Yields of most major crops contributed to this decline. Corn, sorghum grain, barley, and soybeans had the lowest yields since 1964. These are the important crops grown in the regions which had unfavorable weather. Yields of other crops, and grown primarily outside of the midsection of the country, including rice, peanuts, and potatoes, rose.

Crop production per acre decreased 10 percent. The only regions showing increases were the Northeast, Southeast, Mountain, and Pacific. Other than the Northeast, each of these regions attained record crop output per acre. Declines in remaining regions varied from 4 percent in the Appalachian region to 27 percent in the Northern Plains.

Fertilizer use reached a record high during the fertilizer year that ended June 30, 1974 (tables 8-14). Just over 15.6 million tons of nitrogen, phosphorus, and potassium were used as fertilizer for all purposes. This was a gain of 1.2 million tons—8.6 percent—over use in 1972/73 and 1.9 million tons over the amount used 2 years before. Despite high prices and tight supplies, domestic use of nitrogen was up 10 percent over use the previous year and 14 percent over use in 1971/72. Phosphate fertilizer use increased only 5 percent over 1971/72 because exports were relatively high and output was limited by lack of production facilities. Supplies of potash were equal to demand in North America. As a result, use of potassium was up 18 percent from that of 1971/72 to 1973/74—a higher rate of increase than for either nitrogen or phosphorus.

Use of the three primary plant nutrients per acre of cropland averaged 79.4 pounds after an allowance for nonfarm use. This compares with 75.7 pounds in 1973 and 78.1 pounds in 1972. The drop in 1973 can be attributed to a rapid 8-percent increase in acres without a comparable rise in fertilizer production facilities. On a pounds-per-acre basis, use of nitrogen was 47 pounds, phosphorus 11 pounds, and potassium 21 pounds in 1974. This compares with use of 44 pounds of nitrogen, 12 pounds of phosphorus, and 20 pounds of potassium a year earlier.

An estimated 26.5 million tons of liming materials were used in 1974, a 12-percent increase from the 23.7 million tons used in 1973, but only 6 percent more than the amount used in 1972. However, use of liming materials reached the highest point in 5 years.

Nitrogen fertilizer use in 1973/74 was higher in all parts of the country except the Northeast. Here, use dipped 3 percent. Just over 27 percent of all nitrogen fertilizer was used in the five Corn Belt States, compared with 25 percent a year earlier.

Also, more phosphorus was used in 1973/74 than in 1972/73 only in the Lake States, Corn Belt, Delta States, and Southern Plains. At the same time, use of phosphorus was unchanged or lower in the remaining six regions. Nearly a third of the phosphorus fertilizer was used in the Corn Belt.

Use of potassium, much like that of nitrogen, was higher in most of the country in 1973/74. Only in the four Northern Plains States was less potassium used than in the preceding 12 months. And, as was true of nitrogen and phosphorus, more potassium—nearly 40 percent—was used in the Corn Belt.

Higher milk production per cow, coupled with improved quality roughage resulted in a significant improvement in the ratio of feed consumption to milk output during the 1973/74 feeding year over the 2 previous years (tables 15 and 16). Although beef cattle continued to use more feed per unit of output up through 1972/73, there was a decline in 1973/74. This probably reflected the continued build-up in the beef female numbers, bull numbers, and a tendency to hold back steer feeder calves for more weight gain from cheaper harvested roughages and pasture. Feed units used to produce live broilers increased slightly for the 1973/74 feeding year, but remained well below the previous 10-year average.

Feed units per hundredweight of live hogs were up by 18 units from the previous year. With hog-corn feed price ratios generally depressed, there may have been less incentive to feed nutritionally balanced rations. Also, there is evidence that much of the corn fed by corn-hog farmers was of lower nutritional value. This would tend to inflate input-output ratios.

Numbers of most major machinery items on farms continued to decline in 1973 and 1974, but not as rapidly as in recent years (tables 17 and 18). Record levels of net farm income caused unprecedented demand for many items of farm machinery, including tractors, combines, cornheads and cornpickers, and hay and forage equipment. As a result of the extraordinarily large numbers of new machines sold to farmers, the trend in reduced numbers of machines on farms slowed somewhat from the past 10 years. Between January 1973 and 1975, the number of tractors on farms declined 2.8 percent, combines fell 3.6 percent, and pickup balers declined 5.1 percent.

The horsepower of farm tractors purchased continued to climb, averaging 84 in 1974 and 83 in 1973. This compared with 59 in 1964. Further, more than 40 percent of the two-wheel drive tractors sold in 1974 had 100 or more PTO horsepower compared with 37 percent in 1973 and less than 5 percent in 1964. One result has been a 26-percent increase in total tractor horsepower on

farms between January 1965 and January 1975, to 222 million horsepower.

Sales of four-wheel drive tractors continued to rise. In 1974, nearly 8,300 units were sold, compared with 6,500 in 1973 and 3,900 in 1972. In 1975, sales are forecast to be in excess of 9,000 units, although sales of all farm wheel tractors are likely to decline.

The trend toward diesel powered tractors and combines has continued at a significant rate in recent years. In 1973, 86 percent of all new tractors sold were diesel compared with 81 percent in 1972. Nearly 50 percent of the self-propelled combines sold in 1973 were diesel, compared with 35 percent in 1972, and 23 percent in 1971. This trend is likely to continue.

Total hours of labor used on U.S. farms continued to decline in 1974; down 2 percent from 1973 and a third from a decade earlier (tables 19 and 20). Of the 5.5 billion hours used, 2.9 billion hours were needed for the planting, cultivating and harvesting of crops. The care of livestock required 1.8 billion hours and the residual 0.8 billion hours consisted of overhead and miscellaneous tasks. Time spent at farmwork has trended downward at a slower rate in recent years because of a combination of many factors, including the slower reduction in farm numbers and the increases in size of farms and of enterprises on them.

Labor used in 1974 on all crop production decreased for each group except food grains, vegetables, tobacco and cotton. Increased acreage and production (except for cotton production) required more labor than a year before.

Hours of labor continued to decline for all classes of livestock, ranging from a 4-percent decline for meat animal production to 9 percent for poultry.

More hours were spent on farmwork in the Corn Belt than in any other region (table 21). Second in this respect was the Pacific region. The smallest amount of time was spent at farmwork in the Mountain and Northeast, respectively. Size of region, amount of land in farms, extent of mechanization, type of farming, and other factors were responsible for these differences.

Except for the Delta States and Appalachian regions, fewer hours were spent in 1974 for farmwork in each region, ranging from a 1-percent decline in the Pacific to 6 percent in the Southern Plains (table 22). Increased acreage of rice and cotton in the Delta required more labor than a year earlier. Hours of farmwork in the Appalachian region remained at the 1973 level.

Farm labor productivity in 1974 was 3 percent less than in 1973, the first decline since 1950 (table 23). Even though the labor input quantity in the United States was less, farm output declined even more, resulting in lower labor productivity. Labor productivity gained 8 percent for livestock over the previous year with each of the livestock groups experiencing gains in productivity. The largest gain was 11 percent for poultry, followed by 8 percent for milk cows and 7 percent for meat animals. However, labor productivity for all crops declined by 9 percent. Among crop groups, the greatest decline in labor productivity was in cotton, down 17 percent. Feed grains, food grains, and oil crops dropped 14, 11, and 9 percent, respectively.

Production per hour declined in half of the regions (table 24). The greatest reduction in labor productivity occurred in the Northern and Southern Plains, dropping 13 percent and 10 percent, respectively. The other midsection regions had reductions ranging from 3 to 6 percent. In contrast, output per hour increased from 2 to 8 percent in the remaining regions. Record productivity highs were attained in the Northeast, Southeast, and Pacific regions.

Total farm inputs in 1974 decreased about 1 percent from 1973 (table 25). Although total inputs remained essentially unchanged in recent years, share changes in the input mix occurred. Noteworthy was the replacement of labor inputs by capital inputs, in the form of machinery, tractors, and fertilizer.

Total farm labor input in 1974 decreased 2 percent from a year earlier and 17 percent from 1967. Labor now accounts for 15 percent of all inputs, compared with 18 percent in 1967. Rapid substitution of capital for labor was encouraged as farm wage rates rose at a faster rate than prices for capital inputs.

Mechanical power and machinery, and agricultural chemicals were the only input groups to rise in 1974. The mechanical power and machinery group reflected the sharp rise in farmers' purchases of tractors and equipment during the last 2 years. Agricultural chemicals continued the long-term upward trend, reflecting the stepped-up use of fertilizers and pesticides.

Feed, seed, and livestock purchases declined in each of the last 2 years. High prices for feed grains and low livestock prices discouraged farmers from purchasing these inputs.

Regional changes in total farm inputs were minor (table 26). The greatest change occurred in the Southern Plains, where inputs declined 4 percent. No other region had more than a 2-percent change. The Corn Belt, Delta States, and the Pacific regions committed more inputs to agriculture than a year earlier. All other regions had a slight decline, except for the Appalachian region, which remained unchanged.

Farm output per unit of total input declined 5 percent, reflecting poor growing conditions in the major farming regions (table 27). Poor growing conditions affect farm output greatly but have little effect on the quantity of inputs used. The results of this combination reduced productivity in 1974.

The poor growing conditions caused lower output per unit of input in all regions in the mid-section of the country. The reductions ranged from 4 percent in the Delta States to 18 percent in the Northern Plains. On the other hand, remaining regions either equaled their previous record (Northeast and Mountain regions) or set new highs (Appalachian, Southeast, and Pacific regions).

Table 1.--Farm Production: Indexes of total farm output and gross production of livestock and crops, by groups, United States, 1950-74 1/

C  
UPDATA  
1981

(1967 = 100)

Year	Farm output 2/	Livestock and livestock products 3/				Crops									
		All 4/	Meat animals 5/	Dairy products 6/	Poultry and eggs 7/	All 8/	Feed grains 9/	Hay and forage 10/	Food grains 11/	Vegetables 12/	Fruits and nuts 13/	Sugar crops 14/	Cotton	Tobacco	Oil crops 15/
1950.....	74	75	74	93	57	77	63	78	65	85	93	68	137	103	46
1951.....	76	78	79	92	59	78	59	81	64	80	94	54	208	119	47
1952.....	79	79	79	92	60	82	62	79	82	80	91	55	208	114	46
1953.....	80	80	78	97	61	81	61	81	75	84	93	61	208	105	47
1954.....	80	82	81	98	64	80	64	81	66	82	93	68	226	114	49
1955.....	83	84	86	99	63	83	68	86	63	85	93	62	188	112	53
1956.....	83	85	83	101	69	82	67	82	65	91	97	62	202	111	60
1957.....	81	83	80	101	70	81	73	89	62	88	89	71	183	85	58
1958.....	87	85	82	101	74	89	80	89	91	90	96	69	150	88	69
1959.....	89	89	88	100	76	89	83	85	73	89	99	76	157	91	64
1960.....	91	88	85	101	76	93	86	90	86	90	93	74	170	99	68
1961.....	92	91	89	104	82	92	77	90	79	96	97	83	195	105	77
1962.....	92	92	90	105	82	92	78	93	74	94	97	86	204	118	78
1963.....	96	95	95	104	84	96	85	94	77	94	95	110	211	119	81
1964.....	95	98	98	105	87	93	74	94	85	90	95	94	232	113	81
1965.....	98	95	92	104	90	99	87	98	88	96	100	100	205	94	95
1966.....	95	97	96	101	96	95	89	96	88	97	98	100	130	96	97
1967.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1968.....	102	100	101	99	98	103	95	99	105	104	98	113	148	87	114
1969.....	102	101	102	98	100	104	99	101	98	101	116	115	137	91	116
1970.....	101	105	108	100	106	101	89	100	91	101	109	114	139	97	117
1971.....	111	108	112	101	107	112	116	106	107	100	116	117	145	86	121
1972.....	110	108	110	102	109	113	112	105	102	101	104	128	187	88	131
1973.....	112	105	108	98	106	120	115	109	113	102	130	112	175	88	155
1974 16/..	106	106	110	98	106	110	92	104	120	110	122	107	157	100	129

1/ Annual data for 1910-49 in 1964 issue of this publication. 2/ The index number of farm output in some instances may be outside the range of the index number of all crops and the index number of all livestock production. 3/ Horses and mules excluded. 4/ Includes clipped wool, mohair, and for 1950 to date, honey and beeswax. These items are not included in the separate groups of livestock and products shown. 5/ Cattle and calves, sheep and lambs, and hogs. 6/ Butter, butterfat, wholesale milk, retail milk, and milk consumed on farms. 7/ Chickens and eggs, commercial broilers, and turkeys. 8/ Includes hay seeds, pasture seeds and cover-crop seeds, and some miscellaneous crop production not included in separate groups of crops shown. Farm gardens were excluded after 1964. 9/ Corn for grain, oats, barley, and sorghum grain. 10/ All hay, sorghum forage, corn silage, and for 1950 to date, sorghum silage. 11/ All wheat, rye, and rice. Buckwheat was excluded after 1964. 12/ Potatoes, sweetpotatoes, dry edible beans, dry field peas, truck crops for processing, and truck crops for fresh market having value. 13/ Fruits, berries, and tree nuts having value. Citrus production is on year of harvest, 1960 to date. Earlier years on year of bloom. 14/ Sugarbeets, sugarcane for sugar and seed, sugarcane syrup, and maple syrup. 15/ Soybeans, peanuts picked and threshed, cottonseed, flaxseed, and for 1950 to 1964, tungnuts and peanuts hogged. 16/ Preliminary.

Table 2.--Farm production: Indexes of total farm output, by regions, 1950-74 1/  
(1967 = 100)

Year	North-east	Lake States	Corn Belt	Northern Plains	Appa-lachian	South-east	Delta States	Southern Plains	Mount-tain	Pacific	United States
1950....	92	78	68	65	82	65	68	77	66	72	74
1951....	92	82	68	63	89	76	74	78	69	76	76
1952....	92	84	73	68	86	71	77	80	73	79	79
1953....	94	85	71	63	85	79	84	83	78	81	80
1954....	95	87	73	65	86	70	79	84	73	82	80
1955....	94	89	77	62	89	84	91	85	75	82	83
1956....	97	92	78	60	93	82	84	80	75	86	83
1957....	92	91	77	68	79	72	72	83	79	87	81
1958....	99	94	82	83	85	75	72	96	85	87	87
1959....	96	97	85	71	88	80	88	97	83	92	89
1960....	98	96	86	84	89	82	85	102	84	90	91
1961....	100	100	86	75	91	86	91	105	83	90	92
1962....	95	97	87	83	94	88	92	98	85	92	92
1963....	96	100	93	82	96	92	103	100	88	95	96
1964....	96	99	89	82	96	90	107	102	87	98	95
1965....	98	97	94	87	91	95	107	112	91	98	98
1966....	92	98	93	95	94	86	98	97	95	99	95
1967....	100	100	100	100	100	100	100	100	100	100	100
1968....	95	103	98	101	106	92	113	112	104	102	102
1969....	97	100	96	100	109	98	108	105	109	100	102
1970....	101	102	92	107	114	96	115	110	117	107	101
1971....	101	112	108	114	118	111	120	102	121	107	111
1972....	91	108	105	114	114	108	123	117	124	105	110
1973....	94	110	103	125	106	111	118	132	110	121	112
1974 2/.	98	102	95	106	108	119	116	112	111	126	106

1/ Annual data for 1939-49 in 1964 issue of this publication. For States in each region, see map on p. ii.

2/ Preliminary.

Table 3.--Land: Acreages of crops harvested and used for specified purposes,  
United States, 1950-74 1/

Year	Crops harvested 2/	Acreage used to produce products for--			Total United States population, July 1 4/	
		Exports 3/	Domestic use			
			Total	Per capita		
		Million acres	Million acres	Million acres	Acres Millions	
1950 .....	345	50	295	1.94	152	
1951 .....	344	59	285	1.85	154	
1952 .....	349	36	313	1.99	157	
1953 .....	348	31	317	1.98	160	
1954 .....	346	37	309	1.91	162	
1955 .....	340	47	293	1.78	165	
1956 .....	324	60	264	1.57	168	
1957 .....	324	48	276	1.61	171	
1958 .....	324	44	280	1.61	174	
1959 .....	324	61	263	1.49	177	
1960 .....	324	64	260	1.44	181	
1961 .....	302	67	235	1.28	184	
1962 .....	295	66	229	1.22	187	
1963 .....	298	77	221	1.17	189	
1964 .....	298	74	224	1.17	192	
1965 .....	298	76	222	1.14	194	
1966 .....	294	69	225	1.14	197	
1967 .....	306	69	237	1.19	199	
1968 .....	300	54	246	1.22	201	
1969 .....	290	61	229	1.13	203	
1970 .....	293	72	221	1.08	205	
1971 .....	305	62	243	1.17	207	
1972 .....	293	91	202	.97	209	
1973 .....	321	96	225	1.07	211	
1974 .....	331	96	235	1.11	212	

1/ Annual data for 1910-49 in 1964 issue of this publication.

2/ Area in principal crops harvested as reported by SRS plus acreages in fruits, tree nuts, and farm gardens. The acreage normally exceeds cropland harvested in table 4 because some acreage is double cropped.

3/ Acreages for exports relate to exports for year beginning July 1, or month representing beginning of crop season. Acreage includes seeds for crops and feed for livestock that are exported.

4/ Includes persons in our military forces in this country and abroad.

5/ Preliminary.

Table 4.--Land: Cropland used for crops and index of crop production per acre,  
United States, 1950-74 1/

Year	Cropland used for crops					Index of crop production per acre (1967=100) <u>3/</u>
	Cropland harvested <u>2/</u>	Crop failure	Cultivated summer fallow	Total	Index (1967=100) <u>3/</u>	
	Million acres	Million acres	Million acres	Million acres		
1950...	336	12	29	377	111	69
1951...	336	17	28	381	112	70
1952...	341	11	28	380	112	73
1953...	341	13	26	380	112	72
1954...	339	13	28	380	112	71
1955...	333	16	29	378	111	74
1956...	317	22	30	369	108	76
1957...	316	12	30	358	105	77
1958...	316	9	30	355	104	86
1959...	317	10	31	358	105	85
1960...	317	6	32	355	104	89
1961...	296	11	33	340	100	92
1962...	287	10	34	331	97	95
1963...	291	10	36	337	99	97
1964...	292	6	37	335	98	95
1965...	292	6	38	336	99	100
1966...	289	5	38	332	98	97
1967...	301	7	32	340	100	100
1968...	296	6	33	335	98	105
1969...	286	6	41	333	98	106
1970...	289	5	38	332	98	104
1971...	301	5	34	340	100	112
1972...	290	6	38	334	98	115
1973...	317	5	31	353	104	115
1974. <u>4/</u>	326	7	28	361	106	104

1/ Annual data for 1910-49 in 1964 issue of this publication.

2/ Land from which one or more crops were harvested.

3/ Computed from unrounded data.

4/ Preliminary.

Source: Natural Resource Economics Division, ERS.

Table 5--Land: Cropland used for crops, by regions, 1950-74 1/

Year	North-east	Lake States	Corn Belt	Northern Plains	Appalachian	South-east	Delta States	Southern Plains	Mountain	Pacific	United States
<u>Million acres</u>											
1950...	17.1	37.5	77.2	93.3	21.1	18.7	15.3	41.7	35.2	20.2	377.3
1951...	17.0	37.7	77.4	93.8	21.2	18.7	15.4	43.4	35.9	20.6	381.1
1952...	16.9	37.4	77.8	93.8	20.8	19.0	15.1	41.8	36.6	20.8	380.0
1953...	16.8	37.6	78.8	94.0	20.6	18.9	14.9	41.3	35.8	20.8	379.5
1954...	16.6	37.6	79.4	95.5	20.0	17.6	14.8	41.5	36.2	20.7	379.9
1955...	16.4	37.6	79.5	94.6	19.9	17.3	14.3	41.4	36.2	20.5	377.7
1956...	15.9	37.4	78.5	92.8	18.9	16.1	13.7	38.9	35.7	20.8	368.7
1957...	15.7	36.4	77.2	90.1	17.5	15.1	13.2	37.3	35.2	20.5	358.2
1958...	15.5	36.0	76.9	90.4	17.2	13.7	12.5	36.8	35.3	20.5	354.8
1959...	15.2	36.7	78.8	90.2	17.4	14.6	13.1	37.6	34.4	20.5	358.5
1960...	14.9	35.8	78.4	91.5	17.1	13.3	12.8	37.2	34.1	20.2	355.3
1961...	14.5	35.3	71.6	86.9	16.1	12.7	12.8	35.8	33.8	20.1	339.6
1962...	14.2	33.3	70.7	85.3	15.4	11.9	12.7	34.4	33.9	19.4	331.2
1963...	14.2	34.5	72.5	87.1	15.2	12.1	13.1	34.8	34.0	19.8	337.3
1964...	14.0	34.3	72.0	86.2	15.0	11.9	13.5	34.1	33.9	19.9	334.8
1965...	13.7	34.1	72.4	87.2	15.1	11.5	13.7	34.0	34.5	19.7	335.9
1966...	13.7	33.3	72.7	87.5	15.0	11.0	13.6	32.0	33.8	19.4	332.0
1967...	13.4	34.4	76.2	88.2	15.7	12.0	14.9	31.6	34.1	19.7	340.2
1968...	12.7	33.7	72.6	86.2	15.5	11.8	16.1	32.5	34.1	19.7	334.9
1969...	12.2	31.5	70.7	88.3	14.8	11.5	15.9	33.9	34.9	19.1	332.8
1970...	12.6	32.1	71.6	87.1	15.0	11.8	16.3	30.9	34.9	19.4	331.6
1971...	12.7	34.4	75.3	88.5	16.5	12.8	16.3	30.4	34.3	19.3	340.5
1972...	12.4	32.5	72.8	87.2	16.0	12.4	16.3	29.6	34.9	19.7	333.8
1973...	12.7	35.5	79.2	89.6	16.9	13.3	16.5	34.7	34.7	19.7	352.8
1974.2/	13.1	36.8	82.6	89.8	17.8	14.3	17.4	33.4	35.1	20.6	360.9

1/ Cropland used is the sum of acreage of land from which one or more crops were harvested plus acreages of crop failure and summer fallow. Annual data for 1939-49 in 1964 issue of this publication. For States in each region, see map on p. ii.

2/ Preliminary.

Source: Natural Resource Economics Division, ERS.

Table 6--Land: Indexes of cropland used for crops, by regions, 1950-74 1/  
 (1967 = 100)

Year	North-east	Lake States	Corn Belt	Northern Plains	Appalachian	South-east	Delta States	Southern Plains	Mountain	Pacific	United States	
1950..	128	109	101	106	134	156	102	132	103	103	111	
1951..	127	109	102	106	134	156	103	137	105	104	112	
1952..	126	108	102	106	132	158	102	132	108	105	112	
1953..	126	109	103	107	131	158	100	131	105	105	112	
1954..	124	109	104	106	127	147	99	131	106	105	112	
1955..	123	109	104	107	126	144	96	131	106	104	111	
1956..	119	109	103	105	120	135	92	123	105	105	108	
1957..	117	106	101	102	111	126	88	118	103	104	105	
1958..	116	105	101	103	109	115	84	116	103	104	104	
1959..	114	107	103	102	111	122	88	119	101	104	105	
10	1960..	111	104	103	104	108	111	86	118	100	103	104
1961..	108	102	94	99	102	106	86	113	99	102	100	
1962..	106	97	93	97	97	99	85	109	99	98	97	
1963..	106	100	95	99	96	101	88	110	100	100	99	
1964..	105	100	95	98	95	99	90	108	99	101	98	
1965..	102	99	95	99	96	96	92	108	101	100	99	
1966..	102	97	96	99	95	92	91	101	99	99	98	
1967..	100	100	100	100	100	100	100	100	100	100	100	
1968..	95	98	95	98	98	99	108	103	100	100	98	
1969..	91	92	93	100	94	96	107	107	102	97	98	
1970..	94	93	94	99	95	99	109	98	102	98	97	
1971..	95	100	99	100	104	107	109	96	101	98	100	
1972..	93	94	96	99	102	104	110	93	102	100	98	
1973..	95	103	104	102	107	111	111	110	102	100	104	
1974 <sup>2/</sup>	98	107	108	102	113	119	116	105	103	104	106	

1/ See footnotes, table 5.

2/ Preliminary.

Note: Computed from unrounded data.

Table 7.--Crop production: Indexes of crop production per acre, by regions, 1950-74 1/

C  
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1981

(1967 = 100)

Year	North-east	Lake States	Corn Belt	Northern Plains	Appalachian	South-east	Delta States	Southern Plains	Mountain	Pacific	United States
1950...	82	66	59	68	75	54	83	61	72	78	69
1951...	81	70	57	62	81	56	88	59	71	81	70
1952...	79	74	64	70	78	56	91	63	75	84	73
1953...	81	73	61	61	76	62	101	67	83	84	72
1954...	82	74	62	62	79	55	91	67	72	86	71
1955...	80	75	65	57	82	70	112	68	77	85	74
1956...	81	81	68	56	90	69	104	64	77	89	76
1957...	86	81	67	75	86	62	87	76	87	90	77
1958...	79	85	75	96	87	70	91	96	94	90	86
1959...	91	85	76	75	87	70	112	90	91	96	85
1960...	88	88	79	96	92	79	110	97	91	92	89
1961...	95	94	85	82	99	86	116	102	90	92	92
1962...	98	93	87	96	108	94	117	94	94	101	95
1963...	89	97	86	89	112	96	130	93	95	100	97
1964...	91	90	86	84	112	92	131	97	93	104	95
1965...	93	93	100	97	104	102	125	114	97	103	100
1966...	85	102	96	98	98	90	110	97	96	107	97
1967...	100	100	100	100	100	100	100	100	100	100	100
1968...	97	108	104	109	95	91	127	116	104	111	105
1969...	103	113	107	118	105	98	103	99	106	115	106
1970...	104	112	98	104	105	91	108	110	105	112	104
1971...	101	115	115	130	97	101	111	100	108	116	112
1972...	86	120	119	131	101	102	114	127	107	117	115
1973...	96	117	110	135	100	101	111	133	111	127	115
1974.2/	99	101	93	98	96	103	102	104	114	130	104

1/ Annual data for 1939-49 in 1964 issue of this publication. For States in each region, see map on p. ii.

2/ Preliminary.

Table 8--Fertilizer: Primary plant nutrients and liming materials used, United States and Puerto Rico, 1949-74 1/

Year 2/	Primary plant nutrients 3/							Liming materials 4/		
	Quantity				Index (1966/67 = 100)			Index		
	Nitrogen	Phosphorus 5/	Potassium 6/	Total 7/	Nitrogen	Phosphorus	Potassium	Total	Quantity (1967 = 100)	
	1,000 tons	1,000 tons	1,000 tons	1,000 tons					1,000 tons	
1949/50----:	1,005	851	916	2,772	17	45	30	25	29,842	102
1950/51----:	1,238	920	1,145	3,303	21	49	38	30	27,583	94
1951/52----:	1,425	960	1,313	3,698	24	51	43	34	27,252	93
1952/53----:	1,637	992	1,443	4,072	27	53	48	37	20,669	71
1953/54----:	1,847	975	1,506	4,328	31	52	50	40	18,975	65
:										
1954/55----:	1,961	998	1,557	4,516	33	53	52	41	20,659	71
1955/56----:	1,933	981	1,556	4,470	32	52	51	41	22,021	75
1956/57----:	2,135	1,006	1,609	4,750	35	54	53	43	22,476	77
1957/58----:	2,284	1,001	1,606	4,891	38	53	53	45	23,215	79
1958/59----:	2,672	1,123	1,820	5,615	44	60	60	51	22,726	78
:										
1959/60----:	2,738	1,123	1,788	5,649	45	60	59	52	22,614	77
1960/61----:	3,031	1,154	1,800	5,985	50	61	60	55	22,612	77
1961/62----:	3,370	1,225	1,888	6,483	56	65	62	59	23,616	81
1962/63----:	3,929	1,341	2,078	7,348	65	71	69	67	26,119	89
1963/64----:	4,353	1,474	2,266	8,093	72	78	75	74	27,002	92
:										
1964/65----:	4,639	1,533	2,353	8,525	77	82	78	78	28,075	96
1965/66----:	5,326	1,701	2,674	9,701	88	91	88	89	30,461	104
1966/67----:	6,027	1,879	3,023	10,929	100	100	100	100	29,202	100
1967/68----:	6,788	1,944	3,148	11,880	113	103	104	109	30,536	105
1968/69----:	6,959	2,036	3,231	12,226	115	108	107	112	28,380	97
:										
1969/70----:	7,459	1,996	3,350	12,805	124	106	111	117	25,901	89
1970/71----:	8,134	2,096	3,513	13,743	135	112	116	126	23,703	81
1971/72----:	8,022	2,123	3,592	13,737	133	113	119	126	25,122	86
1972/73----:	8,295	2,219	3,859	14,373	138	118	128	132	23,657	81
1973/74 8/----:	9,157	2,225	4,219	15,601	152	118	140	143	26,500	91

1/ Annual data for 1939-49 in 1966 issue of this publication.

2/ Year ending June 30.

3/ Includes data for 50 States and Puerto Rico.

4/ Includes data for 48 States only. Calendar years corresponding with last half of fiscal year shown.

5/ Available phosphorus (P). P x 2.29137 = P<sub>2</sub>O<sub>5</sub>.6/ Soluble potassium (K). K x 1.20459 = K<sub>2</sub>O.

7/ Includes material for nonfarm use which in recent years has approximated 15 percent of total.

8/ Preliminary.

Table 9.--Fertilizer: Nitrogen used as fertilizer, regions, United States and Puerto Rico, 1949-74

Year	North-	Lake	Corn	North-	Appa-	South-	Delta	South-	Moun-	Pacific	48	Alaska	50	Puerto	United
	east	States	Belt	ern	lachian	east	States	ern	tain	States	and	Hawaii	States	Rico	States
1,000 tons															
1949/50--:	91	30	103	22	169	214	150	32	22	123	956	20	976	29	1,005
1950/51--:	96	35	145	28	186	250	175	44	41	171	1,171	20	1,191	47	1,238
1951/52--:	111	47	207	41	216	272	183	59	47	186	1,366	17	1,383	41	1,425
1952/53--:	126	58	295	66	227	291	187	68	58	207	1,584	20	1,604	33	1,637
1953/54--:	132	75	359	93	227	310	214	80	65	235	1,790	21	1,811	37	1,847
:															
1954/55--:	145	92	349	106	230	327	221	86	76	265	1,897	22	1,920	41	1,961
1955/56--:	136	93	323	93	230	320	230	98	73	278	1,875	24	1,900	33	1,933
1956/57--:	143	107	363	113	243	342	236	119	90	309	2,065	31	2,096	40	2,135
1957/58--:	149	123	414	153	234	334	215	154	113	344	2,233	18	2,251	33	2,284
1958/59--:	163	152	543	208	281	381	235	162	120	373	2,618	19	2,637	35	2,672
:															
1959/60--:	163	138	553	227	268	393	246	188	127	382	2,686	19	2,705	33	2,738
1960/61--:	164	168	635	326	271	408	248	210	150	393	2,973	25	2,998	33	3,031
1961/62--:	176	169	746	343	297	427	260	303	161	422	3,303	31	3,335	35	3,370
1962/63--:	200	203	973	404	328	456	277	389	172	468	3,870	24	3,893	36	3,929
1963/64--:	212	235	1,166	421	358	487	293	422	193	504	4,291	25	4,316	36	4,353
:															
1964/65--:	223	246	1,317	463	360	483	301	442	207	537	4,580	26	4,606	33	4,639
1965/66--:	244	274	1,617	628	405	527	288	499	240	549	5,273	25	5,298	28	5,326
1966/67--:	255	374	1,888	701	440	579	310	542	275	609	5,975	25	6,000	27	6,027
1967/68--:	264	458	2,026	976	420	616	338	678	324	637	6,737	25	6,761	26	6,788
1968/69--:	260	553	1,947	924	458	676	346	777	367	602	6,910	27	6,937	22	6,959
:															
1969/70--:	271	538	2,125	1,093	478	674	369	839	375	646	7,407	30	7,437	22	7,459
1970/71--:	303	709	2,422	1,128	520	692	407	835	387	678	8,081	33	8,113	20	8,134
1971/72--:	273	657	2,124	1,179	491	723	477	896	406	738	7,970	30	8,000	21	8,021
1972/73--:	322	684	2,056	1,303	515	764	446	914	457	784	8,246	29	8,275	20	8,295.
1973/74 1/:	313	708	2,484	1,391	551	775	532	1,013	489	849	9,105	27	9,133	25	9,157

Detail may not add to totals because of rounding.

1/ Preliminary.

Source: Statistical Reporting Service.

Table 10.--Fertilizer: Indexes of nitrogen used as fertilizer, regions, United States and Puerto Rico, 1949-74 1/

Year	(1966/67 = 100)													:United :States :Puerto :Rico	
	:North- east	Lake States	Corn Belt	:North- ern Plains	Appa- lachian	South- east	Delta States	:South- ern Plains	Moun- tain	:Pacific :States	48 :Alaska and Hawaii	50 :Puerto Rico	16 :States :Rico		
1949/50----:	36	8	5	3	38	37	48	6	8	20	16	79	16	107	17
1950/51----:	38	9	8	4	42	43	57	8	15	28	20	79	20	173	21
1951/52----:	44	13	11	6	49	47	59	11	17	31	23	67	23	152	24
1952/53----:	49	15	16	9	52	50	60	13	21	34	27	79	27	122	27
1953/54----:	52	20	19	13	52	54	69	15	24	39	30	83	30	136	31
:															
1954/55----:	57	25	18	15	52	56	71	16	28	43	32	87	32	151	33
1955/56----:	53	25	17	13	52	55	74	18	27	46	31	94	32	122	32
1956/57----:	56	29	19	16	55	59	76	22	33	51	35	122	35	147	35
1957/58----:	58	33	22	22	53	58	69	28	41	56	37	71	38	122	38
1958/59----:	64	41	29	30	64	66	76	30	44	61	44	75	44	129	44
:															
1959/60----:	64	37	29	32	61	68	79	35	46	63	45	75	45	122	45
1960/61----:	64	45	34	46	62	70	80	39	54	65	50	100	50	122	50
1961/62----:	69	45	40	49	67	74	84	56	58	69	55	122	56	129	56
1962/63----:	78	54	52	58	74	79	89	72	62	77	65	94	65	133	65
1963/64----:	83	63	62	60	81	84	95	78	70	83	72	100	72	133	72
:															
1964/65----:	87	66	70	66	82	83	97	81	75	88	77	102	77	122	77
1965/66----:	96	73	86	90	92	91	93	92	87	90	88	100	88	103	88
1966/67----:	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1967/68----:	103	122	107	139	95	106	109	125	118	105	113	100	113	96	113
1968/69----:	102	148	103	132	104	117	112	143	133	99	116	106	116	81	115
:															
1969/70----:	106	144	113	156	109	116	119	155	136	106	124	117	124	81	124
1970/71----:	119	189	128	154	118	120	131	154	139	111	135	130	135	73	135
1971/72----:	107	176	113	168	112	125	154	165	148	121	133	120	133	78	133
1972/73----:	126	183	109	186	117	132	144	169	166	129	138	116	138	74	138
1973/74----:	123	189	132	198	125	134	172	187	178	139	152	108	152	93	152

1/ See footnotes, table 9.

Note: Computed from unrounded data.

Table 11.--Fertilizer: Phosphorus used as fertilizer, regions, United States and Puerto Rico, 1949-74 1/

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lachian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific States	Alaska and Hawaii	50 States	Puerto Rico	United States and Puerto Rico	
1,000 tons															
1949/50--:	126	72	166	19	167	151	45	46	17	33	842	3	846	6	851
1950/51--:	125	71	194	23	173	166	51	47	21	39	910	3	914	7	920
1951/52--:	125	77	218	28	178	165	53	45	23	38	951	3	955	5	960
1952/53--:	125	83	249	36	170	165	47	42	23	41	982	4	986	5	992
1953/54--:	117	89	258	39	155	158	44	40	26	40	966	4	970	5	975
1954/55--:	121	101	261	45	153	152	41	45	26	42	988	4	992	5	998
1955/56--:	113	102	250	40	147	156	46	47	26	46	972	4	976	5	981
1956/57--:	116	110	256	43	143	157	43	47	30	47	994	5	998	6	1,006
1957/58--:	116	112	263	44	137	150	39	46	34	51	993	3	996	4	1,001
1958/59--:	120	126	301	55	156	168	46	51	37	55	1,113	4	1,117	5	1,123
1959/60--:	116	123	295	61	149	163	48	55	42	62	1,114	4	1,118	5	1,123
1960/61--:	113	128	293	71	153	168	48	61	46	64	1,144	5	1,150	5	1,154
1961/62--:	116	123	321	80	156	166	52	82	45	68	1,212	5	1,217	7	1,225
1962/63--:	121	135	374	92	164	171	57	95	49	69	1,328	5	1,333	8	1,341
1963/64--:	125	164	433	103	166	173	60	101	58	77	1,462	5	1,467	7	1,474
1964/65--:	122	174	462	108	160	172	63	112	63	86	1,522	5	1,527	6	1,533
1965/66--:	130	180	564	138	172	173	64	113	71	85	1,690	5	1,696	5	1,701
1966/67--:	128	198	636	169	177	181	71	126	81	100	1,868	6	1,874	5	1,879
1967/68--:	128	200	645	191	172	189	80	132	93	104	1,932	7	1,939	5	1,944
1968/69--:	127	234	656	185	177	187	83	170	106	99	2,025	7	2,032	4	2,036
1969/70--:	127	208	655	198	174	181	82	151	105	103	1,984	9	1,992	4	1,996
1970/71--:	138	255	667	194	186	182	85	156	110	113	2,085	8	2,093	3	2,096
1971/72--:	128	238	671	198	185	193	99	159	110	118	2,109	10	2,119	4	2,123
1972/73--:	139	241	674	230	194	202	99	174	127	127	2,207	9	2,216	3	2,219
1973/74 2/:	130	243	710	217	194	196	105	176	115	127	2,213	9	2,222	4	2,225

Detail may not add to totals because of rounding.

1/ Available phosphorus. To convert P to  $P_2O_5$ , multiply P by 2.29137.

Source: Statistical Reporting Service.

Table 12.--Fertilizer: Indexes of phosphorus used as fertilizer, regions, United States and Puerto Rico, 1949-74 1/

Year	North-	Lake	Corn	North-	Appa-	South-	South-	Moun-	Pacific:	Alaska :	United	
	east	States	Belt	ern	lachian	east	ern	tain	States	and : 48	: States	
1949/50	98	36	26	11	94	84	63	37	21	33	45	47
1950/51	97	36	31	14	98	92	72	37	26	39	49	45
1951/52	97	39	34	17	100	91	75	36	28	38	51	47
1952/53	97	42	39	21	96	91	66	33	28	41	53	51
1953/54	91	45	41	23	88	87	62	32	32	40	52	62
	:	:	:	:	:	:	:	:	:	:	:	:
1954/55	94	51	41	27	86	84	58	36	32	42	53	62
1955/56	88	51	39	24	83	86	65	37	32	46	52	53
1956/57	90	55	40	25	81	87	61	37	37	47	53	78
1957/58	90	56	41	26	77	83	55	37	42	51	53	47
1958/59	93	63	47	32	88	93	65	41	46	55	59	62
	:	:	:	:	:	:	:	:	:	:	:	:
1959/60	90	62	46	36	84	90	68	44	52	62	60	62
1960/61	88	64	46	42	86	93	68	49	57	64	61	100
1961/62	90	62	50	47	88	92	73	65	55	68	78	61
1962/63	94	68	59	54	93	95	80	76	60	69	71	100
1963/64	97	83	68	61	94	96	84	80	71	77	78	71
	:	:	:	:	:	:	:	:	:	:	:	:
1964/65	95	88	73	64	90	95	89	89	78	86	81	78
1965/66	101	91	89	82	97	96	90	90	87	85	90	90
1966/67	100	100	100	100	100	100	100	100	100	100	100	100
1967/68	100	101	101	113	97	105	113	105	115	104	103	109
1968/69	99	118	103	109	100	103	117	135	130	99	108	109
	:	:	:	:	:	:	:	:	:	:	:	:
1969/70	99	105	103	117	98	100	115	120	130	103	106	135
1970/71	107	129	105	115	105	100	119	124	135	113	112	117
1971/72	100	120	106	117	105	107	139	134	136	118	113	167
1972/73	109	122	106	136	110	112	139	138	157	127	118	150
1973/74	102	123	112	128	110	108	148	140	142	127	118	150
	:	:	:	:	:	:	:	:	:	:	:	:

1/ See footnotes, table 11.

Note: Computed from unrounded data.

Table 13.--Fertilizer: Potassium used as fertilizer, regions, United States and Puerto Rico, 1949-74 1/

Year	North- east	Lake States	Corn Belt	North- Plains	Appa- lachian	South- east	Delta States	Moun- tain Plains	Pacific: States Hawaii	Alaska and States	Puerto Rico	Puerto Rico	United States		
<b>1,000 tons</b>															
1949/50--:	139	88	207	2	180	189	48	14	2	19	888	11	899	18	* 916
1950/51--:	145	111	282	3	220	237	71	18	2	21	1,110	12	1,122	23	1,145
1951/52--:	167	121	358	4	256	258	75	22	2	20	1,283	12	1,295	18	1,313
1952/53--:	182	141	431	5	260	271	78	21	2	23	1,413	13	1,426	17	1,443
1953/54--:	183	154	461	6	262	278	83	20	2	23	1,473	15	1,487	18	1,506
:															
1954/55--:	196	169	462	6	279	282	78	23	2	26	1,523	15	1,538	19	1,557
1955/56--:	186	177	447	7	270	298	86	23	3	28	1,524	17	1,541	15	1,556
1956/57--:	193	186	463	7	273	314	81	23	3	30	1,573	18	1,591	18	1,609
1957/58--:	194	194	467	6	273	314	68	24	4	34	1,577	14	1,591	16	1,606
1958/59--:	204	224	518	9	316	362	86	27	4	37	1,785	15	1,801	19	1,820
:															
1959/60--:	198	207	503	9	306	366	93	27	4	39	1,754	16	1,769	18	1,788
1960/61--:	198	223	472	12	308	386	94	29	5	36	1,763	19	1,782	19	1,800
1961/62--:	203	216	510	12	323	394	100	38	4	43	1,843	21	1,864	24	1,888
1962/63--:	215	247	611	15	341	405	110	48	5	43	2,039	17	2,056	23	2,078
1963/64--:	225	284	715	18	343	425	115	52	6	41	2,224	18	2,243	24	2,266
:															
1964/65--:	217	296	786	21	342	424	122	57	6	43	2,314	19	2,332	21	2,353
1965/66--:	232	319	993	33	369	441	122	67	8	49	2,633	21	2,655	20	2,674
1966/67--:	224	403	1,165	50	385	470	134	76	11	67	2,986	19	3,005	18	3,023
1967/68--:	216	446	1,186	68	376	500	150	83	14	72	3,111	20	3,131	17	3,148
1968/69--:	212	456	1,223	74	383	510	158	99	13	67	3,195.	20	3,216	15	3,231
:															
1969/70--:	224	469	1,292	86	388	500	158	105	15	78	3,315	20	3,336	15	3,350
1970/71--:	241	549	1,322	87	394	508	165	114	17	82	3,478	22	3,500	13	3,513
1971/72--:	230	541	1,339	90	401	551	188	119	16	82	3,559	20	3,579	13	3,592
1972/73--:	251	566	1,440	142	426	578	188	128	18	88	3,827	20	3,847	12	3,859
1973/74 2/:	256	643	1,657	127	445	591	203	145	23	96	4,186	19	4,205	14	4,219

Detail may not add to totals because of rounding.

1/ To convert K to K<sub>2</sub>O, multiply K by 1.20459.

2/ Preliminary.

Source: Statistical Reporting Service.

Table 14.--Fertilizer: Indexes of potassium used as fertilizer, regions, United States and Puerto Rico, 1949-74 1/

Year	(1966/67 = 100)															United States and Puerto Rico
	North- east	Lake States	Corn Belt	North- ern Plains	Appa- lachian	South- ern Plains	Delta east	South- ern States	Moun- tain Plains	Pacific States	48 and Hawaii	Alaska and States	50 Rico	Puerto Rico		
	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	
1949/50-----:	62	22	18	4	47	40	36	18	18	29	30	57	30	100	30	
1950/51-----:	65	28	24	6	57	50	53	24	18	32	37	62	37	126	38	
1951/52-----:	75	30	31	8	67	55	56	29	18	30	43	62	43	100	43	
1952/53-----:	81	35	37	10	68	58	58	28	18	35	47	68	47	93	48	
1953/54-----:	82	38	40	12	68	59	62	26	18	35	49	78	49	100	50	
1954/55-----:	88	42	40	12	72	60	58	30	18	39	51	78	51	104	52	
1955/56-----:	83	44	38	14	70	63	64	30	27	42	51	89	51	82	51	
1956/57-----:	86	46	40	14	71	67	60	30	27	45	53	94	53	100	53	
1957/58-----:	87	48	40	12	71	67	51	32	36	51	53	73	53	88	53	
1958/59-----:	91	56	44	18	82	77	64	35	36	56	60	78	60	104	60	
1959/60-----:	88	51	43	18	80	78	69	35	36	59	59	83	59	100	59	
1960/61-----:	88	55	41	24	80	82	70	38	45	54	59	100	59	104	60	
1961/62-----:	91	54	44	24	84	84	75	50	36	65	62	109	62	131	62	
1962/63-----:	96	61	52	30	89	86	82	63	45	65	68	89	68	126	69	
1963/64-----:	101	70	61	36	89	90	86	68	54	62	74	94	75	131	75	
1964/65-----:	97	73	67	42	89	90	91	75	54	65	78	100	78	115	78	
1965/66-----:	104	79	85	66	96	94	91	88	72	74	88	109	88	109	88	
1966/67-----:	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
1967/68-----:	96	111	102	135	98	106	112	109	126	108	104	104	-104	93	104	
1968/69-----:	95	113	105	147	100	108	118	130	117	100	107	104	107	82	107	
1969/70-----:	100	116	111	171	101	106	118	138	134	117	111	106	111	80	111	
1970/71-----:	108	136	113	173	102	108	123	145	148	122	116	115	116	69	116	
1971/72-----:	103	134	115	180	104	117	140	156	145	122	119	105	119	72	118	
1972/73-----:	112	140	124	284	110	122	140	168	163	131	128	105	128	66	127	
1973/74-----:	114	160	142	254	115	125	151	190	209	143	140	100	139	77	139	

1/ See footnotes, table 13.

Note: Computed from unrounded data.

Table 15.--Feed: Consumption per unit of production for selected livestock and poultry, United States, 1949-74 1/

Feeding year <u>2/</u>	Feed units per-- <u>3/</u>				
	100 pounds of milk produced	100 pounds of cattle and calves produced	100 eggs produced	100 pounds of broilers produced <u>4/</u>	100 pounds of hogs produced <u>4/</u>
<u>Feed units</u>					
1949/50 -----	111	946	64	382	529
1950/51 -----	112	966	60	374	530
1951/52 -----	111	965	59	366	559
1952/53 -----	106	913	59	359	519
1953/54 -----	106	892	57	351	539
1954/55 -----	106	913	54	336	508
1955/56 -----	109	904	56	326	546
1956/57 -----	110	994	57	318	517
1957/58 -----	114	1,036	56	332	512
1958/59 -----	106	1,023	56	315	550
1959/60 -----	109	1,059	54	296	571
1960/61 -----	123	1,004	54	287	631
1961/62 -----	120	1,012	55	296	629
1962/63 -----	120	997	54	297	621
1963/64 -----	116	1,007	53	299	615
1964/65 <u>5/</u> --	118	1,073	53	282	610
1965/66 -----	122	1,070	52	302	603
1966/67 -----	120	1,061	55	305	602
1967/68 -----	121	1,085	55	292	593
1968/69 -----	120	1,088	56	273	596
1969/70 -----	109	1,087	57	254	587
1970/71 -----	107	1,107	57	257	572
1971/72 -----	112	1,147	57	248	594
1972/73 -----	112	1,183	57	245	642
1973/74 <u>6/</u> --	107	1,123	60	257	660

1/ Annual data for 1910-49 in 1964 issue of this publication.

2/ October 1 to September 30.

3/ A feed unit is the equivalent of a pound of corn in feeding value.

4/ Live weight production.

5/ Revised numbers of livestock from 1964 to 1969 caused changes in feed units per unit of production.

6/ Preliminary.

Table 16.--Livestock: Number on farms for selected livestock and poultry,  
United States 1950-74 1/

Year	Cattle 2/ 3/			Poultry		Hogs and pigs 4/
	Milk cows	Cattle on feed	Other cattle	Laying hens 2/	Broilers 4/	
<u>1,000 head</u>						
1950.....	23,853	4,390	49,720	423,773	631,458	93,746
1951.....	23,568	4,534	53,981	399,338	788,601	99,011
1952.....	23,060	4,961	60,051	397,234	860,891	97,494
1953.....	23,549	5,762	64,930	373,013	946,533	84,209
1954.....	23,896	5,370	66,413	370,970	1,047,798	81,154
1955.....	23,462	5,795	67,335	368,595	1,091,684	89,812
1956.....	22,912	5,929	67,059	361,058	1,343,660	93,059
1957.....	22,325	6,122	64,413	369,803	1,447,528	88,151
1958.....	21,265	5,898	64,013	355,517	1,659,519	87,336
1959.....	20,132	6,601	66,589	366,856	1,736,922	96,955
1960.....	19,527	7,574	69,135	351,766	1,794,933	92,591
1961.....	19,252	8,048	70,185	346,992	1,989,603	90,314
1962.....	18,944	8,520	72,685	357,870	2,022,038	92,068
1963.....	18,360	9,702	76,202	356,313	2,100,639	94,343
1964.....	17,628	9,845	80,204	362,549	2,159,760	91,686
1965.....	16,962	9,979	81,828	374,220	2,332,341	83,707
1966.....	15,953	10,582	82,086	373,392	2,569,231	80,998
1967.....	15,111	11,268	82,160	403,025	2,590,558	89,537
1968.....	14,438	11,417	83,267	400,424	2,618,493	92,231
1969.....	13,804	12,534	83,430	392,057	2,787,211	92,339
1970.....	12,076	13,190	86,848	402,572	2,984,959	93,215
1971.....	11,894	12,770	89,656	411,542	2,943,580	102,159
1972.....	11,764	13,876	91,968	405,079	3,072,875	94,875
1973.....	11,609	14,396	95,643	385,446	3,006,752	89,610
1974.....	11,202	8,198	112,167	363,484	2,849,200	78,411

1/ Data for the years 1965-1969 reflect revisions from the 1969 Census of Agriculture and SRS.

2/ January 1 inventory.

3/ Cattle inventory numbers for 1970 to date reflect the revised method of combining classes and weights for cattle and calves on farms as reported in Cattle, USDA, SRS, LvGn1 (73), Feb. 1973.

4/ Number raised during year.

Table 17.--Farm Machinery; Number of specified kinds on farms, and tractor horsepower, United States, 1950-75 1/

Year	Tractors (exclusive of steam and garden)		Motor-trucks 2/	Auto-mobiles 2/	Grain combines	Corn-pickers and picker-shellers 3/	Farms with milking machines	Pickup balers	Field forage harvesters
	Number 2/	Horsepower							
1950.....	4/3,394	93	4/2,207	4,100	4/714	4/456	4/636	4/196	81
1951.....	3,678	101	2,325	---	810	522	655	240	102
1952.....	3,907	108	2,430	---	887	588	675	298	124
1953.....	4,100	115	2,535	---	930	630	690	345	148
1954.....	4,243	121	2,610	---	965	660	705	395	175
1955.....	4/4,345	126	2,675	4,140	4/980	4/688	4/712	4/448	4/202
1956.....	4,480	134	2,707	---	1,005	715	---	505	220
1957.....	4,570	139	2,745	---	1,015	740	---	560	240
1958.....	4,620	144	2,775	---	1,030	755	---	600	258
1959.....	4,673	150	2,800	---	1,045	775	---	645	270
1960.....	4/4,688	153	4/2,834	3/3,636	4/1,042	4/792	4/666	4/680	4/291
1961.....	4,743	158	2,850	---	980	740	---	685	291
1962.....	4,763	162	2,885	---	960	730	---	703	300
1963.....	4,778	167	2,925	---	940	720	---	718	307
1964.....	4,786	172	2,970	---	920	705	---	734	312
1965.....	4/4,787	176	4/3,030	3/3,593	4/910	4/690	4/500	4/751	4/316
1966.....	4,783	182	3,017	---	888	686	---	752	316
1967.....	4,786	189	3,009	---	867	680	---	748	319
1968.....	4,766	195	3,016	---	847	673	---	739	321
1969.....	4,712	199	3,004	---	820	657	---	725	314
1970.....	4/4,619	203	4/2,984	3/2,688	790	4/635	---	4/708	304
1971.....	4,562	206	2,969	---	760	618	---	687	300
1972.....	4,469	209	2,943	---	725	612	---	663	298
1973.....	4,387	212	2,915	---	703	607	---	642	294
1974.....	4,376	219	2,906	---	698	603	---	633	295
1975 5/.....	4,263	222	2,882	---	678	594	---	609	286

1/ Current Industrial Reports of the Bureau of the Census (formerly Facts for Industry), annual registrations of motor vehicles, results of enumerative and mailed questionnaire surveys, changes in gross farm income, and estimated discard rates, were used in developing estimates for years and machines not covered by census reports. Data as of January 1.

2/ Annual data for 1910-49 in 1964 issue of this publication, except for automobiles which are not estimated for intercensal years after 1940. Includes Alaska and Hawaii in 1960 and later years.

3/ Includes cornheads for combines.

4/ Census of Agriculture, census dates; April 1, 1950; November 1954, 1959, 1964, and 1969.

5/ Preliminary.

Table 18.--Farm Machinery: Number of tractors on farms, by type,  
United States, Jan. 1, 1950-75 1/

Year	Total	Wheel	Crawler	Garden 2/
<u>Thousands</u>				
1950 3/.....	3,610	3,250	144	216
1951.....	3,920	3,531	147	242
1952.....	4,175	3,756	151	268
1953.....	4,396	3,946	154	296
1954.....	4,558	4,086	157	315
1955 3/.....	4,677	4,185	160	332
1956.....	4,833	4,310	170	353
1957.....	4,945	4,392	178	375
1958.....	5,020	4,434	186	400
1959.....	5,098	4,481	192	425
1960 3/.....	5,138	4,489	199	450
1961.....	5,211	4,547	196	468
1962.....	5,248	4,570	193	485
1963.....	5,278	4,588	190	500
1964.....	5,299	4,598	188	513
1965 3/.....	5,486	4,601	186	699
1966.....	5,508	4,594	189	725
1967.....	5,536	4,593	193	750
1968.....	5,536	4,570	196	770
1969.....	5,502	4,513	199	790
1970 3/.....	5,424	4,416	203	805
1971.....	5,382	4,357	205	820
1972.....	5,299	4,264	205	830
1973.....	5,232	4,182	205	845
1974.....	5,241	4,173	203	865
1975 4/.....	5,143	4,062	201	880

1/ Annual data for 1945-49 in 1964 issue of this publication. Includes Alaska and Hawaii, 1960 and later years.

2/ Motor tillers included in 1965 and later years.

3/ Census of Agriculture, census dates April 1, 1950; November 1954, 1959, 1964 and 1969.

4/ Preliminary.

Table 19.--Labor: Total hours used for farmwork, by enterprise groups, United States, 1950-74 1/

Year	All farm work 2/	Livestock and livestock products 3/				Crops 4/									
		All	Meat animals	Milk cows	Poultry	All	Feed grains	Hay and forage	Food grains	Vege- tables	Fruits and nuts	Sugar crops	Cotton	Tobacco	Oil crops
Million hours															
1950.....	15,137	5,548	1,451	2,749	1,161	6,922	1,484	695	327	643	619	135	1,298	745	199
1951.....	15,222	5,460	1,520	2,651	1,101	7,204	1,348	679	345	578	623	103	1,760	837	184
1952.....	14,504	5,326	1,510	2,581	1,045	6,850	1,250	647	365	555	586	95	1,655	820	167
1953.....	13,966	5,206	1,462	2,591	962	6,627	1,188	632	353	566	562	95	1,609	746	162
1954.....	13,310	5,130	1,479	2,551	911	6,238	1,174	680	293	533	537	100	1,269	772	171
1955.....	12,808	4,948	1,498	2,422	840	6,012	1,154	671	253	521	536	88	1,235	710	175
1956.....	12,028	4,728	1,434	2,301	807	5,574	1,012	616	245	509	558	80	1,074	663	183
1957.....	11,059	4,472	1,368	2,158	761	5,001	966	617	203	474	546	81	818	524	173
1958.....	10,548	4,225	1,357	1,983	701	4,818	891	569	217	470	562	78	769	515	181
1959.....	10,301	4,076	1,395	1,841	657	4,771	840	517	190	435	567	78	911	539	161
1960.....	9,795	3,826	1,307	1,745	593	4,590	784	524	188	438	531	71	831	549	164
1961.....	9,400	3,709	1,293	1,664	574	4,370	639	497	186	440	524	78	772	567	177
1962.....	8,979	3,527	1,252	1,570	530	4,190	587	510	168	435	481	79	679	606	175
1963.....	8,664	3,362	1,236	1,462	491	4,088	580	498	173	418	462	86	647	591	181
1964.....	8,194	3,181	1,191	1,360	459	3,867	503	496	177	403	448	95	573	546	189
1965.....	7,338	2,968	1,107	1,250	444	3,419	502	410	176	407	454	85	482	468	206
1966.....	6,863	2,828	1,092	1,133	438	3,146	496	372	173	404	429	82	308	440	213
1967.....	6,680	2,706	1,078	1,039	426	3,107	517	356	203	406	446	75	240	409	226
1968.....	6,424	2,571	1,050	961	399	3,020	481	343	196	408	432	77	272	350	231
1969.....	6,198	2,422	1,008	876	380	2,973	469	339	172	374	466	78	275	341	230
1970.....	5,983	2,344	998	816	373	2,864	464	331	157	363	445	74	260	309	231
1971.....	5,901	2,241	963	768	355	2,895	510	344	174	350	463	70	264	264	226
1972.....	5,659	2,112	908	720	330	2,814	451	329	171	354	429	75	299	241	236
1973.....	5,605	1,962	848	660	301	2,917	469	336	187	358	482	69	267	245	275
1974...5/	5,478	1,849	812	611	274	2,921	440	327	223	364	468	67	287	261	254

Supplement III to this publication contains a similar table for each region. See preface.

1/ Annual data for 1910-49 in 1964 issue of this publication.

2/ Includes labor used on crops, livestock, and overhead. After 1964, labor used for horses and mules and farm gardens are excluded.

3/ For livestock included in each group, see table 1, footnotes 3 to 7.

4/ For crops included in each group, see table 1, footnotes 8 to 16.

5/ Preliminary.

Table 20.--Labor: Indexes of total hours used for farmwork, by enterprise groups, United States, 1950-74 1/

(1967=100)

Year	All farm work	Livestock and livestock products				Crops										
		All	Meat animals	Milk cows	Poultry	All	Feed grains	Hay and forage	Food grains	Vegetables	Fruits and nuts	Sugar crops	Cotton	Tobacco	Oil crops	
1950..	218	205	135	265	273	211	287	195	161	159	139	180	541	182	88	
1951..	219	202	141	255	259	220	261	191	170	142	140	138	734	204	81	
1952..	209	197	140	248	246	209	242	182	180	137	131	127	690	200	74	
1953..	201	192	136	249	226	202	230	178	174	140	126	127	671	182	72	
1954..	192	190	137	246	214	190	227	191	144	131	120	134	529	189	76	
1955..	185	183	139	233	197	183	223	188	124	129	120	117	515	173	77	
1956..	173	175	133	222	189	170	196	173	121	126	125	106	448	162	81	
1957..	159	165	127	208	179	152	187	173	100	117	122	108	341	128	77	
1958..	152	156	126	191	165	147	172	160	107	116	126	104	320	126	80	
24	1959..	148	151	129	177	154	145	163	145	94	107	127	103	380	132	71
1960..	141	141	121	168	139	140	152	147	92	108	119	95	346	134	72	
1961..	135	137	120	160	135	133	124	140	92	109	118	103	322	139	78	
1962..	129	130	116	151	124	128	114	143	83	107	108	105	283	148	78	
1963..	125	124	115	141	115	125	112	140	85	103	104	115	270	144	80	
1964..	118	118	110	131	108	118	97	139	87	99	100	126	239	133	84	
1965..	110	110	103	120	104	110	97	115	87	100	102	113	201	114	91	
1966..	103	104	101	109	103	101	96	104	85	100	96	109	128	108	95	
1967..	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
1968..	96	95	97	92	94	97	93	96	96	101	97	103	113	86	102	
1969..	93	90	93	84	89	96	91	95	84	92	104	104	114	83	102	
1970..	90	87	93	79	88	92	90	93	77	89	100	98	108	75	102	
1971..	88	83	89	74	83	93	99	97	86	86	104	93	110	64	100	
1972..	85	78	84	69	77	91	87	92	84	87	96	100	125	59	104	
1973..	84	73	79	64	71	94	91	94	92	88	108	92	111	60	122	
1974..	82	68	75	59	64	94	85	92	110	90	105	89	120	64	112	

Computed from unrounded data.

1/ See footnotes, table 19.

Table 21.--Labor: Total hours used for farmwork, by regions, 1950-74 1/

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Year	North-east	Lake States	Corn Belt	Northern Plains	Appalachian	South east	Delta States	Southern Plains	Mountain	Pacific	United States
	Million hours										
1950....	1,278	1,533	2,548	1,147	2,318	1,609	1,397	1,431	783	1,093	15,137
1951....	1,219	1,496	2,500	1,141	2,369	1,690	1,425	1,492	770	1,120	15,222
1952....	1,163	1,450	2,423	1,093	2,265	1,562	1,377	1,358	738	1,075	14,504
1953....	1,138	1,415	2,341	1,067	2,113	1,485	1,367	1,321	707	1,012	13,966
1954....	1,099	1,385	2,296	1,065	2,050	1,342	1,156	1,225	721	971	13,310
1955....	1,051	1,341	2,208	1,009	1,912	1,331	1,123	1,195	685	953	12,808
1956....	1,005	1,289	2,091	926	1,806	1,204	1,010	1,090	653	954	12,028
1957....	934	1,221	1,974	911	1,566	1,032	859	1,003	634	925	11,059
1958....	895	1,154	1,875	859	1,504	965	785	990	612	909	10,548
1959....	839	1,112	1,825	790	1,492	988	815	958	576	906	10,301
1960....	803	1,052	1,711	771	1,421	951	761	901	553	871	9,795
1961....	773	1,019	1,601	721	1,384	913	743	866	533	847	9,400
1962....	729	970	1,514	717	1,354	902	662	786	519	826	8,979
1963....	686	925	1,450	690	1,318	880	669	742	504	800	8,664
1964....	651	888	1,365	658	1,223	810	628	699	486	786	8,194
1965....	603	811	1,237	619	1,019	739	529	635	422	724	7,338
1966....	561	756	1,174	598	944	687	468	556	398	721	6,863
1967....	534	726	1,157	599	895	694	444	558	391	682	6,680
1968....	501	692	1,089	585	833	644	437	555	389	699	6,424
1969....	472	649	1,023	553	803	647	424	556	391	680	6,198
1970....	458	625	988	537	750	619	412	554	381	659	5,983
1971....	435	624	986	547	713	619	407	538	375	657	5,901
1972....	395	586	928	523	673	593	405	551	365	640	5,659
1973....	384	566	895	524	658	592	382	555	364	685	5,605
1974...2/	377	552	849	508	659	582	400	525	351	675	5,478

1/ Hours include labor on crops, livestock, and overhead. After 1964, hours for horses and mules and farm gardens are excluded. Annual data for 1939-49 in 1964 issue of this publication. For States in each region, see map on p. ii.

2/ Preliminary.

Table 22.--Labor: Indexes of total hours used for farmwork, by regions, 1950-74 1/

(1967=100)

Year	North-east	Lake States	Corn Belt	Northern Plains	Appalachian	South-east	Delta States	Southern Plains	Mountain	Pacific	United States
1950...	233	207	214	188	239	224	290	245	193	158	218
1951...	222	202	210	187	244	236	295	255	190	162	219
1952...	212	196	203	179	233	218	285	232	182	156	209
1953...	207	191	196	175	218	207	283	226	174	147	201
1954...	200	187	193	175	211	187	240	209	178	141	192
1955...	192	181	185	166	197	186	233	204	169	138	185
1956...	183	174	176	152	186	168	209	186	161	138	173
1957...	170	165	166	149	161	144	178	171	156	134	159
1958...	163	156	157	141	155	134	163	169	151	132	152
1959...	153	150	153	130	154	138	169	164	142	131	148
26											
1960...	146	142	144	127	146	133	158	154	136	126	141
1961...	141	137	134	118	143	127	154	148	132	123	135
1962...	133	131	127	118	140	126	137	134	128	120	129
1963...	125	125	122	113	136	123	139	127	124	116	125
1964...	119	120	115	108	126	113	130	120	120	114	118
1965...	113	112	107	103	114	107	119	114	108	106	110
1966...	105	104	102	100	105	99	105	100	102	106	103
1967...	100	100	100	100	100	100	100	100	100	100	100
1968...	94	95	94	98	93	93	98	99	100	102	96
1969...	88	90	88	92	90	93	95	100	100	100	93
1970...	86	86	85	90	84	89	93	99	97	97	90
1971...	81	86	85	91	80	89	92	96	96	96	88
1972...	74	81	80	87	75	85	91	99	93	94	85
1973...	72	78	77	87	74	85	86	100	93	100	84
1974...	70	76	73	85	74	84	90	94	90	99	82

Computed from unrounded data.

1/ See footnotes, table 21.

Table 23.--Labor: Indexes of farm production per hour, by enterprise groups, United States, 1950-74 1/

(1967= 100)

Year	Farm output 2/	Livestock and livestock products 3/				Crops 4/									
		All	Meat animals	Milk cows	Poultry	All	Feed grains	Hay and forage	Food grains	Vegetables	Fruits and nuts	Sugar crops	Cotton	Tobacco	Oil crops
1950..	34	37	55	35	21	36	22	40	40	55	67	38	25	57	52
1951..	35	39	56	36	23	35	23	42	38	56	67	39	28	58	58
1952..	38	40	56	37	24	39	26	43	46	58	69	43	30	57	62
1953..	40	42	57	39	27	40	27	46	43	60	74	48	31	58	65
1954..	42	43	59	40	30	42	28	42	46	63	78	51	43	60	64
1955..	45	46	62	42	32	45	30	46	51	66	78	53	37	65	69
1956..	48	49	62	45	37	48	34	47	54	72	78	58	45	69	74
1957..	51	50	63	49	39	53	39	51	62	75	73	66	54	66	75
1958..	57	54	65	53	45	61	47	56	85	78	76	66	47	70	86
1959..	60	59	68	56	49	61	51	59	78	83	78	74	41	69	90
1960..	65	62	70	60	55	66	57	61	93	83	78	78	49	74	94
1961..	68	66	74	65	61	69	62	64	86	88	82	81	61	76	99
1962..	71	71	78	70	66	72	68	65	89	88	90	82	72	80	100
1963..	77	77	83	74	73	77	76	67	91	91	91	96	78	83	101
1964..	81	83	89	80	81	79	76	68	98	91	95	75	97	85	96
1965..	89	86	89	87	87	90	90	85	101	96	98	88	102	82	104
1966..	92	93	95	93	93	94	93	92	104	97	102	100	102	89	102
1967..	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1968..	106	105	104	108	104	106	102	103	109	103	101	110	131	101	112
1969..	110	112	110	117	112	108	109	106	117	110	112	111	120	110	114
1970..	112	121	116	127	120	110	99	108	118	113	109	116	129	129	115
1971..	126	130	126	136	129	120	117	109	124	116	112	126	132	134	121
1972..	129	138	131	148	142	124	129	114	121	116	108	128	150	149	126
1973..	133	144	137	153	149	128	126	116	123	116	120	122	158	147	127
1974.5/	129	156	147	166	166	117	108	113	109	122	116	120	131	156	115

Supplement IV to this publication contains a similar table for each region. See preface.

1/ Annual data for 1910-49 in 1964 issue of this publication.

2/ Hours in ratio includes labor used on crops, livestock, and overhead. After 1964, horses and mules and farm gardens are excluded.

3/ For livestock included in each group, see table 1, footnotes 3 to 7.

4/ For crops included in each group, see table 1, footnotes 8 to 16.

5/ Preliminary.

Table 24.--Labor: Indexes of farm production per hour, by regions, 1950-74 1/

(1967=100)

Year	North-east	Lake States	Corn Belt	Northern Plains	Appa-lachian	South-east	Delta States	Southern Plains	Mountain	Pacific	United States	
1950....	39	38	32	35	34	29	23	31	34	46	34	
1951....	41	41	32	34	36	32	25	31	36	47	35	
1952....	43	43	36	38	37	33	27	34	40	51	38	
1953....	45	45	36	36	39	38	30	37	45	55	40	
1954....	48	47	38	37	41	37	33	40	41	58	42	
1955....	49	49	42	37	45	45	39	42	44	59	45	
1956....	53	53	44	39	50	49	40	43	47	62	48	
1957....	54	55	46	46	49	50	40	49	51	65	51	
1958....	61	60	52	59	55	56	44	57	56	66	57	
1959....	63	65	56	55	57	58	52	59	58	70	60	
28	1960....	67	68	60	66	60	62	54	66	62	71	65
	1961....	71	73	64	64	64	68	59	71	63	73	68
	1962....	71	74	69	70	67	70	67	73	66	77	71
	1963....	77	81	76	73	71	75	74	79	71	82	77
	1964....	81	82	77	76	76	80	82	85	72	86	81
	1965....	87	87	88	84	80	89	90	98	84	92	89
	1966....	88	94	91	95	90	87	93	97	94	93	92
	1967....	100	100	100	100	100	100	100	100	100	100	100
	1968....	101	108	104	103	114	99	115	113	104	100	106
	1969....	110	111	109	109	121	105	114	105	109	100	110
	1970....	117	119	108	119	136	108	124	111	121	110	112
	1971....	125	130	127	125	148	125	130	106	126	111	126
	1972....	123	133	131	131	152	127	135	118	133	112	129
	1973....	131	141	134	144	143	131	137	132	118	121	133
	1974..2/	140	134	130	125	146	142	129	119	123	127	129

1/ Hours in ratio include labor on crops, livestock, and overhead. After 1964, horses and mules and farm gardens are excluded. Annual data for 1939-49 in 1964 issue of this publication. For States in each region, see map on p. ii.

2/ Preliminary.

TABLE 25.--INPUTS: INDEXES OF TOTAL FARM INPUTS, AND MAJOR INPUT GROUPS, UNITED STATES, 1950-74  
(1967 = 100)

YEAR	TOTAL INPUT		FARM LABOR	FARM REAL ESTATE	MECHANICAL POWER AND MACHINERY	AGRICUL- TURAL CHEMICALS	FEED, SEED, & LIVESTOCK PURCHASES	TAXES AND INTEREST	MISCEL- LANEOUS	
	NON- PURCHASED	PURCHASED								
	ALL	1/ 2/								
1950	102	151	68	217	104	85	30	62	79	86
1951	105	154	71	217	104	91	33	66	80	92
1952	105	151	73	207	103	95	36	68	82	91
1953	104	149	73	200	103	97	37	67	83	90
1954	103	147	73	192	103	97	38	70	82	88
1955	103	144	74	185	103	98	40	71	85	92
1956	101	139	75	174	101	99	41	74	84	88
1957	99	132	75	162	101	98	41	73	83	92
1958	98	128	78	155	99	98	44	78	85	96
1959	100	125	82	151	100	99	50	82	88	100
1960	98	120	84	145	99	98	50	82	90	102
1961	98	117	84	139	99	95	54	86	91	102
1962	98	114	86	133	99	95	59	88	93	105
1963	98	110	89	128	99	94	66	89	94	106
1964	98	108	90	122	99	94	72	91	96	109
1965	96	104	91	109	99	95	77	92	97	107
1966	98	101	95	103	99	97	86	97	99	103
1967	100	100	100	100	100	100	100	100	100	-100
1968	101	99	102	97	99	101	106	101	102	106
1969	101	97	103	93	98	101	110	103	103	105
1970	101	95	104	90	98	100	110	108	104	108
1971	101	95	105	89	97	100	120	108	102	107
1972	101	94	106	85	95	99	126	108	104	114
1973	102	94	107	85	95	102	133	106	102	110
1974 5/-	101	96	105	83	94	105	138	101	98	99

1/ Includes operator and unpaid family labor, and operator-owned real estate and other capital inputs.

2/ Includes all inputs other than non-purchased inputs.

3/ Includes fertilizer, lime, and pesticides.

4/ Nonfarm portion of feed, seed, and livestock purchases.

5/ Preliminary.

TABLE 26.—FARM INPUT: INDEXES OF TOTAL FARM INPUT BY REGIONS, 1950-74 <sup>1/</sup>  
(1967 = 100)

YEAR	NORTHEAST	LAKE	CORN BELT	NORTHERN PLAINS	APPALACHIAN	SOUTHEAST	DELTA STATES	SOUTHERN PLAINS	MOUNTAIN	PACIFIC	UNITED STATES
1950	134	107	91	95	118	96	103	106	97	93	102
1951	133	109	93	97	122	102	108	111	99	97	105
1952	132	109	95	99	122	101	108	108	100	97	105
1953	129	110	95	98	118	101	109	107	100	95	104
1954	127	110	95	99	117	99	102	104	100	95	103
1955	124	111	96	99	115	99	102	103	100	95	103
1956	122	110	94	95	113	97	99	100	99	97	101
1957	118	108	93	95	106	92	92	97	98	96	99
1958	116	106	93	95	105	91	89	98	99	98	98
1959	114	107	95	93	107	94	95	100	101	101	100
1960	112	104	93	94	105	92	94	99	100	100	98
1961	109	104	92	92	104	92	95	99	99	101	98
1962	108	101	92	94	104	93	94	98	99	101	98
1963	106	100	93	93	104	93	97	98	100	100	98
1964	103	100	94	93	103	94	98	98	101	101	98
1965	102	97	93	94	99	94	96	98	98	99	96
1966	101	98	97	97	99	96	96	97	98	99	98
1967	100	100	100	100	100	100	100	100	100	100	100
1968	98	100	100	102	99	101	104	103	101	101	101
1969	96	99	100	103	98	102	103	104	102	100	101
1970	95	98	100	103	98	102	104	106	102	100	101
1971	94	100	101	103	98	102	106	105	102	100	101
1972	92	99	101	104	96	101	107	110	102	101	101
1973	92	99	101	107	95	104	103	113	104	102	102
1974 <sup>2/</sup>	90	98	102	105	95	102	105	109	102	103	101

1/ See footnote 1, table 25.

2/ Preliminary.



**END**