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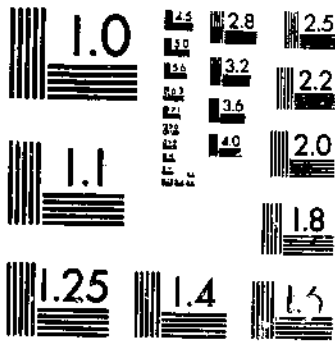
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NATIONAL AND STATE LIVESTOCK-FEED RELATIONSHIPS

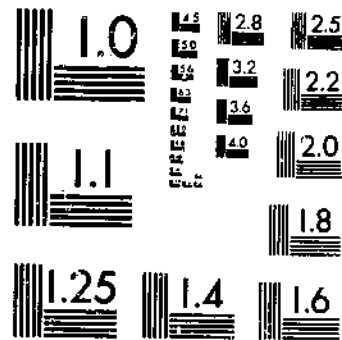
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NATIONAL AND STATE LIVESTOCK-FEED RELATIONSHIPS

by

George C. Allen, Agricultural Economist
and
Margaret Devers, Statistical Assistant
Farm Production Economics Division

INTRODUCTION

Livestock convert many kinds of feeds into simple and soluble materials for absorption and assimilation. In this country, livestock feed on corn and other grains that are often of a quality suitable for human consumption. Still, about 60 percent of the feed consumed by livestock, mainly grasses and other roughages, is inedible for humans. Much of the grain consumed by livestock is needed to make the most economical use of roughages and to make such livestock products as meat more acceptable to consumers.

Although much grain is fed on farms where it is produced, about two-thirds of all concentrates used are purchased commercially. In some parts of the country, particularly the northeast and southeast, and in California, most of the concentrates are imported from surplus feed-producing areas. Maintaining this country's livestock-feed balance involves a complex system of merchants, manufacturers, transportation firms, and related interests that supply the farms, ranches, and feedlots where the feed-to-livestock conversion takes place. Statistical information on the use of all types of feedstuffs is thus important to a wide range of agricultural and other industrial interests.

The livestock-feed balance refers to both physical and economic interrelationships between livestock and feed. In a physical sense, livestock production depends on feed, and volume of production is closely associated with quantity of available feed. Historically, when supplies of feed are large, so is the production of livestock. A reduction in supply of feed usually brings a concentration in livestock numbers.

Statistical indexes in this report^{1/} measure the physical livestock-feed relationships on a State and national basis, by kinds of on-farm livestock during the feeding years 1959 through 1968.^{2/} National data are shown for 1926 through 1968 (table 1). The major

^{1/} Because of a change in the base period, this report replaces Statistical Bulletin 337, USDA, ERS, with its annual supplements last published in January 1969. Annual supplements will be issued for the new bulletin.

^{2/} In this publication, unless otherwise specified, annual data are for the feeding year beginning October 1. Thus feeding year 1968 extends from October 1, 1968, to September 30, 1969.

indexes (grain-consuming, roughage-consuming, and grain-and-roughage-consuming animal units) are calculated on the livestock-feed relationships for the base years 1959-61. Also presented are current estimates of livestock-production units, high-protein animal units, and feed consumption by various classes of livestock in tons and in equivalent feed units, 1960-68.

One use of animal units is to add different kinds of livestock or poultry for statistical purposes. Thus, turkey and milk cow animal units are additive in terms of a common feed consumption denominator. Also, a particular category of livestock--such as cattle on feed--is more comparable when represented by a feed-based index than when a finished Colorado steer is compared with an Iowa or Illinois steer. The point is often made that a Corn Belt-finished steer is a different product simply because of average age and weight at placement, time on feed, and higher finished live weight. We recognize that Corn Belt cattle are usually fed a different concentrate ration than Texas or California herds. But by reducing all feed inputs to an equivalent factor that represents all feed concentrates fed to a specific kind of livestock we can more validly compare cattle in different States by animal units rather than inventory numbers.

CURRENT INDEX BASE PERIOD

The animal unit and livestock-production unit series published previously used 1940-45 as a base period. Data for that period were used to estimate the consumption of various harvested feeds in each State, by kind of livestock, and the contribution of pasture.

Since then considerable change has occurred in feeding rates, feed mix, and even type of livestock and poultry produced. Therefore, a change in base period was necessary. Similar data on the consumption of harvested feed are available for the period 1959-61. Feeding rates reported by kind of livestock and by States in Statistical Bulletin No. 379 were considered applicable to this period. National Research Council data coinciding with that time frame were used to calculate total feed units required annually by each class of livestock and further to estimate new factors, by States, for pasture and range consumption.

To facilitate the change to the new base period, the concepts upon which the indexes are based were not changed. The indexes are still based on the feed consumption of an average milk cow during the base period.

Since the average milk cow consumed more feed in 1959-61 than in 1940-45, the unit is much larger and the number of units is smaller. Based on the new period, animal units weighted by concentrate consumption number about 37 percent less, while animal units based on roughage are off about 5 percent and those based on all feeds off about 16 percent. New factors for animal units by State are given in appendix tables A-D.

CURRENT SITUATION AND OUTLOOK^{3/}

Grain-consuming animal units increased 2 percent in the 1968 feeding year to 113.9 million units (fig. 1). Milk cows, including other dairy cattle, together with other beef and sheep continued to decrease but at a declining rate. Hens and pullets declined 2 percent and broilers 4 percent; mules and horses were unchanged. The 1969 feeding year will probably show a further 2-percent increase from the 1968 level. Cattle on feed may be up about 5 percent, while hogs may increase 3 percent. Chickens raised for replacements may continue a 2-year upturn. Broilers could reach an alltime high and exceed this year's figure by 7 percent.

Roughage-consuming animal units in feeding year 1968 were below the preceding year by nearly 1 percent. This decline came from milk cows, other dairy cattle, sheep and goats. Nearly offsetting increases occurred with cattle on feed, hogs, and turkeys. The outlook for the current feeding year is for continued declines in dairy cattle, plus a further decline in sheep and goats.

Grain-and-roughage-consuming animal units, based on all feeds including pasture, are relatively unchanged from year-ago levels. Prospects for 1969 indicate that a slight increase may occur despite a continued decline from the dairy and sheep-goat sectors. Cattle on feed and broilers may each show an increase of 6 percent, followed by hogs (4 percent) and turkeys (3 percent). Overall, an increase of 1 percent for grain-and-roughage-consuming units appears to be a reasonable estimate.

Livestock-production units based on concentrates during feeding year 1968 were well above the record high set a year earlier (fig. 2). Minor decreases occurred in live weight production from other beef cattle, sheep and lambs, and in the milk and egg categories (table 49).

Livestock-production units based on all feed, including harvested roughages and pasture, changed little from the preceding year (fig. 3). Decreases, by kind of production, paralleled the categories noted in the units based on concentrates fed.

High-protein animal units totaled 133.9 million units during the 1968 feeding year, about 2 percent above the previous year. A record 18.6 million tons of 44 percent high-protein meal equivalent were estimated to be available for feed during the year. This amounted to 277 pounds available for each animal unit, up 7 pounds from the preceding year (table 58). Cattle on feed showed the greatest increase in number of units, followed by broilers and turkeys. Dairy cattle and sheep units continued their downward pattern with other kinds of livestock and poultry relatively unchanged from the 1968 feeding year.

Continued increases are anticipated during the 1969 feeding year for cattle on feed and broilers. The 1969 projection for high-protein animal units is around 137.2 million units. If the quantity per animal unit for 1969 equals the 1968 level, approximately 19 million tons of

^{3/} Unless otherwise indicated, index series are based on the 1959-61 base period.

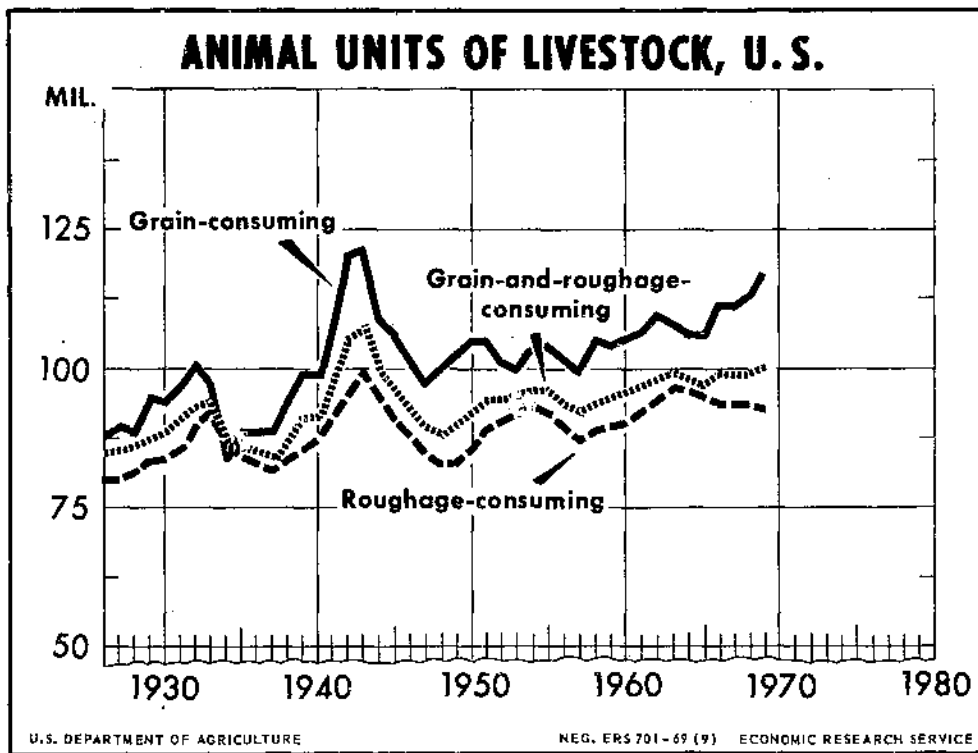


Figure 1

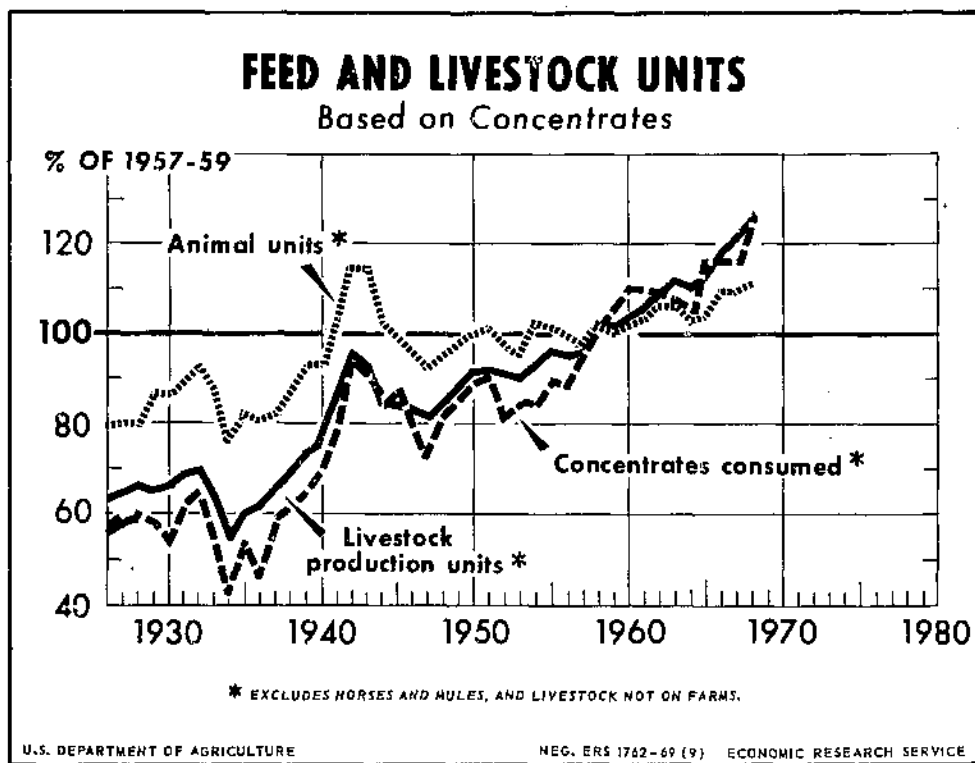


Figure 2

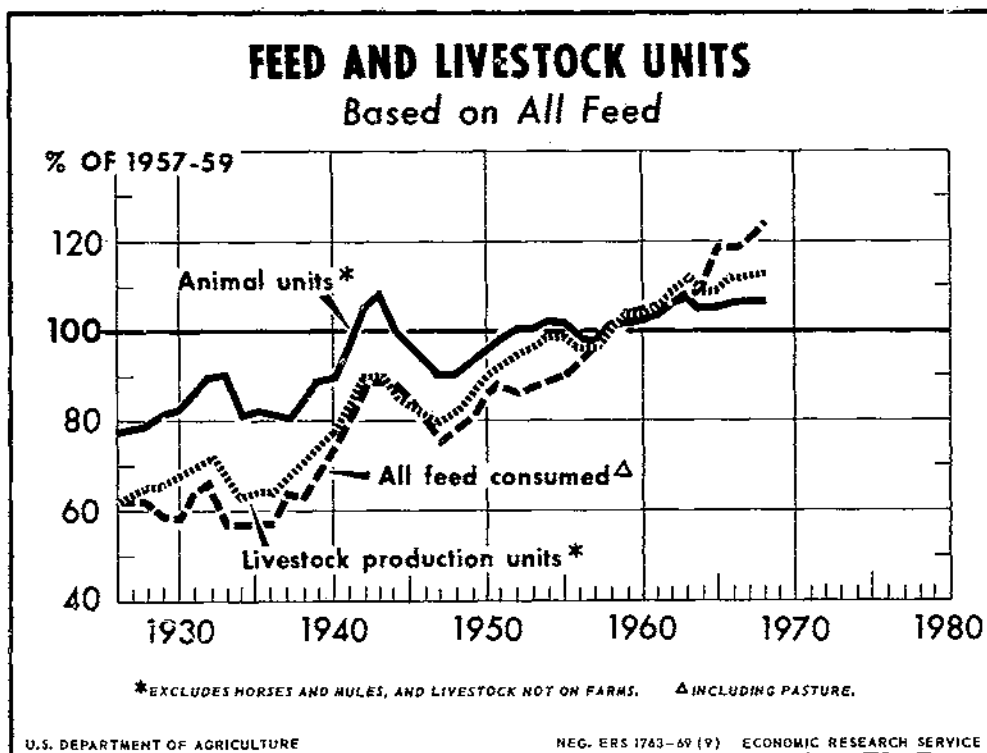


Figure 3

high-protein feeds could be fed. Hogs may show a 3-percent increase in units while turkeys, replacement chickens raised, and hens and pullets will show smaller increases. Overall, high-protein animal units in the 1969 feeding year may show an increase of 2 percent.

REGIONAL AND STATE COMPARISONS OF ANIMAL UNITS

For the first time since animal unit index series have been published, State indexes for each kind of livestock--as well as regional and national totals--are reported. Further development with electronic data processing will provide additional useful data in the annual supplements to this bulletin.

These indexes include 11 major categories of farm livestock and poultry. Tables 5 through 41 list the animal unit indexes for each State and region by kind of livestock for feeding years 1959 through 1968. Discussion is limited to major changes that have occurred.

Grain-Consuming Animal Units by Regions

Regional totals and percentages of grain-consuming animal units are listed in table 17 for feeding years 1959-68. Differences between 1959 and 1968 totals are much less on an aggregate basis than a regional one. For the 10-year period, the average annual change for all grain-consuming animal units is a little less than 1 percent. A comparison of 1959 and 1968 regional distributions shows only minor changes. In fact, differences range during the decade from only about 0.5 to less than 3 percentage points.

Milk Cows and Other Dairy Cattle

Animal units of milk cows continue to decline. In 1968 they were 3 percent below the preceding year, ranging from as much as a 9-percent decrease in New Jersey to a 2-percent increase in Idaho. Regional changes for animal unit numbers for selected years were:

	<u>1968 as a percentage of--</u>	
	<u>1959</u>	<u>1967</u>
Northeast.....	80	97
Lake States.....	83	97
Corn Belt.....	61	95
Northern Plains.....	61	93
Appalachian.....	67	95
Southeast.....	74	98
Delta States.....	57	96
Southern Plains.....	58	95
Mountain.....	78	100
Pacific.....	<u>88</u>	<u>98</u>
All regions.....	73	97

Milk production for the fluid market is now more in line with consumption needs. Output is definitely down in the Corn Belt and Northern Plains; these regions together formerly produced more milk than the Lake States, the Nation's largest dairy center (table 5). For the next few years, milk cow units may continue to decline, but at a less rapid rate.

Animal units of other dairy cattle follow trends of milk cows since they reflect mostly dairy replacement stock. Units fed annually from 1959 through 1968 are shown in table 6.

Cattle on Feed

A dramatic change in animal agriculture has been the increased feeding of beef cattle. Since 1959, each year has seen the preceding year's record exceeded. Along with this industrywide growth came many feeding innovations which are not reflected in the feed index. For example, synthetics such as urea--growing sharply in popularity--are not considered in the index.

Since 1959, animal units of cattle on feed have increased 67 percent (table 7). In some States increases have been much more rapid. Texas, Oklahoma, New Mexico, Kansas, and Nebraska each had over twice as many animal units in 1968 as in 1959. Most of the gain in these States is a direct result of high-yielding sorghum grains, the advantages of dry climate, and highly localized markets and meat processing centers. Yet, the older established cattle feeding areas still contribute the major share of fed beef to our total supply, about two-thirds comes from the Corn Belt. On the basis of animal units, however, the Corn Belt's share in 1959 was only 7 percentage points above the 1968 share. No Corn Belt State had a percentage increase equal to the U.S. total.

Cattle feeding has shown sizable volume increases in five Mountain States equaling or exceeding the U.S. increase. In the Appalachian and Southeast regions there has been a much smaller and less uniform increase

in animal units of cattle on feed. This is partly due to the continued practice of slaughtering grass-fat cattle fed on little or no grain. Another factor would be the relatively high feeder cattle prices paid by out-of-region buyers who siphon off what might have been locally fed out on grains.

Regional changes that have occurred for grain-consuming units of cattle on feed for selected years are:

	<u>1968 as a percentage of--</u>	
	<u>1959</u>	<u>1967</u>
Northeast ^{1/}	101	99
Lake States.....	136	99
Corn Belt.....	141	110
Northern Plains.....	209	110
Appalachian.....	113	101
Southeast.....	124	98
Delta States.....	73	100
Southern Plains.....	407	130
Mountain.....	175	113
Pacific.....	<u>144</u>	<u>107</u>
All regions.....	167	111

^{1/} New York and Maryland not included.

Other Beef Cattle

Since concentrate consumption by other beef cattle is generally confined to periods of stress--cold weather, drought, and short supplies of harvested roughages--the annual amount consumed per head is relatively low. Nevertheless, other beef cattle represent the basis for practically all our beef supplies. As the basic capital plant for finished beef supplies, the cow-calf operation fairly well determines future supplies to meet expanding demand. Other beef cattle made up only 5 percent of the U.S. total grain-consuming animal units for 1968 (table 8), yet these animal units represent nearly half the total January 1 inventory number of on-farm cattle and calves.

Regional changes that occurred for other beef cattle units for selected years are:

	<u>1968 as a percentage of--</u>	
	<u>1959</u>	<u>1967</u>
Northeast.....	109	103
Lake States.....	139	100
Corn Belt.....	111	99
Northern Plains.....	129	98
Appalachian.....	162	102
Southeast.....	140	101
Delta States.....	134	99
Southern Plains.....	135	104
Mountain.....	121	99
Pacific.....	<u>129</u>	<u>98</u>
All regions.....	130	100

Sheep

For several years, animal units of sheep have declined steadily (table 9). With beef and pork demand strong, many farmers engaged in wool and lamb production have shifted to other kinds of livestock production, notably beef and pork. Grain-consuming units for sheep combine stock sheep and sheep on feed. Like cow-calf operators, sheep farmers and ranchers feed their stock sheep concentrate supplements during periods of extreme stress. Generally, ewes are wintered on pasture or legume-grass mixed hay with little supplemental feeding. Of course, lambs being fed for slaughter are given liberal quantities of grain to achieve most efficient gains. The following tabulation illustrates the fairly rapid regional decline in sheep and lambs during the past decade:

	<u>1968 as a percentage of--</u>	
	<u>1959</u>	<u>1967</u>
Northeast.....	58	93
Lake States.....	61	98
Corn Belt.....	56	98
Northern Plains.....	56	89
Appalachian.....	35	93
Southeast.....	--	--
Delta States.....	25	100
Southern Plains.....	72	97
Mountain.....	79	99
Pacific.....	<u>65</u>	<u>91</u>
All regions.....	63	96

Hogs

Over 30 percent of total grain-consuming animal units were from hogs (table 10). Hog numbers are remarkably stable. Formerly, much attention was given to the hog cycle and any resulting imbalance in slaughter supplies. But today production reflects improved knowledge of market conditions, coupled with better swine management and technological advances.

Excluding the Pacific region, hog production geographically has remained practically unchanged the last 10 years. The Corn Belt produces over half the hogs in the 48 States. Iowa alone, in 1968, raised 23 percent of the total and more than any region outside the Corn Belt.

The following tabulation shows the relative changes by regions using 1968 for comparison:

	<u>1968 as a percentage of--</u>	
	<u>1959</u>	<u>1967</u>
Northeast.....	90	106
Lake States.....	87	100
Corn Belt.....	101	99
Northern Plains.....	126	105
Appalachian.....	103	101
Southeast.....	95	106
Delta States.....	82	99

Southern Plains.....	93	99
Mountain.....	119	107
Pacific.....	55	94
All regions.....	101	101

Hens and Pullets

Poultry and egg production has relatively short periods of adjustment. When egg prices are rising, producers tend to increase their flocks' rate of lay, and cull less rigidly. This swells supplies and adjusts prices. Reverse changes can take place quickly. An adverse factor, a gradual decline in per capita consumption of fresh eggs, has been offset by increasing efficiency. Overall, there was a modest increase in hen and pullet animal units from 1959 to 1966. Since 1966, total hen and pullet units have leveled off (table 11), with slight declines noted. The following tabulation compares, by regions, poultry animal units for 1959 and 1967 with 1968:

	<u>1968 as a percentage of--</u>	
	<u>1959</u>	<u>1967</u>
Northeast.....	94	100
Lake States.....	67	93
Corn Belt.....	80	95
Northern Plains.....	59	87
Appalachian.....	107	100
Southeast.....	247	108
Delta States.....	250	98
Southern Plains.....	94	91
Mountain.....	102	99
Pacific.....	157	98
All regions.....	113	98

Chickens Raised for Replacements

Changes in replacement layer animal units by regions for the last decade tend to parallel animal units from laying hens and pullets (table 12). Considering changes over 10 years in animal units, egg production is clearly shifting between regions. There is some correlation with changing regional patterns of broiler production insofar as shifts in concentrated production areas are concerned. The following tabulation compares animal units for 1959 and 1967 with 1968:

	<u>1968 as a percentage of--</u>	
	<u>1959</u>	<u>1967</u>
Northeast.....	84	106
Lake States.....	66	106
Corn Belt.....	72	106
Northern Plains.....	56	107
Appalachian.....	96	106
Southeast.....	177	107
Delta States.....	237	107
Southern Plains.....	95	106
Mountain.....	82	106
Pacific.....	97	107
All regions.....	97	106

Broilers

Broilers since 1959 have maintained a fairly constant annual expansion of about 5 percent (table 13). Production in 1969 may show an increase of about 6 percent above 1968 which could mean a per capita consumption approaching 39 pounds. Economies of production and marketing keep broilers on the thrifty housewife's shopping list. Only beef and pork exceed broilers as a meat protein source in our diet.

Practically all broiler production is contracted by large integrated firms whose primary interest may be feed manufacturing and grain processing, flock breeding and egg hatching, or broiler processing with wholesale-retail tie-ins. Significant production and marketing decisions are vested in firms and individuals well informed on market conditions. This helps to serve as a production and price stabilizer not found in other types of livestock or poultry production.

Interregional production shifts during the last 10 years and the relative stability for the last 2 years are illustrated in the following tabulation:

	<u>1968 as a percentage of--</u>	
	<u>1959</u>	<u>1967</u>
Northeast.....	126	104
Lake States.....	87	103
Corn Belt.....	58	104
Northern Plains.....	46	100
Appalachian.....	140	104
Southeast.....	164	104
Delta States.....	202	104
Southern Plains.....	164	104
Mountain.....	117	104
Pacific.....	<u>130</u>	<u>104</u>
All regions.....	148	104

Turkeys

Grain-consuming animal units of turkeys, like broilers, show an overall uptrend since 1959 (table 14). The 10-year average annual increase has been slightly more than 3 percent. Changes in regions have been less pronounced than those in individual States; yet by 1968, five States could claim over half the annual units of turkeys in the 48 States. California's and Minnesota's production for 1968 and 1959 changed little. Despite significant output, gains in Missouri, Arkansas, and North Carolina--the other States in the top five--the three has a combined total in 1968 equal to only 27 percent of the five-State total.

Regional percentage changes during the last 10 years are given in the following tabulation:

	<u>1968 as a percentage of--</u>	
	<u>1959</u>	<u>1967</u>
Northeast.....	81	101
Lake States.....	98	101
Corn Belt.....	129	101

Northern Plains.....	80	98
Appalachian.....	227	104
Southeast.....	456	154
Delta States.....	295	100
Southern Plains.....	163	101
Mountain.....	127	103
Pacific.....	<u>102</u>	<u>102</u>
All regions.....	132	104

Roughage-Consuming Animal Units

The second major animal unit series is roughage-consuming animal units. This is a measure of livestock and poultry in which their respective State numbers are combined by a different set of factors representing the consumption of hay, other harvested forage, and pasture (figs. 4 and 5 and appendix table B).

Milk Cows and Other Dairy Cattle

Indexes for milk cows and other dairy cattle showed a steady annual decline of about 3 percent during 1959-68 (tables 18 and 19). Roughage fed, including pasture, dropped 12 percent during this period as measured in feed units, while concentrate consumption increased by about the same rate. This increased concentrate feeding reflects efforts to achieve maximum production from each milk cow.

Cattle on Feed

Since 1959, cattle on feed indexes for roughage-consuming units have generally gone up in line with placements (table 20). The actual volume of roughage fed per head has declined with more emphasis placed on inventory turnover, rapid gains, and improved carcass yields.

Other Beef Cattle

While dairy cattle numbers have shown an average decline of about 3 percent for the last decade, other beef cattle have more than taken up the slack (table 21). By 1968, other beef cattle claimed 60 percent of all roughage-consuming units; this is an increase of more than 10 percentage points from the 1959 share.

Sheep and Goats

Of all farm livestock, sheep and goats have declined the most in the last 10 years (table 22). The decrease has been nearly 33 percent and there is no indication of an easing in the rate of decline. A large share of the drop for 1968 was due to the relatively heavy goat slaughter in Texas. Some regions, and particularly some States, have almost eliminated sheep and goat production. With strong competition from other red meats and synthetic fibers, sheep and goat output will probably continue to decrease.

Hogs

Although many hogs are raised in total confinement today, the roughage-consuming animal units from hogs were virtually unchanged in 1968 from 10 years earlier (table 23). While sows and boars consume considerable quantities of roughage and pasture, market hogs are

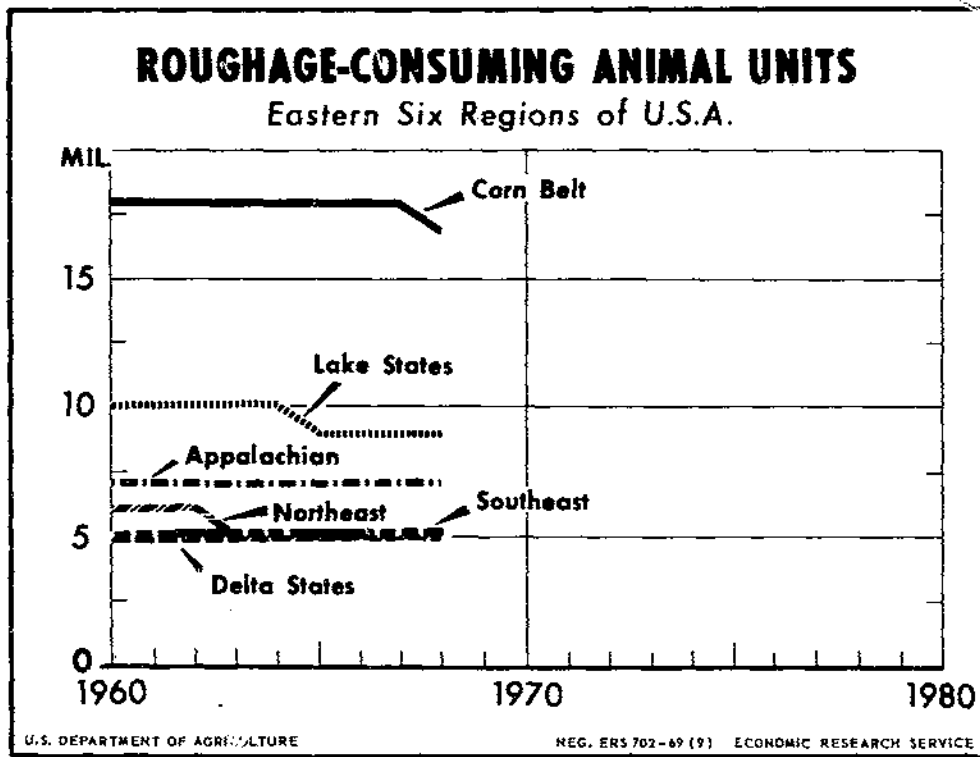


Figure 4

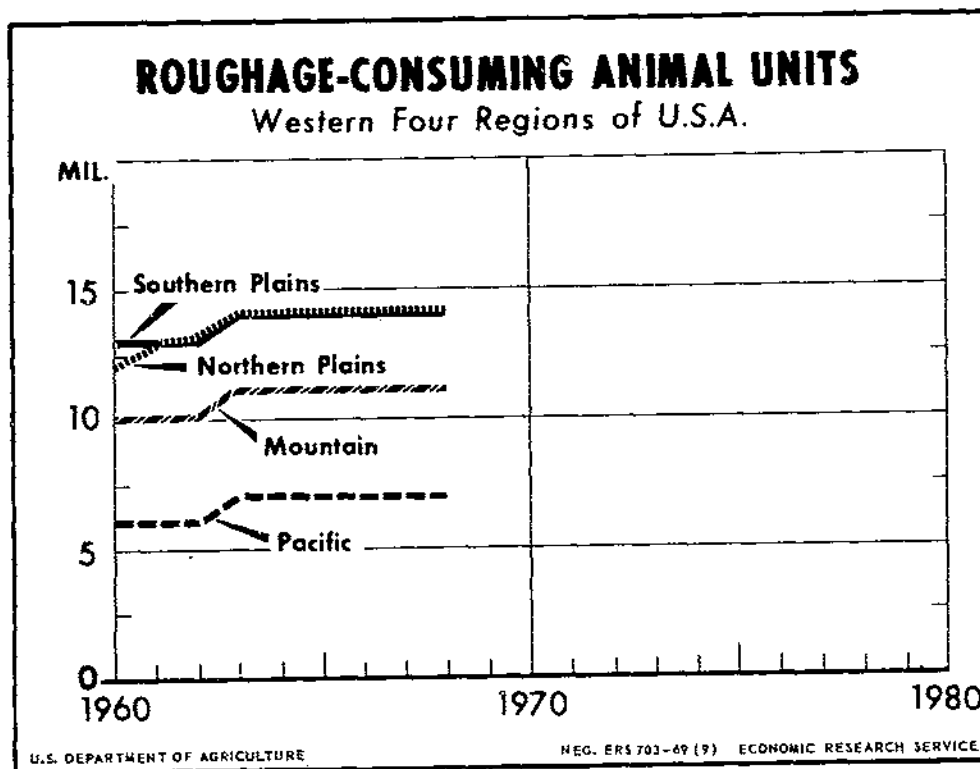


Figure 5

restricted to a nearly 100-percent concentrate ration to accelerate the feed-out period. Of course, there are still areas where farmers glean their corn fields with droves of feeder hogs. However, this practice is fading out as field fences are eliminated to increase ease of handling larger farm equipment.

Poultry

Only turkeys and hens and pullets are included in roughage-consuming indexes. Units for both hens and pullets and turkeys have increased about 35 percent during the last 10 years. Of greater importance are the interregional changes. Tables 24 and 25 show, by States, the roughage-consuming indexes for 1959 through 1968. Comparing the 1968 indexes with 1967 and 1959 shows the following percentage differences by regions:

	<u>Hens and pullets</u>		<u>Turkeys</u>	
	<u>1968 as a percentage of--</u>			
	<u>1959</u>	<u>1967</u>	<u>1959</u>	<u>1967</u>
Northeast.....	100	80	75	100
Lake States.....	73	100	102	98
Corn Belt.....	89	100	105	105
Northern Plains.....	62	84	120	100
Appalachian.....	97	97	140	101
Southeast.....	244	106	420	150
Delta States.....	236	99	283	100
Southern Plains.....	98	90	150	109
Mountain.....	100	100	100	100
Pacific.....	<u>150</u>	<u>98</u>	<u>103</u>	<u>100</u>
All regions.....	135	98	137	105

Grain-and-Roughage-Consuming Animal Units

The index of animal units weighted by all feeds, including pasture, fed to farm livestock is that of grain-and-roughage-consuming animal units. Tables 29-40 show these State indexes for 1959-68. At the national level, little difference appears between the 1959 and 1967 all-feed indexes and the 1968 index. More significant differences exist by specific States or production regions. This is due to shifts in production patterns and concentration of livestock and poultry.

The following tabulation compares regional differences, using the three indexes as criteria:

	<u>Grain-consuming,^{1/}</u>		<u>Roughage-consuming,^{2/}</u>		<u>Grain-and-roughage-consuming,^{3/}</u>	
	<u>1968 as a</u>		<u>1968 as a</u>		<u>1968 as a</u>	
	<u>percentage of--</u>	<u>percentage of--</u>	<u>percentage of--</u>	<u>percentage of--</u>	<u>percentage of--</u>	<u>percentage of--</u>
	<u>1959</u>	<u>1967</u>	<u>1959</u>	<u>1967</u>	<u>1959</u>	<u>1967</u>
Northeast.....	92	100	85	99	88	100
Lake States....	89	99	90	98	89	98
Corn Belt.....	101	101	95	99	96	99
Northern Plains	127	104	115	98	115	99
Appalachian....	103	101	110	101	107	101

	<u>1959</u>	<u>1967</u>	<u>1959</u>	<u>1967</u>	<u>1959</u>	<u>1967</u>
Southeast.....	141	105	115	101	128	103
Delta States...	147	101	109	99	123	100
Southern Plains	143	110	113	101	115	102
Mountain.....	133	108	108	99	110	101
Pacific.....	<u>119</u>	<u>101</u>	<u>106</u>	<u>98</u>	<u>109</u>	<u>99</u>
All regions..	110	102	104	99	105	100

1/ Table 16.

2/ Table 27.

3/ Table 40.

Livestock-Production Units

Livestock-production units are used to compare livestock and poultry production with the feed supply (table 56). Concentrates fed per livestock-production unit for the 43-year period are remarkably uniform, considering advances made in livestock and poultry production.

Calendar year production estimates for livestock and their products must be adjusted to feeding years to facilitate comparison of the national feed supplies and consumption as illustrated by using hogs in tables 47 and 48. Production data for the various kinds of livestock converted to a feeding-year basis are given in table 49 for 1926-68.

When all feeds, including concentrates, harvested roughages, and pasture, are measured against production units, a significantly lower quantity per unit was found to be fed in the 1930's than in any other period during the 43 years shown (fig. 6). For the past 10 years, however, the quantity fed, as measured in feed units, has tended to increase at a very modest rate.

High-Protein-Animal Units

The distribution of high-protein-animal units has shown significant change during the last 2 decades (fig. 7 and table 59). In 1950, poultry claimed 38 percent of the total high-protein-animal units, cattle on feed 5 percent, milk cows and other dairy cattle 25 percent. By 1969, units from poultry totaled 47 percent; cattle on feed, 11 percent; and milk cows and other dairy, 12 percent. While these shifts occurred between the different kinds of livestock total available high-protein feeds increased 67 percent from 1959 to 1969. This increase would be much greater if nonprotein-nitrogen (mostly urea) fed to cattle or sheep during this period were included. Total available supplies of high-protein feeds are combined in terms of a 44-percent protein supplement.

FEED GRAINS: PRODUCTION AND CONSUMPTION BY STATES

Data for State feed grain balance sheets similar to the national aggregate balance are not regularly available. However, using U.S. average feeding rates based on feed grain disappearance per grain-consuming animal unit at the national level, we can chart a useful picture of State and regional production and consumption balances (fig. 8). Feed grains for seed, human consumption, and industry, as well as those needed for exports or imports, are not included in the disappearance

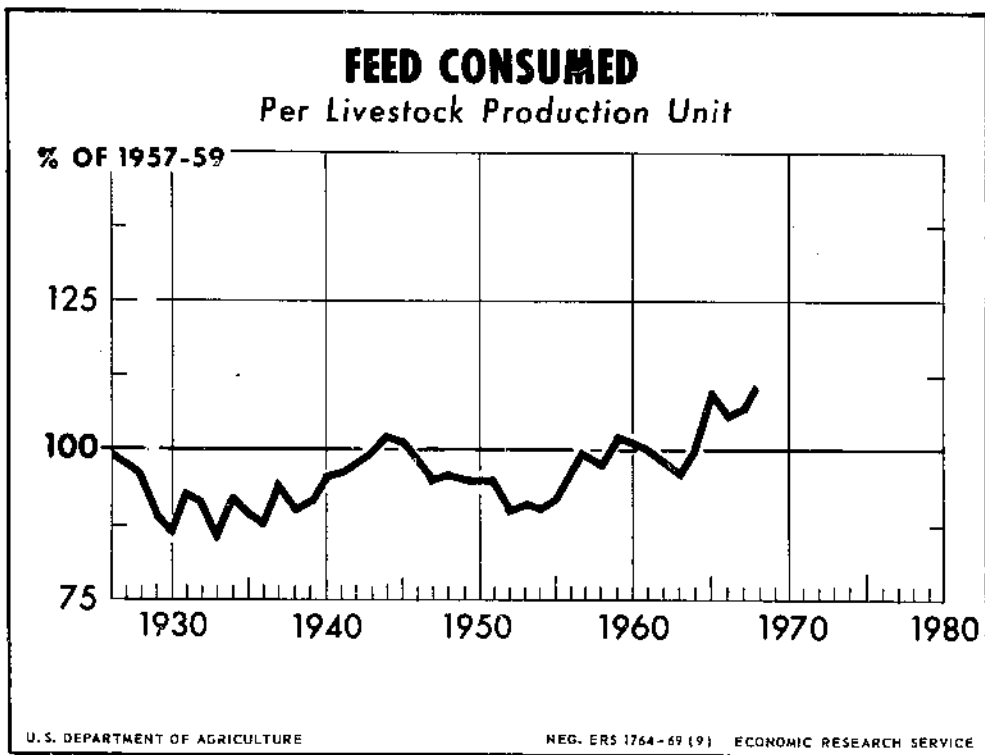


Figure 6

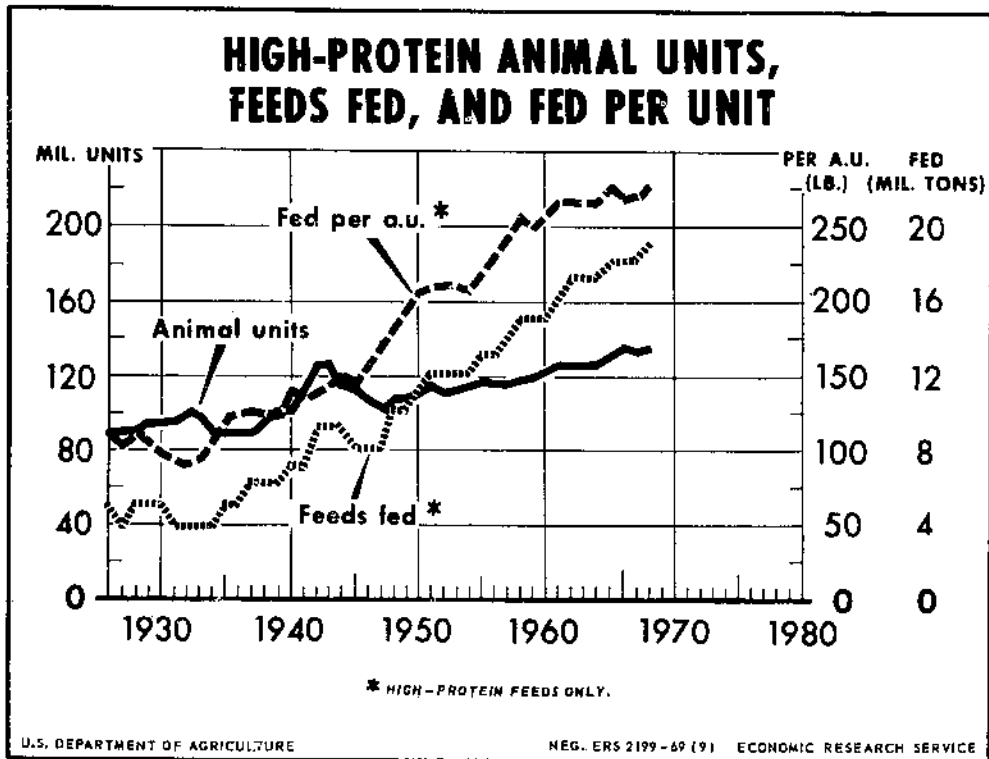


Figure 7

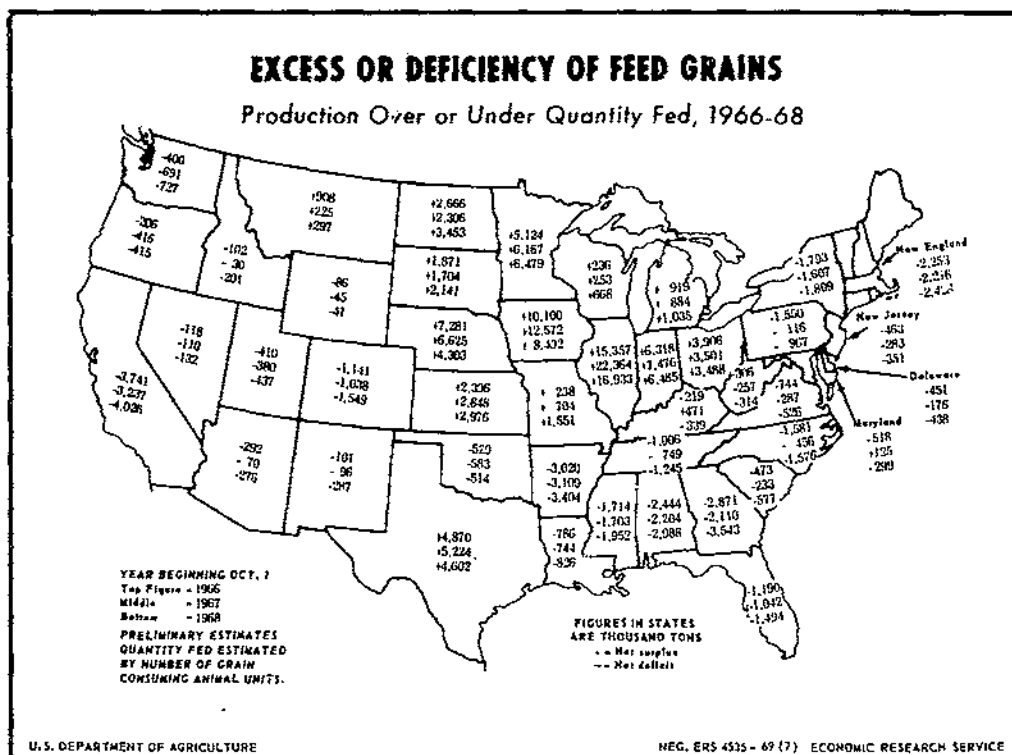


Figure 8

computation. Thus, the imbalance in each State is somewhat understated. Appendix table E lists the production, consumption, and net surplus or deficit for feed grains by States for the last 3 years.

Since 1950, the surplus or deficit has increased in all but one region. This reflects greater specialization and concentration in both grain-producing and grain-consuming areas. With greater specialization, farmers' average crop yields have increased, adding to the harvest of greater economic returns via specialized management. The following tabulation shows net changes of feed grain production for selected years in thousand tons:

	<u>1950</u>		<u>1960</u>		<u>1968</u>
Northeast.....	5,548	(d)	4,594	(d)	6,292 (d)
Lake States.....	2,778	(s)	9,135	(s)	8,182 (s)
Corn Belt.....	11,868	(s)	28,571	(s)	36,889 (s)
Northern Plains.....	8,668	(s)	19,083	(s)	12,873 (s)
Appalachian.....	210	(d)	1,768	(d)	4,000 (d)
Southeast.....	1,145	(d)	4,052	(d)	8,602 (d)
Delta States.....	773	(d)	3,593	(d)	6,182 (d)
Southern Plains.....	2,285	(s)	5,056	(s)	4,088 (s)
Mountain.....	528	(s)	1,285	(s)	2,626 (d)
Pacific.....	1,476	(d)	2,149	(d)	5,168 (d)

* (s) denotes surplus - (d) deficit.

Table 1.--Animal units of livestock fed annually, 1926-1969, 48 States:
Comparisons between base periods 1940-45 and 1959-61 ^{1/}

Year beginning Oct. 1	Grain-consuming		Roughage-consuming		Grain-and-roughage-consuming	
	1940-45	1959-61	1940-45	1959-61	1940-45	1959-61
	<u>1,000 units</u>	<u>1,000 units</u>	<u>1,000 units</u>	<u>1,000 units</u>	<u>1,000 units</u>	<u>1,000 units</u>
1926.....	153,071	93,701	79,634	80,368	96,409	85,126
1927.....	153,691	94,391	78,856	79,971	96,194	85,165
1928.....	153,159	94,018	80,251	80,944	96,897	85,654
1929.....	154,070	94,850	81,199	82,570	98,570	86,976
1930.....	152,753	94,437	82,775	84,147	99,496	87,874
1931.....	156,436	97,041	84,795	86,493	101,912	90,415
1932.....	159,736	99,699	88,206	89,617	105,614	93,354
1933.....	153,946	96,999	91,932	92,344	106,142	94,175
1934.....	131,194	83,823	86,082	85,851	96,225	85,318
1935.....	138,656	88,425	84,604	84,332	97,097	85,739
1936.....	137,827	87,738	82,741	83,045	95,835	84,796
1937.....	137,812	87,676	81,145	81,491	94,694	83,604
1938.....	148,777	94,443	81,603	82,914	98,006	87,055
1939.....	156,143	99,093	83,472	85,121	101,051	90,101
1940.....	155,753	98,967	86,414	87,136	102,919	91,238
1941.....	167,119	107,144	90,350	91,343	109,285	96,953
1942.....	192,227	120,368	94,512	96,398	118,232	105,053
1943.....	193,054	120,585	97,209	98,838	120,160	106,831
1944.....	172,559	109,539	95,631	95,390	113,914	100,412
1945.....	167,259	105,979	91,385	91,276	109,557	96,495
1946.....	159,615	101,484	88,077	87,666	105,234	92,495
1947.....	153,098	97,222	83,977	83,701	100,661	88,547
1948.....	158,603	100,094	82,096	81,788	100,661	88,208
1949.....	163,840	102,759	82,381	82,482	102,290	89,712
1950.....	168,104	104,670	85,592	85,427	105,631	92,399
1951.....	167,331	104,528	90,175	88,826	108,595	94,454
1952.....	158,947	100,803	94,569	91,363	109,632	94,490
1953.....	156,926	99,516	95,676	92,003	110,052	94,577
1954.....	161,595	102,515	96,157	92,630	111,678	95,916
1955.....	165,264	103,993	95,232	91,808	111,888	96,012
1956.....	160,927	101,573	91,944	88,510	108,446	92,924
1957.....	159,905	99,986	90,537	87,029	107,050	91,521
1958.....	167,728	104,568	92,516	88,745	110,478	94,143
1959.....	165,740	103,598	94,733	90,081	111,286	94,267
1960.....	167,509	104,702	95,667	90,482	112,415	94,838
1961.....	169,372	105,985	97,573	91,989	114,197	96,109
1962.....	173,472	108,982	100,604	94,152	117,388	98,239
1963.....	173,017	108,339	103,286	95,954	119,142	99,129
1964.....	169,093	105,901	103,910	95,700	118,537	98,055
1965.....	170,129	106,282	103,471	94,727	118,497	97,418
1966.....	178,924	111,469	102,816	94,400	120,374	98,883
1967.....	178,754	111,429	102,842	94,349	120,353	98,826
1968 ^{2/}	181,825	113,876	102,518	93,573	121,470	98,832
1969 ^{3/}	188,182	116,550	102,608	92,870	122,614	99,683

^{1/} Data not available for Alaska and Hawaii.

^{2/} Preliminary.

^{3/} Preliminary projections based on July indications.

Table 2.--Grain-consuming animal units fed annually, by kind of livestock, 1950-68, United States 1/

Year beginning Oct. 1	Milk cows	Other dairy cattle	Cattle on feed	Other beef cattle	Sheep	Hogs	Hens and pullets	Chickens raised	Broilers	Turkeys	Horses and mules	Total
	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units
1950.....	23,568	2,978	8,821	3,296	909	37,941	14,416	5,731	2,602	1,647	2,761	104,670
1951.....	23,060	3,064	9,652	3,744	964	37,360	14,340	5,161	2,841	1,926	2,416	104,528
1952.....	23,549	3,114	11,210	4,110	969	32,254	13,466	5,037	3,124	1,848	2,122	100,803
1953.....	23,896	3,087	10,447	4,234	955	31,106	13,392	4,967	3,458	2,092	1,882	99,516
1954.....	23,462	2,990	11,274	4,337	965	34,465	13,306	4,227	3,603	2,029	1,857	102,515
1955.....	22,912	2,843	11,535	4,361	949	35,664	13,034	4,334	4,434	2,372	1,555	103,993
1956.....	22,325	2,760	11,910	4,180	936	33,768	13,350	3,623	4,777	2,517	1,427	101,573
1957.....	21,265	2,692	11,475	4,169	944	33,455	12,834	3,877	5,476	2,458	1,341	99,986
1958.....	20,132	2,662	12,842	4,380	994	37,167	13,244	3,551	5,732	2,611	1,253	104,568
1959.....	19,527	2,679	14,733	4,585	1,017	35,490	12,724	3,015	5,980	2,616	1,232	103,598
1960.....	19,294	2,608	15,625	4,681	997	34,693	12,560	3,096	6,573	3,343	1,232	104,702
1961.....	18,997	2,526	16,526	4,899	950	35,425	12,940	2,909	6,673	2,908	1,232	105,985
1962.....	18,435	2,401	18,857	5,232	881	36,342	12,873	2,859	6,929	2,941	1,232	108,982
1963.....	17,733	2,255	19,140	5,639	813	35,334	13,101	2,872	7,107	3,150	1,195	108,339
1964.....	17,078	2,132	19,408	5,850	756	32,260	13,517	2,751	7,665	3,289	1,195	105,901
1965 2/.....	16,101	1,994	20,547	5,873	733	31,176	13,514	3,111	8,440	3,598	1,195	106,282
1966 2/.....	15,319	1,919	21,927	5,884	714	34,463	14,652	2,962	8,495	3,939	1,195	111,469
1967 2/.....	14,774	1,886	22,203	5,959	667	35,554	14,616	2,755	8,506	3,314	1,195	111,429
1968 3/.....	14,258	1,863	24,545	5,942	640	35,815	14,394	2,934	8,845	3,445	1,195	113,876

1/ Data not available for Alaska and Hawaii. Data for 1950-58 are based on National factors.

2/ Revised.

3/ Preliminary.

Table 3.--Roughage-consuming animal units fed annually, by kind of livestock, 1950-68, United States 1/

Year beginning Oct. 1	Milk cows	Other dairy cattle	Cattle on feed	Other beef cattle	Sheep and goats	Hogs	Hens and pullets	Chickens raised	Broilers	Turkeys	Horses and mules	Total
	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units
1950.....	23,568	9,372	566	31,934	5,701	7,505	519	---	---	160	6,102	85,427
1951.....	23,060	9,645	620	36,271	5,797	7,390	516	---	---	187	5,340	88,826
1952.....	23,549	9,801	720	39,818	5,740	6,380	485	---	---	179	4,691	91,363
1953.....	23,896	9,716	671	41,023	5,699	6,153	482	---	---	203	4,160	92,003
1954.....	23,462	9,411	724	42,013	5,784	6,818	479	---	---	197	3,742	92,630
1955.....	22,912	8,949	741	42,245	5,770	7,055	469	---	---	230	3,437	91,808
1956.....	22,325	8,687	765	40,491	5,683	6,680	481	---	---	244	3,154	88,510
1957.....	21,265	8,474	737	40,392	5,877	6,618	462	---	---	239	2,965	87,029
1958.....	20,132	8,378	824	42,435	6,125	7,352	477	---	---	253	2,769	88,745
1959.....	19,524	8,438	1,033	44,289	6,464	7,024	388	---	---	240	2,681	90,081
1960.....	19,270	8,295	1,101	45,238	6,398	6,809	385	---	---	305	2,681	90,482
1961.....	18,990	8,046	1,187	47,363	6,141	6,902	417	---	---	262	2,681	91,989
1962.....	18,428	7,643	1,365	50,404	5,878	7,056	424	---	---	273	2,681	94,152
1963.....	17,730	7,208	1,378	53,826	5,610	6,845	441	---	---	308	2,608	95,954
1964.....	17,088	6,794	1,394	55,425	5,356	6,248	465	---	---	322	2,608	95,700
1965.....	16,088	6,354	1,492	56,051	5,252	6,056	473	---	---	353	2,608	94,727
1966.....	15,304	6,129	1,584	56,181	4,965	6,727	527	---	---	375	2,608	94,400
1967 <u>2/</u>	14,751	6,034	1,607	56,959	4,624	6,920	535	---	---	311	2,608	94,349
1968 <u>3/</u>	14,239	5,937	1,764	56,961	4,235	6,979	522	---	---	328	2,608	93,573

1/ Data not available for Alaska and Hawaii. Data for 1950-58 are based on National factors.

2/ Revised.

3/ Preliminary.

Table 4.--Grain-and-roughage-consuming animal units fed annually, by kind of livestock, 1950-68, United States 1/

Year beginning Oct. 1	Milk cows	Other dairy cattle	Cattle on feed	Other beef cattle	Sheep and goats	Hogs	Hens and pullets	Chickens raised	Broilers	Turkeys	Horses and mules	Total
	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units
1950.....	23,568	7,241	2,155	22,024	4,071	18,980	5,471	2,180	1,104	714	4,891	92,399
1951.....	23,060	7,452	2,358	25,015	4,154	18,690	5,442	1,963	1,205	835	4,280	94,454
1952.....	23,549	7,573	2,739	27,462	4,119	16,135	5,110	1,916	1,325	802	3,760	94,490
1953.....	23,896	7,507	2,553	28,292	4,087	15,561	5,082	1,890	1,467	907	3,335	94,577
1954.....	23,462	7,272	2,755	28,975	4,145	17,242	5,050	1,608	1,528	880	2,999	95,916
1955.....	22,912	6,915	2,819	29,136	4,129	17,841	4,946	1,649	1,881	1,029	2,755	96,012
1956.....	22,325	6,712	2,910	27,926	4,068	16,893	5,066	1,378	2,027	1,091	2,528	92,924
1957.....	21,265	6,548	2,804	27,858	4,198	16,736	4,871	1,475	2,323	1,066	2,377	91,521
1958.....	20,132	6,474	3,138	29,267	4,378	18,593	5,026	1,351	2,432	1,132	2,220	94,143
1959.....	19,525	6,519	3,600	30,549	4,564	17,745	4,819	1,153	2,508	1,130	2,155	94,267
1960.....	19,279	6,402	3,823	31,204	4,511	17,305	4,752	1,184	2,782	1,441	2,155	94,838
1961.....	18,990	6,210	4,035	32,673	4,325	17,643	4,903	1,115	2,830	1,230	2,155	96,109
1962.....	18,434	5,900	4,600	34,778	4,123	18,080	4,880	1,093	2,938	1,258	2,155	98,239
1963.....	17,732	5,555	4,667	37,154	3,918	17,573	4,963	1,103	3,022	1,351	2,091	99,129
1964.....	17,087	5,241	4,734	38,276	3,733	16,038	5,124	1,052	3,265	1,414	2,091	98,055
1965.....	16,093	4,903	5,019	38,694	3,654	15,508	5,124	1,184	3,593	1,555	2,091	97,418
1966.....	15,307	4,725	5,343	38,783	3,464	17,166	5,562	1,127	3,628	1,687	2,091	98,883
1967 2/.....	14,758	4,655	5,414	39,321	3,230	17,696	5,548	1,052	3,639	1,422	2,091	98,826
1968 3/.....	14,250	4,577	5,968	39,319	2,975	17,829	5,461	1,119	3,780	1,463	2,091	98,832

1/ Data not available for Alaska and Hawaii. Data for 1950-58 are based on National factors.

2/ Revised.

3/ Preliminary.

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TABLE 5.—GRAIN-CONSUMING ANIMAL UNITS OF MILK COWS FED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1—									
	1959	1960	1961	1962	1963	1964	1965	1966 1/	1967 2/	1968 2/
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	124	125	125	122	114	106	98	95	92	90
NEW HAMPSHIRE...	60	61	61	59	55	53	50	48	46	45
VERMONT.....	264	267	267	261	251	246	227	222	219	215
MASSACHUSETTS...	126	128	125	121	116	111	105	102	97	93
RHODE ISLAND....	20	19	18	16	15	15	14	13	11	10
CONNECTICUT.....	111	110	106	101	98	95	92	91	87	84
NEW YORK.....	1,671	1,704	1,704	1,687	1,637	1,604	1,541	1,463	1,434	1,385
NEW JERSEY.....	184	183	179	174	163	150	141	128	119	108
PENNSYLVANIA....	1,083	1,094	1,094	1,083	1,061	1,029	978	939	911	903
DELAWARE.....	31	30	29	27	24	22	21	19	18	17
MARYLAND.....	245	247	238	236	224	213	211	203	198	196
LAKE STATES:										
MICHIGAN.....	689	675	682	668	648	629	591	537	506	481
WISCONSIN.....	2,391	2,391	2,391	2,391	2,368	2,368	2,249	2,170	2,138	2,085
MINNESOTA.....	1,443	1,458	1,472	1,458	1,458	1,429	1,328	1,262	1,211	1,175
CORN BELT:										
OHIO.....	894	884	867	824	783	736	685	651	618	588
INDIANA.....	475	461	447	429	412	383	352	318	286	272
ILLINOIS.....	716	701	674	633	589	541	498	458	418	401
IOWA.....	1,115	1,104	1,094	1,050	1,018	978	880	818	761	715
MISSOURI.....	644	624	618	563	512	471	428	402	382	367
NORTHERN PLAINS:										
NORTH DAKOTA....	228	221	221	214	206	196	172	154	137	125
SOUTH DAKOTA....	207	201	199	188	188	188	174	172	166	157
NEBRASKA.....	358	352	342	318	296	282	271	247	237	219
KANSAS.....	370	354	336	310	285	265	249	237	227	213
APPALACHIAN:										
VIRGINIA.....	365	355	341	323	310	288	276	260	253	242
WEST VIRGINIA..	95	91	86	77	71	64	58	53	50	46
NORTH CAROLINA..	261	253	243	231	221	210	204	192	186	180
KENTUCKY.....	486	480	475	471	448	421	396	372	364	346
TENNESSEE.....	502	476	471	448	425	412	396	373	354	332
SOUTHEAST:										
SOUTH CAROLINA..	102	97	93	88	83	78	72	69	68	63
GEORGIA.....	199	191	181	170	162	152	141	135	128	126
FLORIDA.....	423	428	390	378	370	370	380	380	380	380
ALABAMA.....	156	148	142	134	122	116	108	102	96	90
DELTA STATES:										
MISSISSIPPI....	283	269	250	233	212	199	189	174	163	155
ARKANSAS.....	188	184	180	163	134	119	104	97	89	85
LOUISIANA.....	204	198	195	189	182	174	165	159	152	146
SOUTHERN PLAINS:										
OKLAHOMA.....	321	306	294	270	249	227	211	192	190	185
TEXAS.....	623	585	580	568	517	470	423	402	382	359
MOUNTAIN:										
MONTANA.....	46	43	40	37	35	34	32	29	27	26
IDAHO.....	156	152	151	146	137	130	121	117	115	117
WYOMING.....	20	18	17	15	15	15	14	13	12	11
COLORADO.....	149	142	136	133	128	122	115	115	117	118
NEW MEXICO....	34	34	32	31	31	31	31	31	30	29
ARIZONA.....	82	63	63	63	65	65	65	65	64	64
UTAH.....	86	82	79	76	73	71	67	66	64	65
NEVADA.....	11	12	11	11	11	11	10	10	10	10
PACIFIC:										
WASHINGTON....	195	191	185	178	170	166	163	162	157	149
OREGON.....	189	185	178	170	157	148	139	136	130	125
CALIFORNIA....	917	917	899	899	884	875	866	866	874	865
48 STATES 3/	19,527	19,294	18,997	18,435	17,733	17,078	16,101	15,319	14,774	14,258

1/ REVISED.
 2/ PRELIMINARY.
 3/ DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

TABLE 6.--GRAIN-CONSUMING ANIMAL UNITS OF OTHER DAIRY CATTLE FED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1--									
	1959	1960	1961	1962	1963	1964	1965	1966 ^{1/}	1967 ^{1/}	1968 ^{2/}
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	18	19	19	17	16	14	13	14	14	14
NEW HAMPSHIRE...	9	9	9	9	8	8	7	7	7	7
VERMONT.....	34	36	36	34	31	28	25	26	27	28
MASSACHUSETTS...	11	12	13	12	11	10	9	9	9	10
RHODE ISLAND....	1	1	1	1	1	1	1	1	1	1
CONNECTICUT.....	13	13	13	12	12	11	10	11	11	11
NEW YORK.....	106	107	109	105	100	97	93	93	95	95
NEW JERSEY.....	25	25	25	23	21	19	17	18	17	16
PENNSYLVANIA....	198	204	204	196	186	177	168	168	174	179
DELAWARE.....	4	4	4	3	3	2	2	2	2	1
MARYLAND.....	35	35	33	31	27	25	25	24	25	24
LAKE STATES:										
MICHIGAN.....	127	128	125	122	117	109	99	93	88	86
WISCONSIN.....	346	355	358	355	346	337	313	301	299	293
MINNESOTA.....	288	292	290	285	283	272	254	233	220	225
CORN BELT:										
OHIO.....	87	85	83	77	70	66	60	59	58	56
INDIANA.....	58	55	52	50	46	41	36	37	34	32
ILLINOIS.....	88	86	83	73	63	57	53	49	46	43
IOWA.....	111	105	101	99	97	92	84	79	78	76
MISSOURI.....	59	54	50	44	39	35	31	33	35	35
NORTHERN PLAINS:										
NORTH DAKOTA....	29	29	28	27	25	22	20	18	16	15
SOUTH DAKOTA....	27	27	27	26	26	24	22	21	20	19
NEBRASKA.....	39	35	32	30	27	26	24	22	21	19
KANSAS.....	47	43	41	37	34	29	26	25	23	22
APPALACHIAN:										
VIRGINIA.....	79	77	73	69	64	60	57	55	55	54
WEST VIRGINIA...	20	20	18	16	14	13	11	9	8	8
NORTH CAROLINA..	63	59	56	54	50	45	42	39	39	39
KENTUCKY.....	52	52	50	47	43	41	39	37	37	36
TENNESSEE.....	90	83	78	72	67	64	62	60	60	61
SOUTHEAST:										
SOUTH CAROLINA..	21	21	20	18	16	14	13	12	11	10
GEORGIA.....	29	28	27	25	23	22	20	19	19	18
FLORIDA.....	126	84	64	58	44	47	51	52	52	51
ALABAMA.....	38	37	35	33	30	28	25	23	21	20
DELTA STATES:										
MISSISSIPPI....	55	54	51	46	41	39	38	34	32	31
ARKANSAS.....	31	30	29	23	20	17	15	14	13	13
LOUISIANA.....	30	29	27	27	26	25	23	22	22	20
SOUTHERN PLAINS:										
OKLAHOMA.....	37	35	33	30	26	24	23	21	23	21
TEXAS.....	79	77	72	64	56	49	46	43	42	41
MOUNTAIN:										
MONTANA.....	3	3	3	2	2	2	2	2	2	2
IDAHO.....	38	37	35	34	33	32	29	28	27	27
WYOMING.....	1	1	1	1	1	1	1	1	1	1
COLORADO.....	18	17	16	15	14	14	13	14	14	15
NEW MEXICO.....	4	4	4	4	4	4	4	4	4	4
ARIZONA.....	6	6	6	6	6	6	5	5	5	5
UTAH.....	12	12	11	10	10	10	10	9	9	9
NEVADA.....	3	2	2	2	2	2	2	2	2	2
PACIFIC:										
WASHINGTON.....	22	21	20	19	18	17	16	16	15	15
OREGON.....	19	18	17	17	16	15	15	15	14	14
CALIFORNIA.....	43	42	42	41	40	39	40	40	39	39
48 STATES ^{3/}	2,679	2,608	2,526	2,401	2,255	2,132	1,994	1,919	1,886	1,863

^{1/} REVISED.

^{2/} PRELIMINARY.

^{3/} DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

TABLE 7.--GRAIN-CONSUMING ANIMAL UNITS OF CATTLE ON FEED FED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1--									
	1959	1960	1961	1962	1963	1964	1965	1966 ^{1/}	1967 ^{1/}	1968 ^{2/}
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	---	---	---	---	---	---	---	---	---	---
NEW HAMPSHIRE...	---	---	---	---	---	---	---	---	---	---
VERMONT.....	---	---	---	---	---	---	---	---	---	---
MASSACHUSETTS...	---	---	---	---	---	---	---	---	---	---
RHODE ISLAND....	---	---	---	---	---	---	---	---	---	---
CONNECTICUT.....	---	---	---	---	---	---	---	---	---	---
NEW YORK.....	---	---	19	13	15	15	15	16	19	19
NEW JERSEY.....	---	---	---	---	---	---	---	---	---	---
PENNSYLVANIA....	135	144	144	130	130	130	138	133	130	136
DELAWARE.....	---	---	---	---	---	---	---	---	---	---
MARYLAND.....	---	---	45	39	41	39	41	41	42	37
LAKE STATES:										
MICHIGAN.....	270	262	293	331	351	362	351	376	380	406
WISCONSIN.....	240	240	240	263	271	271	273	295	283	305
MINNESOTA.....	920	1,057	973	1,099	1,077	1,119	1,186	1,232	1,294	1,230
CORN BELT:										
OHIO.....	362	408	429	516	541	531	567	590	590	560
INDIANA.....	375	393	412	470	539	486	573	555	600	623
ILLINOIS.....	1,539	1,631	1,745	1,919	1,823	1,769	1,805	1,769	1,613	1,758
IOWA.....	3,296	3,362	3,429	3,807	3,920	4,038	3,877	4,420	4,200	4,831
MISSOURI.....	556	605	569	626	601	662	828	757	811	841
NORTHERN PLAINS:										
NORTH DAKOTA....	173	200	143	164	183	194	169	144	114	103
SOUTH DAKOTA....	374	445	491	502	498	487	526	590	614	614
NEBRASKA.....	1,267	1,332	1,610	1,711	1,948	1,957	2,338	2,493	2,580	2,725
KANSAS.....	517	634	720	833	840	848	902	1,102	1,147	1,440
APPALACHIAN:										
VIRGINIA.....	46	38	42	50	42	46	58	52	68	68
WEST VIRGINIA...	---	---	---	---	---	---	---	---	---	---
NORTH CAROLINA..	49	49	56	64	71	66	70	66	70	73
KENTUCKY.....	97	87	95	105	116	126	136	114	111	111
TENNESSEE.....	79	72	87	93	81	66	74	77	55	55
SOUTHEAST:										
SOUTH CAROLINA..	31	35	31	27	35	31	35	33	33	33
GEORGIA.....	106	114	169	119	152	162	150	98	142	137
FLORIDA.....	83	112	132	158	112	147	132	138	112	109
ALABAMA.....	55	58	61	61	59	67	56	64	62	62
DELTA STATES:										
MISSISSIPPI.....	36	36	33	32	35	33	33	36	32	29
ARKANSAS.....	30	28	27	27	27	24	26	23	22	22
LOUISIANA.....	28	14	15	14	13	13	11	17	15	18
SOUTHERN PLAINS:										
OKLAHOMA.....	130	139	162	164	224	216	243	320	341	386
TEXAS.....	535	546	694	967	1,027	1,049	1,156	1,449	1,741	2,311
MOUNTAIN:										
MONTANA.....	125	138	123	127	152	164	179	175	186	214
IDAH0.....	223	231	195	242	234	247	281	325	321	400
WYOMING.....	91	92	77	76	66	66	68	58	76	59
COLORADO.....	913	936	897	1,187	1,148	1,207	1,347	1,376	1,419	1,607
NEW MEXICO.....	93	91	110	148	162	170	193	241	319	360
ARIZONA.....	374	414	438	533	458	492	514	527	544	624
UTAH.....	96	112	120	128	121	104	128	96	104	96
NEVADA.....	35	33	26	19	26	28	30	41	34	43
PACIFIC:										
WASHINGTON.....	181	167	186	205	200	219	209	209	239	250
OREGON.....	95	100	106	114	123	134	140	133	132	132
CALIFORNIA.....	1,180	1,270	1,388	1,774	1,678	1,623	1,689	1,746	1,600	1,718
48 STATES ^{3/}	14,733	15,625	16,526	18,857	19,140	19,408	20,547	21,927	22,203	24,545

^{1/} REVISED.

^{2/} PRELIMINARY.

^{3/} DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

TABLE 8.—GRAIN-CONSUMING ANIMAL UNITS OF OTHER BEEF CATTLE FED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1—									
	1959	1960	1961	1962	1963	1964	1965	1966 1/	1967 1/	1968 2/
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	4	5	4	4	4	4	4	4	4	4
NEW HAMPSHIRE...	1	1	1	1	1	1	1	1	1	1
VERMONT.....	4	4	3	3	3	3	3	3	3	3
MASSACHUSETTS...	2	2	2	2	2	2	2	2	2	2
RHODE ISLAND.....	—	—	—	—	—	—	—	—	—	—
CONNECTICUT.....	2	2	2	2	2	2	2	2	2	2
NEW YORK.....	27	25	25	24	25	26	25	25	27	28
NEW JERSEY.....	3	3	3	3	3	3	3	3	4	4
PENNSYLVANIA.....	48	49	52	55	56	58	59	57	60	62
DELAWARE.....	2	1	1	1	1	1	1	1	1	1
MARYLAND.....	24	25	19	21	20	20	18	19	20	21
LAKE STATES:										
MICHIGAN.....	42	47	51	51	54	57	54	47	44	45
WISCONSIN.....	102	104	111	122	157	177	162	169	170	176
MINNESOTA.....	123	126	145	154	168	172	162	160	158	151
CORN BELT:										
OHIO.....	85	86	87	90	93	93	87	87	90	97
INDIANA.....	92	97	98	101	101	104	99	101	97	89
ILLINOIS.....	190	181	177	187	195	197	194	180	178	172
IOWA.....	361	342	360	387	399	428	432	423	430	428
MISSOURI.....	67	71	77	80	87	93	90	94	96	96
NORTHERN PLAINS:										
NORTH DAKOTA.....	159	174	180	207	239	254	249	253	239	228
SOUTH DAKOTA.....	239	242	255	278	310	322	327	331	331	336
NEBRASKA.....	359	364	380	411	428	432	432	438	437	421
KANSAS.....	273	281	312	330	349	335	375	360	355	344
APPALACHIAN:										
VIRGINIA.....	39	40	43	45	42	44	44	46	47	48
WEST VIRGINIA...	35	36	37	37	38	38	36	34	37	39
NORTH CAROLINA...	41	44	47	50	55	57	60	65	66	69
KENTUCKY.....	116	124	138	151	169	171	172	187	206	210
TENNESSEE.....	105	116	125	134	150	161	163	171	176	178
SOUTHEAST:										
SOUTH CAROLINA...	37	38	40	43	45	48	50	51	53	54
GEORGIA.....	140	149	160	175	194	208	207	209	212	219
FLORIDA.....	87	89	91	98	108	111	110	109	106	105
ALABAMA.....	174	177	184	198	218	234	236	229	238	237
DELTA STATES:										
MISSISSIPPI.....	189	198	212	225	247	263	266	268	275	270
ARKANSAS.....	133	136	138	153	174	186	188	196	207	208
LOUISIANA.....	173	183	189	191	205	212	199	188	185	185
SOUTHERN PLAINS:										
OKLAHOMA.....	163	172	180	193	209	225	227	222	230	240
TEXAS.....	202	210	216	229	233	232	241	243	246	254
MOUNTAIN:										
MONTANA.....	157	151	150	166	188	198	204	207	216	215
IDAHO.....	11	11	12	13	14	15	14	14	14	14
WYOMING.....	50	47	48	52	57	60	61	61	64	62
COLORADO.....	84	85	92	96	98	97	109	115	116	114
NEW MEXICO.....	99	99	104	103	107	102	104	104	101	99
ARIZONA.....	62	62	61	62	64	66	61	65	64	63
UTAH.....	45	43	44	45	48	51	50	51	53	55
NEVADA.....	45	43	43	45	47	50	48	46	48	49
PACIFIC:										
WASHINGTON.....	36	40	44	49	52	53	50	51	51	46
OREGON.....	25	25	26	27	30	31	31	30	30	30
CALIFORNIA.....	128	131	130	138	150	153	161	162	169	168
48 STATES 2/	4,585	4,681	4,899	5,232	5,639	5,850	5,873	5,884	5,959	5,942

1/ REVISED.
 2/ PRELIMINARY.
 3/ DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

TABLE 9.—GRAIN-CONSUMING ANIMAL UNITS OF SHEEP FED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1—									
	1959	1960	1961	1962	1963	1964	1965	1966 ^{1/}	1967 ^{2/}	1968 ^{2/}
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	2	2	2	2	1	1	1	1	1	1
NEW HAMPSHIRE.....	---	---	---	---	---	---	---	---	---	---
VERMONT.....	1	1	1	1	1	1	1	1	---	---
MASSACHUSETTS.....	1	1	1	1	1	1	1	1	1	1
RHODE ISLAND.....	---	---	---	---	---	---	---	---	---	---
CONNECTICUT.....	---	---	---	---	---	---	---	---	---	---
NEW YORK.....	7	6	6	6	6	5	5	5	5	4
NEW JERSEY.....	1	1	1	1	1	1	1	---	---	---
PENNSYLVANIA.....	10	9	9	8	7	7	7	7	7	7
DELAWARE.....	---	---	---	---	---	---	---	---	---	---
MARYLAND.....	2	1	1	1	1	1	1	1	1	1
LAKE STATES:										
MICHIGAN.....	25	23	23	21	20	19	18	16	16	16
WISCONSIN.....	18	19	17	16	15	14	13	13	13	12
MINNESOTA.....	62	66	63	55	48	44	42	41	36	36
CORN BELT:										
OHIO.....	64	58	54	49	45	44	43	43	42	41
INDIANA.....	20	20	19	16	14	14	13	12	11	11
ILLINOIS.....	31	30	30	26	24	21	20	20	18	18
IOWA.....	80	81	74	66	62	62	56	49	47	46
MISSOURI.....	37	35	31	25	22	20	18	17	15	14
NORTHERN PLAINS:										
NORTH DAKOTA.....	14	15	15	15	14	12	10	11	9	8
SOUTH DAKOTA.....	30	32	30	30	29	27	27	26	26	23
NEBRASKA.....	30	29	25	24	23	20	20	20	15	12
KANSAS.....	43	47	48	42	38	30	33	27	23	22
APPALACHIAN:										
VIRGINIA.....	10	9	9	8	7	7	7	6	6	6
WEST VIRGINIA.....	17	16	15	14	13	12	11	11	10	10
NORTH CAROLINA.....	3	3	3	2	2	2	1	1	1	1
KENTUCKY.....	34	28	23	18	14	11	10	9	8	7
TENNESSEE.....	7	6	5	5	3	3	2	2	2	1
SOUTHEAST:										
SOUTH CAROLINA.....	1	1	1	1	---	---	---	---	---	---
GEORGIA.....	1	1	1	---	---	---	---	---	---	---
FLORIDA.....	---	---	---	---	---	---	---	---	---	---
ALABAMA.....	2	1	1	1	1	1	---	---	---	---
DELTA STATES:										
MISSISSIPPI.....	3	3	2	2	1	1	1	1	1	1
ARKANSAS.....	2	1	1	1	1	---	---	---	---	---
LOUISIANA.....	3	3	3	2	2	2	1	1	1	1
SOUTHERN PLAINS:										
OKLAHOMA.....	12	14	10	9	8	7	7	7	6	6
TEXAS.....	71	75	72	67	62	53	55	61	56	54
MOUNTAIN:										
MONTANA.....	30	29	26	26	25	25	23	23	22	21
IDAHO.....	21	20	20	20	20	20	18	19	19	21
WYOMING.....	37	36	34	34	34	33	33	30	29	28
COLORADO.....	43	44	43	44	39	34	37	37	34	34
NEW MEXICO.....	47	47	47	45	42	38	38	38	34	33
ARIZONA.....	19	20	21	21	23	24	24	22	20	20
UTAH.....	53	50	50	49	45	43	43	43	43	42
NEVADA.....	14	12	13	12	11	11	11	11	11	10
PACIFIC:										
WASHINGTON.....	6	6	6	6	5	4	4	4	3	3
OREGON.....	10	10	10	9	9	9	8	8	8	9
CALIFORNIA.....	93	86	84	80	74	72	69	69	67	59
48 STATES ^{3/}	1,017	997	950	881	813	756	733	714	667	640

^{1/} REVISED
^{2/} PRELIMINARY.
^{3/} DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

TABLE 10.—GRAIN-CONSUMING ANIMAL UNITS OF HOGS FED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1—									
	1959	1960	1961	1962	1963	1964	1965	1966 1/	1967 1/	1968 2/
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	7	7	6	5	4	4	3	3	3	3
NEW HAMPSHIRE...	8	9	8	8	9	9	8	9	9	9
VERMONT.....	7	7	7	7	6	6	5	6	5	4
MASSACHUSETTS...	20	18	18	17	16	14	14	15	14	14
RHODE ISLAND...	2	2	2	2	2	2	2	2	2	2
CONNECTICUT.....	5	4	4	4	4	3	3	3	3	3
NEW YORK.....	87	73	63	60	54	50	49	56	57	60
NEW JERSEY.....	35	30	30	27	27	24	19	21	22	22
PENNSYLVANIA...	325	312	299	311	275	242	244	290	292	316
DELAWARE.....	19	20	21	22	21	21	21	23	23	24
MARYLAND.....	70	64	67	72	70	66	66	71	67	69
LAKE STATES:										
MICHIGAN.....	499	475	481	509	477	406	373	395	393	380
WISCONSIN.....	1,476	1,445	1,426	1,456	1,439	1,281	1,221	1,316	1,313	1,330
MINNESOTA.....	2,705	2,676	2,680	2,744	2,629	2,279	2,111	2,302	2,351	2,358
CORN BELT:										
OHIO.....	1,472	1,431	1,416	1,449	1,417	1,257	1,176	1,267	1,253	1,249
INDIANA.....	3,019	3,002	3,050	3,139	3,038	2,640	2,482	2,602	2,587	2,587
ILLINOIS.....	4,850	4,869	5,088	5,274	5,171	4,711	4,400	4,720	4,782	4,596
IOWA.....	7,459	7,337	7,538	7,789	7,818	7,558	7,298	8,127	8,314	8,356
MISSOURI.....	2,511	2,463	2,521	2,664	2,631	2,350	2,311	2,598	2,759	2,758
NORTHERN PLAINS:										
NORTH DAKOTA...	262	231	236	221	224	200	197	222	216	198
SOUTH DAKOTA...	1,158	1,119	1,219	1,278	1,266	1,160	1,129	1,206	1,311	1,330
NEBRASKA.....	1,749	1,792	1,934	2,030	2,037	1,903	1,837	1,959	2,138	2,271
KANSAS.....	759	808	905	950	898	843	862	977	1,052	1,134
APPALACHEAN:										
VIRGINIA.....	372	353	350	362	313	269	268	298	298	309
WEST VIRGINIA...	74	64	60	60	55	49	47	52	54	52
NORTH CAROLINA..	775	692	695	703	678	658	710	894	959	1,023
KENTUCKY.....	889	894	901	887	847	780	788	877	951	947
TENNESSEE.....	792	745	727	735	661	590	586	691	691	664
SOUTHEAST:										
SOUTH CAROLINA..	263	227	210	211	200	181	191	224	218	234
GEORGIA.....	816	737	717	732	689	620	630	723	763	808
FLORIDA.....	172	160	169	146	148	143	136	136	137	156
ALABAMA.....	581	525	520	491	437	400	415	499	528	551
DELTA STATES:										
MISSISSIPPI.....	278	245	230	222	200	179	189	224	235	239
ARKANSAS.....	230	213	201	188	170	136	138	174	191	190
LOUISIANA.....	106	87	75	69	70	64	66	85	83	74
SOUTHERN PLAINS:										
OKLAHOMA.....	270	252	261	248	194	179	168	234	265	251
TEXAS.....	574	542	547	528	454	378	391	478	530	536
MOUNTAIN:										
MONTANA.....	111	125	125	132	136	120	114	142	133	137
IDAHO.....	86	81	76	76	75	65	65	69	74	75
WYOMING.....	20	16	17	15	17	14	14	14	15	17
COLORADO.....	125	111	117	128	128	111	113	135	147	165
NEW MEXICO.....	33	31	31	29	26	25	25	28	32	37
ARIZONA.....	15	15	14	15	16	17	17	24	34	39
UTAH.....	32	30	31	28	25	24	24	29	31	31
NEVADA.....	5	6	5	5	5	4	4	4	5	5
PACIFIC:										
WASHINGTON.....	91	90	83	83	71	65	64	59	52	53
OREGON.....	104	104	100	95	83	71	69	78	77	73
CALIFORNIA.....	172	154	144	116	102	89	93	102	85	76
48 STATES 3/	35,490	34,693	35,425	36,342	35,334	32,260	31,176	34,463	35,554	35,815

1/ REVISED.

2/ PRELIMINARY.

3/ DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

TABLE 11.—GRAIN-CONSUMING ANIMAL UNITS OF HENS AND PULLETS FED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1--									
	1959	1960	1961	1962	1963	1964	1965	1966 1/	1967 1/	1968 2/
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	202	206	221	232	239	249	266	295	303	319
NEW HAMPSHIRE..	80	82	82	79	81	79	86	90	84	83
VERMONT.....	33	31	32	29	30	28	27	27	25	29
MASSACHUSETTS..	147	143	133	131	133	127	123	127	118	120
RHODE ISLAND....	18	18	18	19	19	20	19	20	18	20
CONNECTICUT....	151	156	169	181	195	196	200	207	204	211
NEW YORK.....	382	374	381	403	437	468	482	515	511	498
NEW JERSEY.....	484	441	412	392	357	310	282	276	226	197
PENNSYLVANIA....	750	734	712	691	665	694	678	693	642	647
DELAWARE.....	31	32	32	31	32	32	30	31	32	31
MARYLAND.....	80	74	76	76	80	80	70	69	73	72
LAKE STATES:										
MICHIGAN.....	298	277	281	268	287	304	294	318	300	289
WISCONSIN.....	381	373	356	335	306	293	267	275	260	237
MINNESOTA.....	719	684	646	588	544	516	457	468	452	415
CORN BELT:										
OHIO.....	504	494	496	500	515	538	493	514	501	430
INDIANA.....	481	480	484	500	487	520	499	548	593	615
ILLINOIS.....	481	446	431	406	383	370	357	381	375	377
IOWA.....	982	951	913	802	768	761	704	690	625	569
MISSOURI.....	399	373	386	336	288	273	262	282	283	277
NORTHERN PLAINS:										
NORTH DAKOTA....	105	97	99	87	79	71	64	65	59	50
SOUTH DAKOTA....	264	250	260	248	233	230	219	230	213	170
NEBRASKA.....	353	336	315	278	272	258	228	235	223	193
KANSAS.....	283	256	241	214	201	197	189	194	186	179
APPALACHIAN:										
VIRGINIA.....	230	222	223	228	226	220	221	232	225	214
WEST VIRGINIA..	82	74	70	68	66	65	63	64	63	60
NORTH CAROLINA..	462	484	518	537	564	610	596	648	643	664
KENTUCKY.....	220	188	173	160	145	136	135	136	138	133
TENNESSEE.....	235	212	211	200	200	206	207	236	241	244
SOUTHEAST:										
SOUTH CAROLINA..	168	181	192	197	207	204	214	252	239	246
GEORGIA.....	445	492	571	695	831	931	958	1,146	1,155	1,233
FLORIDA.....	183	203	219	245	288	303	364	439	470	559
ALABAMA.....	256	275	359	390	426	469	469	516	549	558
DELTA STATES:										
MISSISSIPPI....	234	237	262	304	340	391	413	462	457	449
ARKANSAS.....	240	269	392	420	512	611	669	827	901	870
LOUISIANA.....	131	134	137	130	136	150	170	190	182	192
SOUTHERN PLAINS:										
OKLAHOMA.....	145	119	117	110	111	112	102	104	102	102
TEXAS.....	486	460	506	488	497	495	495	565	547	490
MOUNTAIN:										
MONTANA.....	39	37	37	36	34	34	33	37	39	41
IDAHO.....	52	50	49	51	47	43	41	42	41	37
WYOMING.....	13	11	11	10	10	9	9	8	8	7
COLORADO.....	58	53	55	51	47	47	47	52	64	65
NEW MEXICO....	27	29	31	30	29	27	28	29	30	31
ARIZONA.....	32	32	35	39	46	44	45	50	50	48
UTAH.....	57	52	49	48	48	45	48	55	54	55
NEVADA.....	2	2	2	2	2	2	2	1	1	1
PACIFIC:										
WASHINGTON....	187	195	199	206	211	225	207	221	229	217
OREGON.....	113	112	108	106	105	104	99	103	104	107
CALIFORNIA....	1,019	1,129	1,238	1,296	1,342	1,420	1,583	1,685	1,778	1,743
48 STATES 3/	12,724	12,560	12,940	12,873	13,101	13,517	13,514	14,652	14,616	14,394

1/ REVISED.
 2/ PRELIMINARY.
 3/ DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

TABLE 12.--GRAIN-CONSUMING ANIMAL UNITS OF REPLACEMENT CHICKENS RAISED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1--									
	1959	1960	1961	1962	1963	1964	1965	1966 1/	1967 1/	1968 2/
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	60	55	54	52	48	53	58	61	59	63
NEW HAMPSHIRE...	33	29	27	27	24	25	26	25	23	25
VERMONT.....	11	10	9	8	7	7	7	6	6	6
MASSACHUSETTS...	45	38	36	33	30	30	31	29	27	29
RHODE ISLAND....	5	4	4	4	4	4	4	4	3	3
CONNECTICUT.....	43	39	42	42	39	40	39	39	38	41
NEW YORK.....	70	73	77	83	88	86	99	93	89	94
NEW JERSEY.....	69	66	67	59	50	40	49	36	27	29
PENNSYLVANIA....	153	153	147	138	131	126	135	124	115	122
DELAWARE.....	12	12	11	10	9	8	9	8	7	7
MARYLAND.....	20	22	21	21	18	17	17	17	18	19
LAKE STATES:										
MICHIGAN.....	62	68	59	61	65	59	64	58	58	61
WISCONSIN.....	57	58	46	46	46	39	42	36	35	37
MINNESOTA.....	177	174	144	131	126	103	122	110	90	96
CORN BELT:										
OHIO.....	105	116	110	119	120	104	112	101	85	90
INDIANA.....	126	134	124	118	123	112	127	135	120	136
ILLINOIS.....	95	96	80	75	73	68	75	75	72	77
IOWA.....	210	204	165	157	143	129	124	105	73	78
MISSOURI.....	89	96	73	66	63	58	68	69	63	67
NORTHERN PLAINS:										
NORTH DAKOTA....	35	37	26	24	21	17	18	16	14	15
SOUTH DAKOTA....	71	77	65	60	58	52	58	49	38	41
NEBRASKA.....	87	81	71	64	62	55	62	53	46	49
KANSAS.....	73	66	57	49	45	43	46	43	41	44
APPALACHIAN:										
VIRGINIA.....	67	66	69	66	66	62	73	66	58	61
WEST VIRGINIA..	20	20	19	17	15	14	15	15	14	15
NORTH CAROLINA..	117	122	112	121	122	116	123	121	124	132
KENTUCKY.....	48	38	35	33	31	30	30	29	29	31
TENNESSEE.....	57	51	51	47	45	45	55	55	56	59
SOUTHEAST:										
SOUTH CAROLINA..	64	66	57	51	45	48	61	48	46	50
GEORGIA.....	103	116	150	170	178	178	223	210	195	208
FLORIDA.....	39	43	47	56	66	67	79	90	90	96
ALABAMA.....	70	85	86	89	104	114	128	126	126	134
DELTA STATES:										
MISSISSIPPI....	53	63	69	76	87	95	114	114	115	122
ARKANSAS.....	72	91	93	107	132	155	216	225	219	234
LOUISIANA.....	41	41	36	34	36	37	38	34	35	37
SOUTHERN PLAINS:										
OKLAHOMA.....	28	32	26	26	24	21	23	21	21	22
TEXAS.....	130	143	130	129	129	130	159	141	120	128
MOUNTAIN:										
MONTANA.....	11	12	9	8	7	7	7	8	8	8
IDAHO.....	14	14	13	12	10	9	8	8	7	7
WYOMING.....	2	2	2	2	2	1	1	1	1	1
COLORADO.....	12	12	11	9	9	9	10	12	13	14
NEW MEXICO.....	6	6	6	5	5	6	6	7	6	7
ARIZONA.....	8	8	9	9	8	8	8	8	7	8
UTAH.....	12	11	9	8	8	8	10	9	9	9
NEVADA.....	1	1	1	1	1	---	---	---	---	---
PACIFIC:										
WASHINGTON....	39	42	41	41	42	39	41	42	37	40
OREGON.....	31	35	27	21	22	20	21	21	18	20
CALIFORNIA....	262	270	286	274	285	257	270	259	246	262
48 STATES 3/	3,015	3,096	2,909	2,859	2,872	2,751	3,111	2,962	2,755	2,934

1/ REVISED.

2/ PRELIMINARY.

3/ DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

TABLE 13.--GRAIN-CONSUMING ANIMAL UNITS OF BROILERS FED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1--									
	1959	1960	1961	1962	1963	1964	1965	1966 ^{1/}	1967 ^{1/}	1968 ^{2/}
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	238	257	273	281	298	301	319	325	319	332
NEW HAMPSHIRE..	22	22	22	15	11	8	8	9	6	6
VERMONT.....	2	2	1	2	1	1	---	---	---	---
MASSACHUSETTS..	38	32	28	33	27	24	22	22	21	22
RHODE ISLAND...	5	5	4	5	3	3	3	2	2	2
CONNECTICUT....	71	64	45	39	39	38	33	29	26	27
NEW YORK.....	42	35	27	18	15	13	14	11	11	12
NEW JERSEY....	30	26	19	15	11	8	7	6	5	6
PENNSYLVANIA...	151	155	151	154	154	172	176	177	182	189
DELAWARE.....	375	367	374	427	448	448	499	522	471	490
MARYLAND.....	401	417	463	509	504	565	622	589	616	641
LAKE STATES:										
MICHIGAN.....	19	18	16	15	12	11	11	5	3	3
WISCONSIN.....	97	88	71	59	55	63	69	69	70	73
MINNESOTA.....	26	42	44	41	41	36	38	39	46	47
CORN BELT:										
OHIO.....	50	48	40	35	31	36	36	38	35	36
INDIANA.....	116	123	104	88	78	76	68	55	55	57
ILLINOIS.....	17	16	10	7	4	2	2	1	1	1
IOWA.....	17	14	14	13	11	12	12	11	13	13
MISSOURI.....	102	136	119	103	103	98	70	67	65	68
NORTHERN PLAINS:										
NORTH DAKOTA..	---	---	---	---	---	---	---	---	---	---
SOUTH DAKOTA..	---	---	---	---	---	---	---	---	---	---
NEBRASKA.....	7	6	3	3	4	4	5	5	4	4
KANSAS.....	6	6	5	4	3	2	2	2	2	2
APPALACHIAN:										
VIRGINIA.....	164	157	146	133	141	144	151	155	171	178
WEST VIRGINIA..	84	79	70	65	59	63	63	56	56	58
NORTH CAROLINA..	470	559	609	646	639	703	781	789	789	820
KENTUCKY.....	53	54	49	41	37	34	34	31	29	30
TENNESSEE.....	110	109	110	119	133	148	166	154	139	145
SOUTHEAST:										
SOUTH CAROLINA..	58	66	68	67	57	54	58	64	64	67
GEORGIA.....	1,025	1,114	1,132	1,151	1,196	1,289	1,460	1,431	1,398	1,454
FLORIDA.....	32	39	38	31	35	41	60	81	114	118
ALABAMA.....	636	713	774	821	874	1,026	1,167	1,169	1,183	1,230
DELTA STATES:										
MISSISSIPPI....	336	394	405	454	455	487	533	571	590	614
ARKANSAS.....	487	619	656	702	772	864	977	987	996	1,036
LOUISIANA.....	61	75	72	82	88	95	106	124	128	133
SOUTHERN PLAINS:										
OKLAHOMA.....	26	29	35	53	51	51	50	53	52	54
TEXAS.....	305	357	365	381	403	412	443	468	470	489
MOUNTAIN:										
MONTANA.....	---	---	---	---	---	---	---	---	---	---
IDAHO.....	11	13	13	15	14	13	16	18	19	19
WYOMING.....	---	---	---	---	---	---	---	---	---	---
COLORADO.....	4	3	1	1	1	1	1	---	---	---
NEW MEXICO....	---	---	---	---	---	---	---	---	---	---
ARIZONA.....	2	1	1	---	---	---	---	1	1	1
UTAH.....	6	7	6	5	6	8	12	6	6	7
NEVADA.....	---	---	---	---	---	---	---	---	---	---
PACIFIC:										
WASHINGTON....	50	51	49	58	62	67	72	70	68	71
OREGON.....	36	36	30	26	31	35	39	41	43	44
CALIFORNIA....	192	219	211	212	200	209	235	242	237	246
48 STATES ^{3/}	5,980	6,573	6,673	6,929	7,107	7,665	8,440	8,495	8,506	8,845

1/ REVISED.
 2/ PRELIMINARY.
 3/ DATA NOT AVAILABLE FOR ALASKA AND HAWAII.



TABLE 14.--GRAIN-CONSUMING ANIMAL UNITS OF TURKEYS FED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1									
	1959	1960	1961	1962	1963	1964	1965	1966 1/	1967 1/	1968 2/
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	3	2	1	1	1	2	1	1	1	1
NEW HAMPSHIRE..	3	3	2	2	2	2	3	2	1	1
VERMONT.....	1	1	1	1	1	1	1	1	1	1
MASSACHUSETTS..	11	16	11	11	10	10	10	9	8	7
RHODE ISLAND...	1	1	1	1	1	1	1	---	---	---
CONNECTICUT....	8	9	7	8	7	6	5	5	4	4
NEW YORK.....	22	23	18	15	12	11	11	11	10	9
NEW JERSEY....	5	5	5	6	8	15	19	15	11	14
PENNSYLVANIA...	50	52	44	46	53	54	59	63	49	51
DELAWARE.....	6	6	4	8	8	9	7	7	4	3
MARYLAND.....	6	6	8	7	7	9	7	6	4	3
LAKE STATES:										
MICHIGAN.....	36	41	32	37	35	36	35	34	39	39
WISCONSIN.....	93	141	125	121	116	121	124	112	91	81
MINNESOTA.....	430	549	447	449	449	463	444	463	410	427
CORN BELT:										
OHIO.....	88	101	100	107	117	103	112	125	120	134
INDIANA.....	91	120	100	114	120	120	125	125	100	109
ILLINOIS.....	32	40	33	34	41	41	42	30	25	27
IOWA.....	224	291	228	234	243	247	220	229	181	177
MISSOURI.....	136	176	128	161	217	247	330	385	304	290
NORTHERN PLAINS:										
NORTH DAKOTA...	28	42	33	31	33	37	37	36	27	27
SOUTH DAKOTA...	28	31	23	25	23	28	27	33	27	25
NEBRASKA.....	43	56	43	35	44	45	35	35	37	37
KANSAS.....	30	42	30	27	29	24	21	22	14	14
APPALACHIAN:										
VIRGINIA.....	81	93	85	97	108	115	121	113	96	95
WEST VIRGINIA..	17	18	19	23	35	37	36	35	26	26
NORTH CAROLINA..	61	94	80	92	131	145	193	216	257	273
KENTUCKY.....	13	28	29	23	29	36	21	8	4	4
TENNESSEE.....	4	4	4	3	3	2	1	1	1	1
SOUTHEAST:										
SOUTH CAROLINA..	23	34	24	17	27	31	41	70	57	144
GEORGIA.....	14	22	22	41	53	47	61	67	64	60
FLORIDA.....	4	3	5	4	3	4	3	5	4	4
ALABAMA.....	11	13	8	20	28	31	51	42	29	29
DELTA STATES:										
MISSISSIPPI....	6	6	6	6	5	4	3	4	2	1
ARKANSAS.....	71	104	82	98	133	159	218	282	232	232
LOUISIANA.....	2	3	2	1	1	1	---	---	---	---
SOUTHERN PLAINS:										
OKLAHOMA.....	43	58	45	50	44	50	49	60	37	45
TEXAS.....	119	148	128	143	151	163	199	250	224	219
MOUNTAIN:										
MONTANA.....	---	1	---	---	1	1	1	2	1	1
IDAHO.....	8	8	8	8	6	6	7	8	5	5
WYOMING.....	---	---	---	---	---	---	---	---	---	---
COLORADO.....	46	62	51	62	53	63	72	81	72	78
NEW MEXICO.....	2	1	1	---	---	---	---	---	---	---
ARIZONA.....	4	4	7	9	8	4	4	3	3	3
UTAH.....	107	146	135	128	116	111	131	147	124	125
NEVADA.....	---	---	---	---	---	---	---	---	---	---
PACIFIC:										
WASHINGTON.....	20	19	20	14	17	19	18	19	17	17
OREGON.....	43	55	46	52	43	47	52	60	58	59
CALIFORNIA.....	542	663	677	569	578	581	640	717	533	543
48 STATES 3/	2,616	3,343	2,908	2,941	3,150	3,289	3,598	3,939	3,314	3,445

1/ REVISED.
 2/ PRELIMINARY.
 3/ DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

TABLE 15.--GRAIN-CONSUMING ANIMAL UNITS OF HORSES AND MULES FED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1--									
	1959	1960	1961	1962	1963	1964	1965	1966 ^{1/}	1967 ^{1/}	1968 ^{2/}
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	2	2	2	2	2	2	2	2	2	2
NEW HAMPSHIRE.....	1	1	1	1	1	1	1	1	1	1
VERMONT.....	2	2	2	2	2	2	2	2	2	2
MASSACHUSETTS.....	1	1	1	1	1	1	1	1	1	1
RHODE ISLAND.....										
CONNECTICUT.....	1	1	1	1	1	1	1	1	1	1
NEW YORK.....	7	7	7	7	7	7	7	7	7	7
NEW JERSEY.....	1	1	1	1	1	1	1	1	1	1
PENNSYLVANIA.....	25	25	25	25	24	24	24	24	24	24
DELAWARE.....	1	1	1	1	1	1	1	1	1	1
MARYLAND.....	3	3	3	3	3	3	3	3	3	3
LAKE STATES:										
MICHIGAN.....	13	13	13	13	13	13	13	13	13	13
WISCONSIN.....	23	23	23	23	22	22	22	22	22	22
MINNESOTA.....	23	23	23	23	22	22	22	22	22	22
CORN BELT:										
OHIO.....	32	32	32	32	31	31	31	31	31	31
INDIANA.....	19	19	19	19	18	18	18	18	18	18
ILLINOIS.....	25	25	25	25	24	24	24	24	24	24
IOWA.....	32	32	32	32	31	31	31	31	31	31
MISSOURI.....	45	45	45	45	44	44	44	44	44	44
NORTHERN PLAINS:										
NORTH DAKOTA.....	22	22	22	22	21	21	21	21	21	21
SOUTH DAKOTA.....	24	24	24	24	24	24	24	24	24	24
NEBRASKA.....	28	28	28	28	27	27	27	27	27	27
KANSAS.....	10	10	10	10	10	10	10	10	10	10
APPALACHIAN:										
VIRGINIA.....	23	23	23	23	22	22	22	22	22	22
WEST VIRGINIA.....	16	16	16	16	16	16	16	16	16	16
NORTH CAROLINA.....	64	64	64	64	62	62	62	62	62	62
KENTUCKY.....	67	67	67	67	65	65	65	65	65	65
TENNESSEE.....	37	37	37	37	36	36	36	36	36	36
SOUTHEAST:										
SOUTH CAROLINA.....	34	34	34	34	33	33	33	33	33	33
GEORGIA.....	38	38	38	38	37	37	37	37	37	37
FLORIDA.....	13	13	13	13	12	12	12	12	12	12
ALABAMA.....	65	65	65	65	63	63	63	63	63	63
DELTA STATES:										
MISSISSIPPI.....	92	92	92	92	89	89	89	89	89	89
ARKANSAS.....	48	48	48	48	47	47	47	47	47	47
LOUISIANA.....	53	53	53	53	51	51	51	51	51	51
SOUTHERN PLAINS:										
OKLAHOMA.....	37	37	37	37	35	35	35	35	35	35
TEXAS.....	95	95	95	95	92	92	92	92	92	92
MOUNTAIN:										
MONTANA.....	35	35	35	35	34	34	34	34	34	34
IDAHO.....	19	19	19	19	18	18	18	18	18	18
WYOMING.....	20	20	20	20	19	19	19	19	19	19
COLORADO.....	17	17	17	17	17	17	17	17	17	17
NEW MEXICO.....	38	38	38	38	37	37	37	37	37	37
ARIZONA.....	36	36	36	36	35	35	35	35	35	35
UTAH.....	16	16	16	16	16	16	16	16	16	16
NEVADA.....	8	8	8	8	8	8	8	8	8	8
PACIFIC:										
WASHINGTON.....	7	7	7	7	7	7	7	7	7	7
OREGON.....	7	7	7	7	7	7	7	7	7	7
CALIFORNIA.....	7	7	7	7	7	7	7	7	7	7
48 STATES ^{3/}	1,232	1,232	1,232	1,232	1,195	1,195	1,195	1,195	1,195	1,195

^{1/} REVISED.
^{2/} PRELIMINARY.
^{3/} DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

TABLE 26.--TOTAL GRAIN-CONSUMING ANIMAL UNITS FED ANNUALLY, ALL CLASSES, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1--									
	1959	1960	1961	1962	1963	1964	1965	1966 ^{1/}	1967 ^{1/}	1968 ^{2/}
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	660	680	707	718	727	736	765	801	798	829
NEW HAMPSHIRE.....	217	217	213	201	192	186	190	192	178	178
VERMONT.....	359	361	359	348	333	323	298	294	288	288
MASSACHUSETTS.....	402	391	368	362	347	330	318	317	298	299
RHODE ISLAND.....	52	50	48	48	45	46	44	42	37	38
CONNECTICUT.....	405	398	389	390	397	392	385	388	376	384
NEW YORK.....	2,421	2,427	2,430	2,421	2,396	2,382	2,341	2,295	2,265	2,211
NEW JERSEY.....	837	781	742	701	642	571	539	504	432	397
PENNSYLVANIA.....	2,928	2,931	2,881	2,837	2,742	2,713	2,666	2,675	2,594	2,636
DELAWARE.....	481	473	477	530	547	544	591	614	559	575
MARYLAND.....	886	894	974	1,016	995	1,038	1,081	1,043	1,067	1,086
LAKE STATES:										
MICHIGAN.....	2,080	2,027	2,056	2,096	2,079	2,005	1,903	1,892	1,840	1,819
WISCONSIN.....	5,224	5,237	5,164	5,187	5,141	4,986	4,755	4,778	4,694	4,651
MINNESOTA.....	6,916	7,147	6,927	7,027	6,845	6,455	6,166	6,332	6,290	6,182
CORN BELT:										
OHIO.....	3,743	3,743	3,714	3,798	3,763	3,539	3,402	3,506	3,423	3,312
INDIANA.....	4,872	4,904	4,909	5,044	4,976	4,514	4,392	4,506	4,509	4,549
ILLINOIS.....	8,064	8,121	8,376	8,659	8,390	7,801	7,470	7,707	7,552	7,494
IOWA.....	13,887	13,823	13,948	14,436	14,510	14,336	13,718	14,982	14,753	15,320
MISSOURI.....	6,645	6,678	6,617	6,713	6,607	6,351	6,480	6,748	6,857	6,857
NORTHERN PLAINS:										
NORTH DAKOTA.....	1,055	1,068	1,003	1,012	1,045	1,024	957	940	852	790
SOUTH DAKOTA.....	2,422	2,448	2,593	2,659	2,655	2,542	2,533	2,682	2,770	2,739
NEBRASKA.....	4,320	4,411	4,783	4,932	5,168	5,009	5,279	5,534	5,765	5,977
KANSAS.....	2,411	2,547	2,705	2,806	2,732	2,626	2,715	2,999	3,080	3,424
APPALACHIAN:										
VIRGINIA.....	1,476	1,433	1,404	1,404	1,341	1,277	1,298	1,305	1,299	1,297
WEST VIRGINIA.....	460	434	410	393	382	371	356	345	334	330
NORTH CAROLINA.....	2,366	2,423	2,483	2,564	2,595	2,674	2,842	3,093	3,196	3,336
KENTUCKY.....	2,075	2,040	2,035	2,003	1,944	1,851	1,826	1,865	1,942	1,920
TENNESSEE.....	2,018	1,911	1,902	1,893	1,804	1,733	1,748	1,856	1,811	1,776
SOUTHEAST:										
SOUTH CAROLINA.....	802	800	770	754	748	722	768	856	822	934
GEORGIA.....	2,916	3,002	3,168	3,316	3,515	3,646	3,887	4,075	4,113	4,300
FLORIDA.....	1,167	1,176	1,168	1,187	1,186	1,245	1,327	1,442	1,477	1,590
ALABAMA.....	2,044	2,097	2,235	2,303	2,362	2,549	2,718	2,833	2,895	2,974
DELTA STATES:										
MISSISSIPPI.....	1,565	1,597	1,612	1,692	1,712	1,780	1,868	1,977	1,991	2,000
ARKANSAS.....	1,532	1,723	1,847	1,930	2,122	2,318	2,598	2,872	2,917	2,937
LOUISIANA.....	832	820	804	792	810	824	830	871	854	857
SOUTHERN PLAINS:										
OKLAHOMA.....	1,212	1,193	1,200	1,190	1,175	1,147	1,158	1,271	1,302	1,347
TEXAS.....	3,217	3,238	3,405	3,659	3,621	3,523	3,700	4,192	4,450	4,973
MOUNTAIN:										
MONTANA.....	557	574	548	569	614	619	629	659	668	699
IDAHO.....	639	636	591	636	609	598	618	666	660	740
WYOMING.....	254	243	227	225	221	218	220	205	225	205
COLORADO.....	1,469	1,482	1,436	1,743	1,682	1,722	1,881	1,954	2,013	2,227
NEW MEXICO.....	383	380	404	433	443	440	466	519	593	637
ARIZONA.....	620	661	691	793	729	761	778	805	827	910
UTAH.....	522	561	550	541	516	491	539	527	513	510
NEVADA.....	124	119	111	105	113	116	115	123	119	128
PACIFIC:										
WASHINGTON.....	834	829	840	866	855	881	851	860	875	868
OREGON.....	672	685	655	644	626	621	620	632	621	620
CALIFORNIA.....	4,555	4,888	5,106	5,406	5,340	5,325	5,653	5,895	5,635	5,726
48 STATES ^{3/}	103,598	104,702	105,985	108,982	108,339	105,901	106,282	111,469	111,429	113,876

^{1/} REVISED.
^{2/} PRELIMINARY.
^{3/} DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

UPDATA 1980

TABLE 17.—GRAIN-CONSUMING ANIMAL UNITS: NUMBER AND PERCENTAGE FED ANNUALLY, BY REGIONS, 1959-68

YEAR BEGINNING OCT. 1	NORTH- EAST	LAKE STATES	CORN BELT	NORTHERN PLAINS	APPA- LACHIAN	SOUTH- EAST	DELTA STATES	SOUTHERN PLAINS	MOUNTAIN	PACIFIC	TOTAL
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
1959.....	9,648	14,220	35,211	10,208	8,395	6,929	3,929	4,429	4,568	6,061	103,598
1960.....	9,603	14,411	35,269	10,474	8,241	7,075	4,140	4,431	4,656	6,402	104,702
1961.....	9,588	14,147	35,564	11,084	8,234	7,341	4,263	4,605	4,558	6,601	105,985
1962.....	9,572	14,310	36,650	11,409	8,257	7,560	4,414	4,849	5,045	6,916	108,982
1963.....	9,363	14,065	36,246	11,600	8,066	7,811	4,644	4,796	4,927	6,821	108,339
1964.....	9,261	13,446	34,541	11,201	7,906	8,162	4,922	4,670	4,965	6,827	105,901
1965.....	9,218	12,824	33,462	11,484	8,070	8,700	5,296	4,858	5,246	7,124	106,282
1966.....	9,165	13,002	35,449	12,155	8,464	9,206	5,720	5,463	5,458	7,387	111,469
1967.....	8,892	12,824	35,094	12,467	8,582	9,307	5,762	5,752	5,618	7,131	111,429
1968.....	8,921	12,652	35,532	12,930	8,659	9,798	5,794	6,320	6,056	7,214	113,876
PERCENTAGE OF TOTAL											
1959.....	9.3	13.7	34.1	9.8	8.1	6.7	3.8	4.3	4.4	5.8	100.0
1960.....	9.2	13.8	33.6	10.0	7.9	6.8	4.0	4.2	4.4	6.1	100.0
1961.....	9.0	13.3	33.8	10.4	7.8	6.9	4.0	4.3	4.3	6.2	100.0
1962.....	8.8	13.1	33.8	10.5	7.6	6.9	4.0	4.4	4.6	6.3	100.0
1963.....	8.6	13.0	33.6	10.7	7.4	7.2	4.3	4.4	4.5	6.3	100.0
1964.....	8.7	12.7	32.7	10.6	7.5	7.7	4.6	4.4	4.7	6.4	100.0
1965.....	8.7	12.1	31.4	10.8	7.6	8.2	5.0	4.6	4.9	6.7	100.0
1966.....	8.2	11.7	31.9	10.9	7.6	8.2	5.1	4.9	4.9	6.6	100.0
1967.....	8.0	11.5	31.4	11.2	7.7	8.4	5.2	5.2	5.0	6.4	100.0
1968.....	7.8	11.1	31.3	11.4	7.6	8.6	5.1	5.5	5.3	6.3	100.0

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TABLE 28.--ROUGHAGE-CONSUMING ANIMAL UNITS OF MILK COWS FED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1.--									
	1959	1960	1961	1962	1963	1964	1965	1966 1/	1967 1/	1968 2/
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	99	100	100	98	91	85	79	76	74	72
NEW HAMPSHIRE...	59	60	60	58	54	52	49	47	45	44
VERMONT.....	313	317	317	310	298	292	269	264	260	255
MASSACHUSETTS...	99	100	98	95	91	87	82	80	76	73
RHODE ISLAND.....	15	14	13	12	11	11	10	9	9	8
CONNECTICUT.....	102	101	97	93	90	87	84	83	80	77
NEW YORK.....	1,358	1,385	1,385	1,371	1,330	1,303	1,252	1,189	1,165	1,125
NEW JERSEY.....	143	142	139	135	127	117	110	99	92	84
PENNSYLVANIA.....	998	1,008	1,008	998	977	948	901	865	840	832
DELAWARE.....	30	29	28	26	23	21	20	18	17	16
MARYLAND.....	234	236	227	225	214	204	202	193	189	187
LAKE STATES:										
MICHIGAN.....	806	790	798	782	759	736	692	629	592	562
WISCONSIN.....	2,687	2,687	2,687	2,687	2,660	2,660	2,527	2,438	2,401	2,342
MINNESOTA.....	1,530	1,545	1,561	1,545	1,545	1,515	1,408	1,338	1,284	1,246
CORN BELT:										
OHIO.....	746	738	723	687	653	614	571	543	516	490
INDIANA.....	506	491	476	457	439	408	374	339	305	290
ILLINOIS.....	644	631	606	569	529	487	448	412	376	361
IOWA.....	869	861	853	818	794	762	686	638	594	558
MISSOURI.....	721	699	692	630	574	528	480	451	428	411
NORTHERN PLAINS:										
NORTH DAKOTA.....	341	331	331	321	308	293	258	230	205	188
SOUTH DAKOTA.....	301	292	289	274	274	274	252	250	241	229
NEBRASKA.....	344	338	329	305	294	271	260	237	227	211
KANSAS.....	371	356	338	311	286	266	250	238	228	214
APPALACHIAN:										
VIRGINIA.....	337	327	314	298	286	265	255	240	233	223
WEST VIRGINIA...	147	140	132	119	109	98	89	81	76	71
NORTH CAROLINA...	282	273	262	249	239	227	221	208	201	195
KENTUCKY.....	487	481	476	472	448	422	396	373	365	347
TENNESSEE.....	423	402	394	378	359	348	334	314	298	260
SOUTHEAST:										
SOUTH CAROLINA..	106	101	96	91	86	81	75	72	71	66
GEORGIA.....	209	200	190	178	170	159	148	142	135	132
FLORIDA.....	78	78	71	69	68	68	70	70	70	70
ALABAMA.....	257	244	234	220	200	190	177	169	158	149
DELTA STATES:										
MISSISSIPPI.....	363	345	321	299	272	255	242	223	209	199
ARKANSAS.....	208	203	199	181	148	132	115	108	98	94
LOUISIANA.....	228	221	217	210	202	194	184	177	169	163
SOUTHERN PLAINS:										
OKLAHOMA.....	224	213	204	188	173	158	147	134	132	128
TEXAS.....	534	502	497	487	444	403	363	345	328	308
MOUNTAIN:										
MONTANA.....	103	95	89	82	78	76	70	65	60	57
IDAHO.....	290	284	282	273	254	243	227	218	215	218
WYOMING.....	41	38	34	32	32	31	29	26	25	24
COLORADO.....	141	134	129	126	121	116	109	109	111	112
NEW MEXICO.....	46	45	43	41	42	42	42	41	40	39
ARIZONA.....	55	56	56	56	58	58	58	58	57	57
UTAH.....	120	115	112	107	103	99	95	93	90	91
NEVADA.....	20	21	20	20	19	19	17	17	17	17
PACIFIC:										
WASHINGTON.....	307	302	292	280	269	263	258	256	247	236
OREGON.....	165	162	155	149	137	130	122	119	113	110
CALIFORNIA.....	1,037	1,037	1,016	1,016	1,000	990	980	980	989	978
48 STATES 3/	19,524	19,270	18,990	18,428	17,730	17,086	16,088	15,304	14,751	14,239

1/ REVISED.

2/ PRELIMINARY.

3/ DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

TABLE 19.—ROUGHAGE-CONSUMING ANIMAL UNITS OF OTHER DAIRY CATTLE FED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1.—									
	1959	1960	1961	1962	1963	1964	1965	1966 ^{1/}	1967 ^{2/}	1968 ^{2/}
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	48	50	50	46	42	38	35	37	36	37
NEW HAMPSHIRE...	24	24	24	24	22	21	19	19	19	18
VERMONT.....	96	101	101	96	88	80	72	74	77	80
MASSACHUSETTS...	30	32	33	30	28	26	23	24	24	25
RHODE ISLAND...	3	3	3	3	3	2	2	2	2	2
CONNECTICUT.....	31	32	32	30	28	26	25	27	27	26
NEW YORK.....	520	523	533	515	489	474	454	456	467	465
NEW JERSEY.....	27	27	27	26	23	21	19	20	18	18
PENNSYLVANIA.....	372	382	382	368	349	333	316	315	327	337
DELAWARE.....	11	11	10	8	8	6	6	6	5	4
MARYLAND.....	86	86	83	77	67	62	61	61	61	61
LAKE STATES:										
MICHIGAN.....	337	339	332	322	311	288	263	246	234	228
WISCONSIN.....	1,037	1,064	1,074	1,066	1,039	1,012	939	904	896	878
MINNESOTA.....	634	644	638	628	623	598	559	514	486	495
CORN BELT:										
OHIO.....	318	313	304	283	259	241	222	215	212	205
INDIANA.....	215	202	193	186	169	152	132	135	127	118
ILLINOIS.....	337	330	316	279	242	216	201	186	177	165
IOWA.....	421	400	385	374	370	348	319	299	297	290
MISSOURI.....	333	308	282	251	222	198	175	185	199	199
NORTHERN PLAINS:										
NORTH DAKOTA...	114	113	110	105	97	88	77	69	63	58
SOUTH DAKOTA...	114	116	113	111	109	100	92	89	83	81
NEBRASKA.....	155	141	129	118	109	103	97	89	83	77
KANSAS.....	173	159	149	136	123	107	96	93	86	83
APPALACHIAN:										
VIRGINIA.....	143	140	133	126	116	109	104	100	101	99
WEST VIRGINIA...	48	46	43	38	34	30	25	20	19	19
NORTH CAROLINA...	135	128	121	116	107	97	90	85	84	84
KENTUCKY.....	238	237	227	213	198	186	177	167	167	166
TENNESSEE.....	181	167	157	146	134	129	124	120	121	123
SOUTHEAST:										
SOUTH CAROLINA..	48	47	45	41	37	32	29	27	25	24
GEORGIA.....	105	102	98	92	86	79	72	70	70	66
FLORIDA.....	42	28	21	19	15	15	17	17	17	17
ALABAMA.....	129	124	118	109	100	94	83	77	71	66
DELTA STATES:										
MISSISSIPPI.....	196	192	181	162	145	137	134	120	113	110
ARKANSAS.....	99	97	91	74	63	56	49	45	43	41
LOUISIANA.....	117	113	106	104	103	99	91	88	85	80
SOUTHERN PLAINS:										
OKLAHOMA.....	140	134	126	113	99	91	87	80	86	80
TEXAS.....	288	281	261	232	204	179	168	156	154	149
MOUNTAIN:										
MONTANA.....	41	38	33	31	30	29	27	25	23	23
IDAHO.....	137	133	128	121	117	114	104	100	97	96
WYOMING.....	16	15	13	12	12	11	9	9	7	7
COLORADO.....	75	69	63	62	58	55	53	55	58	59
NEW MEXICO.....	19	19	19	19	18	17	18	18	17	15
ARIZONA.....	24	25	24	22	22	22	20	19	19	21
UTAH.....	55	51	48	46	43	43	43	41	41	41
NEVADA.....	12	11	10	9	9	9	9	9	9	9
PACIFIC:										
WASHINGTON.....	135	134	123	116	112	107	102	100	97	91
OREGON.....	98	95	91	87	81	78	76	76	74	71
CALIFORNIA.....	481	469	463	451	445	436	439	440	432	430
48 STATES ^{3/}	8,438	8,295	8,046	7,643	7,208	6,794	6,354	6,129	6,034	5,937

^{1/} REVISED.

^{2/} PRELIMINARY.

^{3/} DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

TABLE 20.—ROUGHAGE-CONSUMING ANIMAL UNITS OF CATTLE ON FEED FED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1--									
	1959	1960	1961	1962	1963	1964	1965	1966 1/	1967 1/	1968 2/
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	---	---	---	---	---	---	---	---	---	---
NEW HAMPSHIRE.....	---	---	---	---	---	---	---	---	---	---
VERMONT.....	---	---	---	---	---	---	---	---	---	---
MASSACHUSETTS.....	---	---	---	---	---	---	---	---	---	---
RHODE ISLAND.....	---	---	---	---	---	---	---	---	---	---
CONNECTICUT.....	---	---	---	---	---	---	---	---	---	---
NEW YORK.....	---	---	2	2	2	2	2	2	2	2
NEW JERSEY.....	---	---	---	---	---	---	---	---	---	---
PENNSYLVANIA.....	17	18	18	16	16	16	17	16	17	17
DELAWARE.....	---	---	---	---	---	---	---	---	---	---
MARYLAND.....	---	---	---	---	---	---	---	---	---	---
LAKE STATES:										
MICHIGAN.....	8	8	9	10	11	11	11	11	11	12
WISCONSIN.....	7	7	7	8	8	8	8	9	9	9
MINNESOTA.....	25	29	27	30	30	31	33	34	36	34
CORN BELT:										
OHIO.....	13	14	15	18	19	19	20	21	21	20
INDIANA.....	14	14	15	17	19	17	21	20	22	22
ILLINOIS.....	28	30	32	35	33	32	33	32	29	32
IOWA.....	92	94	96	106	109	113	108	123	117	135
MISSOURI.....	23	25	23	26	25	27	34	31	33	34
NORTHERN PLAINS:										
NORTH DAKOTA.....	21	24	17	20	22	24	20	18	14	12
SOUTH DAKOTA.....	36	42	47	48	47	46	50	56	58	58
NEBRASKA.....	149	157	189	201	229	230	275	293	303	320
KANSAS.....	52	64	72	84	84	85	91	111	115	145
APPALACHIAN:										
VIRGINIA.....	2	2	2	2	2	2	3	2	3	3
WEST VIRGINIA.....	---	---	---	---	---	---	---	---	---	---
NORTH CAROLINA.....	4	4	4	5	5	5	5	5	5	6
KENTUCKY.....	6	5	6	6	7	8	8	7	7	7
TENNESSEE.....	5	5	6	6	6	5	5	5	4	4
SOUTHEAST:										
SOUTH CAROLINA.....	2	2	2	1	2	2	2	2	2	2
GEORGIA.....	7	8	11	8	10	11	10	7	10	9
FLORIDA.....	7	10	12	14	10	13	12	12	10	10
ALABAMA.....	9	10	10	10	10	11	10	11	11	11
DELTA STATES:										
MISSISSIPPI.....	7	7	6	6	6	6	6	7	6	5
ARKANSAS.....	7	7	6	6	6	6	6	5	5	5
LOUISIANA.....	6	3	3	3	3	3	2	3	3	4
SOUTHERN PLAINS:										
OKLAHOMA.....	14	15	18	18	25	24	27	35	38	43
TEXAS.....	24	24	31	43	46	47	51	64	77	103
MOUNTAIN:										
MONTANA.....	9	10	9	9	11	12	13	13	14	16
IDAHO.....	24	25	21	26	25	27	30	35	35	43
WYOMING.....	7	7	6	6	5	5	5	4	6	4
COLORADO.....	29	30	29	38	37	39	43	44	46	52
NEW MEXICO.....	14	13	16	22	24	25	26	35	46	53
ARIZONA.....	71	78	83	101	87	93	97	100	103	118
UTAH.....	17	20	21	23	22	18	23	17	18	17
NEVADA.....	8	7	6	4	6	6	7	9	8	10
PACIFIC:										
WASHINGTON.....	33	30	34	37	36	40	38	38	43	45
OREGON.....	17	18	19	21	22	24	25	24	24	24
CALIFORNIA.....	219	235	257	329	311	301	313	323	296	318
48 STATES 3/	1,033	1,101	1,187	1,365	1,378	1,394	1,492	1,584	1,607	1,764

1/ REVISED.

2/ PRELIMINARY.

3/ DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

TABLE 21.--ROUGHAGE-CONSUMING ANIMAL UNITS OF OTHER BEEF CATTLE FED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1--									
	1959	1960	1961	1962	1963	1964	1965	1966 1/	1967 2/	1968 2/
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	18	20	19	19	18	17	16	16	16	16
NEW HAMPSHIRE...	5	5	5	4	4	4	4	4	4	4
VERMONT.....	11	11	10	10	10	10	10	10	10	10
MASSACHUSETTS...	6	6	6	6	6	7	8	8	8	8
RHODE ISLAND.....	1	1	1	1	1	1	1	1	1	1
CONNECTICUT.....	6	6	6	6	6	7	7	7	7	7
NEW YORK.....	98	92	93	88	92	95	92	93	99	102
NEW JERSEY.....	9	9	10	10	11	11	11	11	13	15
PENNSYLVANIA.....	230	235	248	262	266	276	282	271	287	297
DELAWARE.....	8	7	8	8	7	7	7	8	7	8
MARYLAND.....	100	106	82	89	84	84	77	83	87	88
LAKE STATES:										
MICHIGAN.....	307	345	374	379	398	418	397	346	325	329
WISCONSIN.....	267	273	293	320	413	465	425	444	448	464
MINNESOTA.....	970	992	1,138	1,212	1,323	1,355	1,276	1,258	1,242	1,188
CORN BELT:										
OHIO.....	657	664	674	701	721	721	674	676	700	754
INDIANA.....	833	879	889	917	916	943	901	917	884	806
ILL. INDIS.....	1,678	1,603	1,566	1,657	1,723	1,738	1,711	1,594	1,575	1,524
IOWA.....	2,766	2,620	2,763	2,970	3,061	3,261	3,314	3,239	3,297	3,281
MISSOURI.....	2,040	2,154	2,329	2,417	2,636	2,811	2,728	2,842	2,900	2,900
NORTHERN PLAINS:										
NORTH DAKOTA...	868	951	983	1,134	1,306	1,387	1,362	1,383	1,304	1,247
SOUTH DAKOTA...	1,947	1,965	2,071	2,261	2,518	2,623	2,657	2,693	2,693	2,736
NEBRASKA.....	2,887	2,925	3,058	3,300	3,438	3,471	3,472	3,524	3,516	3,382
KANSAS.....	2,680	2,758	3,057	3,233	3,419	3,283	3,678	3,824	3,477	3,974
APPALACHIAN:										
VIRGINIA.....	610	636	675	705	662	697	697	716	736	758
WEST VIRGINIA...	239	242	248	250	254	259	244	232	251	265
NORTH CAROLINA...	290	311	330	349	384	398	423	454	466	484
KENTUCKY.....	852	907	1,011	1,105	1,239	1,250	1,257	1,366	1,505	1,541
TENNESSEE.....	765	844	913	981	1,092	1,177	1,192	1,246	1,286	1,300
SOUTHEAST:										
SOUTH CAROLINA..	246	253	268	290	304	324	335	345	356	366
GEORGIA.....	714	762	817	896	990	1,064	1,057	1,070	1,086	1,119
FLORIDA.....	946	964	994	1,064	1,172	1,203	1,198	1,188	1,150	1,145
ALABAMA.....	846	860	894	961	1,060	1,135	1,145	1,112	1,153	1,151
DELTA STATES:										
MISSISSIPPI.....	1,019	1,068	1,146	1,213	1,332	1,422	1,435	1,445	1,482	1,460
ARKANSAS.....	710	725	735	815	926	992	1,000	1,046	1,104	1,110
LOUISIANA.....	958	1,012	1,047	1,055	1,132	1,171	1,102	1,060	1,025	1,021
SOUTHERN PLAINS:										
OKLAHOMA.....	2,196	2,311	2,427	2,595	2,806	3,021	3,058	2,979	3,099	3,228
TEXAS.....	6,229	6,479	6,671	7,068	7,196	7,170	7,423	7,512	7,593	7,843
MOUNTAIN:										
MONTANA.....	1,551	1,485	1,482	1,633	1,855	1,952	2,014	2,041	2,129	2,119
IDAHO.....	705	697	744	802	905	910	901	850	906	905
WYOMING.....	831	778	797	862	950	992	1,015	1,011	1,068	1,032
COLORADO.....	1,271	1,286	1,395	1,452	1,493	1,467	1,652	1,739	1,754	1,732
NEW MEXICO.....	807	808	846	841	873	831	849	848	825	810
ARIZONA.....	508	506	501	508	524	536	496	532	526	517
UTAH.....	362	347	353	359	383	410	402	414	424	443
NEVADA.....	363	348	345	359	379	399	385	373	382	393
PACIFIC:										
WASHINGTON.....	486	534	596	650	695	716	673	686	680	614
OREGON.....	840	855	861	911	1,017	1,058	1,037	1,017	1,025	1,018
CALIFORNIA.....	1,555	1,593	1,584	1,676	1,826	1,856	1,951	1,969	2,048	2,046
48 STATES 2/	44,289	45,238	47,363	50,404	53,826	55,425	56,051	56,181	56,959	56,961

1/ REVISED.
 2/ PRELIMINARY.
 3/ DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

TABLE 22.--ROUGHAGE-CONSUMING ANIMAL UNITS OF SHEEP AND GOATS FED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1--									
	1959	1960	1961 ^{1/}	1962	1963	1964	1965	1966 ^{2/}	1967 ^{2/}	1968 ^{2/}
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	6	6	6	6	5	4	3	3	3	3
NEW HAMPSHIRE.....	1	1	1	1	1	1	1	1	1	1
VERMONT.....	2	2	2	2	1	1	1	1	1	1
MASSACHUSETTS.....	2	2	2	2	2	2	2	2	2	2
RHODE ISLAND.....	---	---	---	---	---	---	---	---	---	---
CONNECTICUT.....	1	1	1	1	1	1	1	1	1	1
NEW YORK.....	27	23	23	21	21	20	18	17	16	15
NEW JERSEY.....	3	3	3	2	2	2	2	2	1	1
PENNSYLVANIA.....	45	43	41	37	34	34	34	32	31	31
DELAWARE.....	1	1	1	1	1	1	1	1	---	---
MARYLAND.....	6	5	5	4	4	4	3	3	3	3
LAKE STATES:										
MICHIGAN.....	53	49	48	42	41	40	39	34	32	30
WISCONSIN.....	33	32	31	29	27	26	25	25	25	23
MINNESOTA.....	128	135	129	113	100	93	89	85	73	72
CORN BELT:										
OHIO.....	161	145	136	127	116	115	113	112	111	107
INDIANA.....	82	80	78	65	57	57	54	51	49	46
ILLINOIS.....	103	103	98	85	77	68	65	63	58	56
IOWA.....	205	201	190	165	158	159	145	133	123	122
MISSOURI.....	128	118	106	84	77	71	67	61	55	49
NORTHERN PLAINS:										
NORTH DAKOTA.....	117	122	113	107	94	86	80	76	65	61
SOUTH DAKOTA.....	307	318	292	290	267	249	243	238	221	215
NEBRASKA.....	74	73	68	61	56	56	56	53	47	44
KANSAS.....	84	91	91	85	75	67	68	65	56	48
APPALACHIAN:										
VIRGINIA.....	61	59	54	50	44	43	42	40	40	37
WEST VIRGINIA.....	48	46	43	41	36	35	32	30	29	28
NORTH CAROLINA.....	9	9	8	6	5	4	4	4	4	3
KENTUCKY.....	96	80	64	50	40	31	28	27	23	19
TENNESSEE.....	46	39	34	29	21	18	16	14	11	9
SOUTHEAST:										
SOUTH CAROLINA.....	2	2	1	1	1	1	1	---	---	---
GEORGIA.....	5	4	3	2	2	1	1	1	1	1
FLORIDA.....	1	1	1	1	1	1	1	1	1	1
ALABAMA.....	6	5	4	3	2	2	2	1	1	1
DELTA STATES:										
MISSISSIPPI.....	13	11	8	8	6	5	4	4	4	3
ARKANSAS.....	8	8	6	4	3	3	2	2	2	1
LOUISIANA.....	16	17	13	12	10	8	7	6	5	5
SOUTHERN PLAINS:										
OKLAHOMA.....	40	39	32	30	26	22	22	21	21	20
TEXAS.....	2,076	2,142	2,134	2,105	2,089	2,028	2,048	1,895	1,738	1,479
MOUNTAIN:										
MONTANA.....	353	332	292	298	292	280	255	245	233	226
IDAHO.....	224	213	198	188	172	165	160	151	151	144
WYOMING.....	450	428	419	419	415	398	383	365	350	340
COLORADO.....	293	290	275	265	233	216	217	205	181	175
NEW MEXICO.....	216	221	220	212	206	183	179	175	163	156
ARIZONA.....	95	94	93	99	101	105	100	92	90	89
UTAH.....	229	220	216	216	199	189	191	192	188	182
NEVADA.....	60	53	54	49	47	43	44	42	39	37
PACIFIC:										
WASHINGTON.....	58	56	53	48	43	37	31	28	26	25
OREGON.....	180	177	163	152	141	131	122	109	104	100
CALIFORNIA.....	310	298	286	260	258	250	250	256	245	223
48 STATES ^{2/}	6,464	6,398	6,141	5,878	5,610	5,356	5,252	4,965	4,624	4,235

1/ REVISED.

2/ PRELIMINARY.

3/ DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

TABLE 23.--ROUGHAGE-CONSUMING ANIMAL UNITS OF HOGS FED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1--									
	1959	1960	1961	1962	1963	1964	1965	1966 1/	1967 1/	1968 2/
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	5	5	4	3	3	2	2	2	2	2
NEW HAMPSHIRE...	3	3	3	3	3	3	3	3	3	3
VERMONT.....	3	3	2	2	2	2	2	2	2	2
MASSACHUSETTS...	32	29	28	27	25	23	21	23	22	22
RHODE ISLAND...	2	2	2	2	1	1	1	1	1	1
CONNECTICUT.....	4	4	4	4	3	3	3	3	3	2
NEW YORK.....	16	13	11	11	10	9	9	10	10	11
NEW JERSEY.....	24	21	21	19	19	17	13	15	15	15
PENNSYLVANIA.....	63	61	58	60	53	47	47	56	57	61
DELAWARE.....	2	2	2	3	2	2	2	3	3	3
MARYLAND.....	41	37	39	42	41	39	38	41	39	40
LAKE STATES:										
MICHIGAN.....	106	101	102	108	101	86	79	84	83	81
WISCONSIN.....	282	276	272	278	275	245	233	251	251	254
MINNESOTA.....	355	351	352	360	345	299	277	302	309	310
CORN BELT:										
OHIO.....	517	503	497	509	498	442	413	445	440	439
INDIANA.....	573	570	579	596	577	501	471	494	491	491
ILLINOIS.....	726	729	762	790	774	705	659	707	716	688
IOWA.....	1,542	1,517	1,558	1,610	1,616	1,563	1,509	1,680	1,719	1,728
MISSOURI.....	517	507	519	549	542	484	476	535	568	568
NORTHERN PLAINS:										
NORTH DAKOTA.....	54	47	48	45	46	41	40	45	44	41
SOUTH DAKOTA.....	123	119	129	136	135	123	120	128	139	141
NEBRASKA.....	217	223	240	252	253	236	228	243	265	282
KANSAS.....	103	110	123	129	122	114	117	132	143	154
APPALACHIAN:										
VIRGINIA.....	82	78	77	80	69	59	59	66	66	68
WEST VIRGINIA.....	4	4	3	3	3	3	3	3	3	3
NORTH CAROLINA...	196	175	176	178	172	167	180	226	243	259
KENTUCKY.....	143	144	145	143	137	126	127	142	154	153
TENNESSEE.....	176	166	162	163	147	131	130	154	154	148
SOUTHEAST:										
SOUTH CAROLINA...	82	70	65	65	62	56	59	70	68	73
GEORGIA.....	283	256	249	254	239	215	219	251	265	281
FLORIDA.....	65	60	64	55	56	54	51	51	51	59
ALABAMA.....	145	132	130	123	109	100	104	125	132	138
DELTA STATES:										
MISSISSIPPI.....	96	85	79	77	69	62	65	77	81	82
ARKANSAS.....	68	63	59	56	50	40	41	52	56	56
LOUISIANA.....	52	43	37	34	34	31	32	41	40	36
SOUTHERN PLAINS:										
OKLAHOMA.....	56	52	54	52	40	37	39	49	55	52
TEXAS.....	133	125	126	122	105	87	90	111	122	124
MOUNTAIN:										
MONTANA.....	3	3	3	3	3	3	3	3	3	3
IDAHO.....	18	17	16	16	16	13	13	14	15	15
WYOMING.....	3	2	3	2	3	2	2	2	2	3
COLORADO.....	23	20	21	23	23	20	21	25	27	30
NEW MEXICO.....	4	3	3	3	3	3	3	3	4	4
ARIZONA.....	2	2	2	2	2	2	2	3	4	5
UTAH.....	8	8	8	7	7	6	6	7	8	8
NEVADA.....	---	---	---	---	---	---	---	---	---	---
PACIFIC:										
WASHINGTON.....	13	13	12	12	10	9	9	8	7	8
OREGON.....	21	21	21	19	17	15	14	16	16	15
CALIFORNIA.....	38	34	32	26	23	20	21	23	19	17
48 STATES 3/	7,024	6,809	6,902	7,056	6,845	6,248	6,056	6,727	6,920	6,979

1/ REVISED.
 2/ PRELIMINARY.
 3/ DATA NOT AVAILABLE FOR ALASKA AND HAWAII.



TABLE 24.—ROUGHAGE-CONSUMING ANIMAL UNITS OF HENS AND PULLETS FED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1.—									
	1959	1960	1961	1962	1963	1964	1965	1966 ^{1/}	1967 ^{1/}	1968 ^{2/}
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	---	---	---	1	1	1	1	1	1	1
NEW HAMPSHIRE.....	---	---	---	---	---	---	---	---	---	---
VERMONT.....	---	---	---	---	---	---	---	---	---	---
MASSACHUSETTS.....	---	---	---	---	---	---	---	---	---	---
RHODE ISLAND.....	---	---	---	---	---	---	---	---	---	---
CONNECTICUT.....	---	---	---	---	---	---	---	---	---	---
NEW YORK.....	1	1	1	1	1	1	1	1	1	1
NEW JERSEY.....	1	1	1	1	1	1	1	1	1	---
PENNSYLVANIA.....	2	2	2	2	2	2	2	2	2	2
DELAWARE.....	---	---	---	---	---	---	---	---	---	---
MARYLAND.....	---	---	---	---	---	---	---	---	---	---
MIDWEST STATES:										
MICHIGAN.....	3	3	3	3	3	3	3	3	3	3
WISCONSIN.....	4	4	4	4	3	3	3	3	3	3
MINNESOTA.....	8	7	7	6	6	6	5	5	5	5
GRAN BELT:										
OHIO.....	5	5	5	5	5	6	5	5	5	4
INDIANA.....	16	16	16	17	17	18	17	19	20	21
ILLINOIS.....	7	6	6	6	5	5	5	5	5	5
IOWA.....	10	10	9	8	8	8	7	7	6	6
MISSOURI.....	9	8	9	7	6	6	6	6	6	6
NORTHERN PLAINS:										
NORTH DAKOTA.....	1	1	1	1	1	1	1	1	1	1
SOUTH DAKOTA.....	32	30	31	30	28	28	26	27	25	28
NEBRASKA.....	14	13	13	11	11	10	9	9	9	8
KANSAS.....	3	3	3	2	2	2	2	2	2	2
APPALACHIAN:										
VIRGINIA.....	9	9	9	9	9	9	9	9	9	9
WEST VIRGINIA.....	1	1	1	1	1	1	1	1	1	1
NORTH CAROLINA.....	8	8	9	9	9	10	10	11	11	11
KENTUCKY.....	12	10	10	9	8	8	7	8	8	7
TENNESSEE.....	9	9	8	8	8	8	8	9	10	10
SOUTHEAST:										
SOUTH CAROLINA.....	3	4	4	4	4	4	4	5	5	5
GEORGIA.....	11	12	14	18	21	23	24	29	29	31
FLORIDA.....	10	11	12	13	15	16	19	23	25	29
ALABAMA.....	24	26	34	36	40	44	44	48	51	52
DELTA STATES:										
MISSISSIPPI.....	31	31	34	40	45	51	54	61	60	59
ARKANSAS.....	17	19	28	30	37	44	48	60	65	63
LOUISIANA.....	10	11	11	10	11	12	14	15	14	15
SOUTHERN PLAINS:										
OKLAHOMA.....	7	6	5	5	5	5	5	5	5	5
TEXAS.....	74	70	77	74	75	75	75	86	83	74
MOUNTAIN:										
MONTANA.....	2	2	2	2	2	2	2	2	2	2
IDAHO.....	3	3	3	3	2	2	2	2	2	2
WYOMING.....	---	---	---	---	---	---	---	---	---	---
COLORADO.....	2	2	2	1	1	1	1	1	2	2
NEW MEXICO.....	1	1	1	1	1	1	1	1	1	1
ARIZONA.....	1	1	1	2	2	2	2	2	2	2
UTAH.....	3	3	3	3	3	3	3	3	3	3
NEVADA.....	---	---	---	---	---	---	---	---	---	---
PACIFIC:										
WASHINGTON.....	7	7	7	8	8	8	8	8	9	8
OREGON.....	4	4	4	4	4	4	3	4	4	4
CALIFORNIA.....	23	25	27	29	30	31	35	37	39	39
48 STATES ^{3/}	388	385	417	424	441	465	473	527	535	522

^{1/} REVISED.
^{2/} PRELIMINARY.
^{3/} DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

TABLE 25.--ROUGHAGE-CONSUMING ANIMAL UNITS OF TURKEYS FED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1--									
	1959	1960	1961	1962	1963	1964	1965	1966 ^{1/}	1967 ^{2/}	1968 ^{2/}
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	---	---	---	---	---	---	---	---	---	---
NEW HAMPSHIRE..	---	---	---	---	---	---	---	---	---	---
VERMONT.....	---	---	---	---	---	---	---	---	---	---
MASSACHUSETTS..	---	---	---	---	---	---	---	---	---	---
RHODE ISLAND...	---	---	---	---	---	---	---	---	---	---
CONNECTICUT....	---	---	---	---	---	---	---	---	---	---
NEW YORK.....	---	---	---	---	---	---	---	---	---	---
NEW JERSEY....	---	---	---	---	---	---	---	---	---	---
PENNSYLVANIA...	2	2	2	2	2	2	2	2	2	2
DELAWARE.....	2	2	1	2	2	3	2	2	1	1
MARYLAND.....	---	---	---	---	---	---	---	---	---	---
LAKE STATES:										
MICHIGAN.....	3	3	2	3	3	3	3	2	3	3
WISCONSIN.....	26	39	35	34	33	34	35	32	25	23
MINNESOTA.....	23	29	24	24	24	25	27	28	26	27
CORN BELT:										
OHIO.....	9	11	10	11	12	11	11	12	11	12
INDIANA.....	7	9	7	8	9	9	9	10	7	8
ILLINOIS.....	1	1	1	1	1	1	1	1	1	1
IOWA.....	17	22	17	18	18	18	16	17	13	13
MISSOURI.....	3	3	2	3	4	5	6	7	5	5
NORTHERN PLAINS:										
NORTH DAKOTA...	1	2	2	1	2	2	2	2	1	1
SOUTH DAKOTA...	1	2	1	1	1	2	2	2	2	2
NEBRASKA.....	2	2	2	1	2	2	1	1	2	2
KANSAS.....	1	2	1	1	1	1	1	1	1	1
APPALACHIAN:										
VIRGINIA.....	46	52	40	46	52	55	61	55	40	38
WEST VIRGINIA..	7	7	8	10	15	16	15	13	8	8
NORTH CAROLINA..	9	14	12	14	21	23	31	35	41	44
KENTUCKY.....	2	4	4	3	4	5	3	1	1	1
TENNESSEE.....	1	1	1	---	---	---	---	---	---	---
SOUTHEAST:										
SOUTH CAROLINA..	4	6	4	3	5	5	7	12	10	25
GEORGIA.....	3	4	4	8	10	9	11	12	12	11
FLORIDA.....	1	2	2	1	1	1	1	2	1	1
ALABAMA.....	2	2	2	3	5	5	8	7	5	5
DELTA STATES:										
MISSISSIPPI....	1	1	1	1	1	1	---	---	---	---
ARKANSAS.....	11	16	12	15	20	24	32	42	34	34
LOUISIANA.....	---	---	---	---	---	---	---	---	---	---
SOUTHERN PLAINS:										
OKLAHOMA.....	2	2	2	2	2	2	2	2	1	2
TEXAS.....	6	7	6	6	7	7	9	11	10	10
MOUNTAIN:										
MONTANA.....	---	---	---	---	---	---	---	---	---	---
IDAHO.....	1	1	1	1	1	1	1	1	---	---
WYOMING.....	---	---	---	---	---	---	---	---	---	---
COLORADO.....	1	2	1	2	2	2	2	2	2	2
NEW MEXICO....	---	---	---	---	---	---	---	---	---	---
ARIZONA.....	---	---	---	---	---	---	---	---	---	---
UTAH.....	6	8	7	7	6	6	7	8	6	6
NEVADA.....	---	---	---	---	---	---	---	---	---	---
PACIFIC:										
WASHINGTON....	1	1	1	1	1	1	1	2	1	1
OREGON.....	2	2	2	2	2	2	2	3	3	3
CALIFORNIA....	36	44	45	38	39	39	42	48	36	36
48 STATES ^{3/}	240	305	262	273	308	322	353	375	311	328

^{1/} REVISED.
^{2/} PRELIMINARY
^{3/} DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

TABLE 26.—ROUGHAGE-CONSUMING ANIMAL UNITS OF HORSES AND MULES FED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1—									
	1959	1960	1961	1962	1963	1964	1965	1966 1/	1967 1/	1968 2/
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	8	8	8	8	8	8	8	8	8	8
NEW HAMPSHIRE.....	3	3	3	3	3	3	3	3	3	3
VERMONT.....	9	9	9	9	9	9	9	9	9	9
MASSACHUSETTS.....	5	5	5	5	5	5	5	5	5	5
RHODE ISLAND.....	1	1	1	1	1	1	1	1	1	1
CONNECTICUT.....	3	3	3	3	3	3	3	3	3	3
NEW YORK.....	48	48	48	48	47	47	47	47	47	47
NEW JERSEY.....	8	8	8	8	8	8	8	8	8	8
PENNSYLVANIA.....	49	49	49	49	47	47	47	47	47	47
DELAWARE.....	2	2	2	2	2	2	2	2	2	2
MARYLAND.....	16	16	16	16	16	16	16	16	16	16
LAKE STATES:										
MICHIGAN.....	33	33	33	33	32	32	32	32	32	32
WISCONSIN.....	52	52	52	52	50	50	50	50	50	50
MINNESOTA.....	53	53	53	53	51	51	51	51	51	51
GREAT PLAINS:										
OHIO.....	63	63	63	63	62	62	62	62	62	62
INDIANA.....	47	47	47	47	45	45	45	45	45	45
ILLINOIS.....	67	67	67	67	64	64	64	64	64	64
IOWA.....	78	78	78	78	76	76	76	76	76	76
MISSOURI.....	93	93	93	93	90	90	90	90	90	90
NORTHERN PLAINS:										
NORTH DAKOTA.....	54	54	54	54	52	52	52	52	52	52
SOUTH DAKOTA.....	54	54	54	54	52	52	52	52	52	52
NEBRASKA.....	61	61	61	61	60	60	60	60	60	60
KANSAS.....	73	73	73	73	71	71	71	71	71	71
APPALACHIAN:										
VIRGINIA.....	85	85	85	85	82	82	82	82	82	82
WEST VIRGINIA.....	34	34	34	34	34	34	34	34	34	34
NORTH CAROLINA.....	134	134	134	134	131	131	131	131	131	131
KENTUCKY.....	133	133	133	133	129	129	129	129	129	129
TENNESSEE.....	139	139	139	139	135	135	135	135	135	135
SOUTHEAST:										
SOUTH CAROLINA.....	60	60	60	60	58	58	58	58	58	58
GEORGIA.....	60	60	60	60	58	58	58	58	58	58
FLORIDA.....	23	23	23	23	23	23	23	23	23	23
ALABAMA.....	74	74	74	74	72	72	72	72	72	72
DELTA STATES:										
MISSISSIPPI.....	110	110	110	110	107	107	107	107	107	107
ARKANSAS.....	63	63	63	63	62	62	62	62	62	62
LOUISIANA.....	70	70	70	70	68	68	68	68	68	68
SOUTHERN PLAINS:										
OKLAHOMA.....	79	79	79	79	76	76	76	76	76	76
TEXAS.....	213	213	213	213	206	206	206	206	206	206
MOUNTAIN:										
MONTANA.....	80	80	80	80	78	78	78	78	78	78
IDAHO.....	46	46	46	46	45	45	45	45	45	45
WYOMING.....	46	46	46	46	45	45	45	45	45	45
COLORADO.....	66	66	66	66	65	65	65	65	65	65
NEW MEXICO.....	41	41	41	41	40	40	40	40	40	40
ARIZONA.....	39	39	39	39	39	39	39	39	39	39
UTAH.....	26	26	26	26	25	25	25	25	25	25
NEVADA.....	17	17	17	17	17	17	17	17	17	17
PACIFIC:										
WASHINGTON.....	37	37	37	37	36	36	36	36	36	36
OREGON.....	44	44	44	44	43	43	43	43	43	43
CALIFORNIA.....	82	82	82	82	80	80	80	80	80	80
48 STATES 3/	2,681	2,681	2,681	2,681	2,608	2,608	2,608	2,608	2,608	2,608

1/ REVISED.

2/ PRELIMINARY.

3/ DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

TABLE 27.--TOTAL ROUGHAGE-CONSUMING ANIMAL UNITS FED ANNUALLY, ALL CLASSES, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1--									
	1959	1960	1961	1962	1963	1964	1965	1966 1/	1967 2/	1968 2/
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	184	189	187	181	168	155	144	143	140	139
NEW HAMPSHIRE.....	95	96	96	93	87	84	79	77	75	73
VERMONT.....	434	443	441	429	408	394	363	360	359	357
MASSACHUSETTS.....	174	174	172	165	157	150	141	142	137	135
RHODE ISLAND.....	22	21	20	19	17	16	15	14	14	13
CONNECTICUT.....	147	147	143	137	131	127	123	124	121	116
NEW YORK.....	2,068	2,085	2,096	2,057	1,992	1,951	1,875	1,815	1,807	1,768
NEW JERSEY.....	215	211	209	201	191	177	164	156	148	141
PENNSYLVANIA.....	1,778	1,800	1,808	1,794	1,746	1,705	1,648	1,606	1,610	1,626
DELANARE.....	56	54	52	50	45	42	40	38	35	34
MARYLAND.....	483	486	452	453	426	409	397	397	395	395
LAKE STATES:										
MICHIGAN.....	1,656	1,671	1,701	1,682	1,659	1,617	1,519	1,387	1,315	1,280
WISCONSIN.....	4,395	4,434	4,455	4,478	4,508	4,503	4,245	4,156	4,108	4,046
MINNESOTA.....	3,726	3,785	3,929	3,971	4,047	3,973	3,725	3,615	3,510	3,428
CORN BELT:										
OHIO.....	2,489	2,456	2,429	2,404	2,345	2,231	2,091	2,091	2,078	2,093
INDIANA.....	2,293	2,308	2,300	2,310	2,248	2,150	2,026	2,030	1,950	1,847
ILLINOIS.....	3,591	3,500	3,454	3,489	3,448	3,316	3,187	3,064	3,001	2,896
IOVA.....	6,000	5,803	5,949	6,147	6,210	6,328	6,180	6,212	6,242	6,209
MISSOURI.....	3,867	3,915	4,055	4,060	4,176	4,220	4,062	4,208	4,284	4,262
NORTHERN PLAINS:										
NORTH DAKOTA.....	1,571	1,645	1,659	1,788	1,928	1,974	1,892	1,876	1,749	1,661
SOUTH DAKOTA.....	2,915	2,938	3,027	3,205	3,431	3,497	3,494	3,535	3,514	3,534
NEBRASKA.....	3,903	3,933	4,089	4,310	4,442	4,439	4,458	4,509	4,512	4,386
KANSAS.....	3,540	3,616	3,907	4,054	4,183	3,956	4,374	4,237	4,179	4,092
APPALACHIAN:										
VIRGINIA.....	1,375	1,388	1,389	1,401	1,322	1,321	1,312	1,310	1,310	1,317
WEST VIRGINIA.....	528	520	512	496	486	476	443	414	421	429
NORTH CAROLINA.....	1,067	1,056	1,056	1,060	1,073	1,062	1,095	1,159	1,186	1,217
KENTUCKY.....	1,969	2,001	2,076	2,134	2,210	2,165	2,132	2,220	2,359	2,370
TENNESSEE.....	1,745	1,772	1,814	1,850	1,902	1,951	1,944	1,997	2,019	2,009
SOUTHEAST:										
SOUTH CAROLINA.....	553	545	545	556	559	563	570	591	595	619
GEORGIA.....	1,397	1,408	1,446	1,516	1,586	1,619	1,600	1,640	1,666	1,708
FLORIDA.....	1,173	1,177	1,200	1,259	1,361	1,394	1,392	1,387	1,348	1,355
ALABAMA.....	1,492	1,477	1,500	1,539	1,598	1,653	1,645	1,622	1,654	1,645
DELTA STATES:										
MISSISSIPPI.....	1,836	1,850	1,886	1,916	1,983	2,046	2,047	2,044	2,062	2,025
ARKANSAS.....	1,191	1,201	1,199	1,244	1,315	1,359	1,355	1,422	1,469	1,466
LOUISIANA.....	1,457	1,490	1,504	1,498	1,563	1,586	1,500	1,438	1,409	1,392
SOUTHERN PLAINS:										
OKLAHOMA.....	2,756	2,851	2,947	3,082	3,252	3,436	3,463	3,381	3,513	3,634
TEXAS.....	9,577	9,843	10,016	10,350	10,372	10,202	10,433	10,386	10,311	10,296
MOUNTAIN:										
MONTANA.....	2,142	2,045	1,990	2,138	2,349	2,432	2,462	2,472	2,542	2,524
IDAHO.....	1,448	1,419	1,439	1,476	1,539	1,520	1,483	1,416	1,466	1,468
WYOMING.....	1,394	1,314	1,318	1,379	1,462	1,484	1,487	1,462	1,503	1,455
COLORADO.....	1,901	1,899	1,981	2,035	2,033	1,981	2,163	2,245	2,246	2,229
NEW MEXICO.....	1,148	1,151	1,189	1,180	1,207	1,142	1,160	1,161	1,136	1,118
ARIZONA.....	795	801	799	829	835	857	814	845	840	843
UTAH.....	826	798	794	794	791	799	795	800	803	816
NEVADA.....	480	457	452	458	477	493	479	467	472	483
PACIFIC:										
WASHINGTON.....	1,077	1,114	1,155	1,189	1,210	1,217	1,156	1,162	1,146	1,064
OREGON.....	1,371	1,378	1,360	1,389	1,464	1,485	1,444	1,411	1,406	1,388
CALIFORNIA.....	3,781	3,817	3,792	3,907	4,012	4,003	4,111	4,156	4,184	4,167
48 STATES 3/	90,081	90,482	91,989	94,152	95,954	95,700	94,727	94,400	94,349	93,573

1/ REVISED.
 2/ PRELIMINARY.
 3/ DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

TABLE 28.—ROUGHAGE-CONSUMING ANIMAL UNITS: NUMBER AND PERCENTAGE FED ANNUALLY, BY REGIONS, 1959-68

YEAR BEGINNING OCT. 1	NORTH- EAST	LAKE STATES	CORN BELT	NORTHERN PLAINS	APPA- LACHIAN	SOUTH- EAST	DELTA STATES	SOUTHERN PLAINS	MOUNTAIN	PACIFIC	TOTAL
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
1959.....	5,656	9,777	18,240	11,929	6,684	4,615	4,484	12,333	10,134	6,229	90,081
1960.....	5,706	9,890	17,982	12,132	6,737	4,607	4,541	12,694	9,884	6,309	90,482
1961.....	5,676	10,085	18,187	12,682	6,847	4,691	4,589	12,963	9,962	6,307	91,989
1962.....	5,579	10,131	18,410	13,357	6,941	4,870	4,658	13,432	10,289	6,485	94,152
1963.....	5,368	10,214	18,427	13,984	6,993	5,104	4,861	13,624	10,693	6,686	95,954
1964.....	5,210	10,093	18,245	13,906	6,975	5,229	4,991	13,638	10,708	6,705	95,700
1965.....	4,989	9,489	17,546	14,218	6,926	5,207	4,902	13,896	10,843	6,711	94,727
1966.....	4,872	9,158	17,605	14,157	7,100	5,240	4,904	13,767	10,868	6,729	94,400
1967.....	4,841	8,933	17,555	13,954	7,295	5,263	4,940	13,824	11,008	6,736	94,349
1968.....	4,797	8,754	17,307	13,673	7,342	5,327	4,883	13,930	10,941	6,619	93,573
PERCENTAGE OF TOTAL											
1959.....	6.3	10.8	20.4	13.2	7.4	5.1	5.0	13.7	11.2	6.9	100.0
1960.....	6.3	10.9	20.0	13.4	7.4	5.1	5.0	14.0	10.9	7.0	100.0
1961.....	6.2	11.0	19.8	13.8	7.4	5.1	5.0	14.1	10.8	6.8	100.0
1962.....	5.9	10.8	19.5	14.2	7.4	5.2	4.9	14.3	10.9	6.9	100.0
1963.....	5.6	10.6	19.2	14.6	7.3	5.3	5.1	14.2	11.1	7.0	100.0
1964.....	5.4	10.5	19.2	14.5	7.3	5.5	5.2	14.2	11.2	7.0	100.0
1965.....	5.3	10.0	18.5	15.0	7.3	5.5	5.2	14.7	11.4	7.1	100.0
1966.....	5.2	9.7	18.6	15.0	7.5	5.6	5.2	14.6	11.5	7.1	100.0
1967.....	5.1	9.5	18.7	14.8	7.7	5.6	5.2	14.6	11.7	7.1	100.0
1968.....	5.1	9.4	18.5	14.6	7.8	5.7	5.2	14.9	11.7	7.1	100.0

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SOURCE: BUREAU OF AGRICULTURE, WASHINGTON, D.C.

TABLE 29.--GRAIN-AND-ROUGHAGE-CONSUMING ANIMAL UNITS OF MILK COWS FED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1--									
	1959	1960	1961	1962	1963	1964	1965	1966 ^{1/}	1967 ^{1/}	1968 ^{2/}
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	108	109	109	106	99	93	86	83	81	79
NEW HAMPSHIRE...	60	61	61	59	55	52	49	47	45	44
VERMONT.....	296	299	299	293	281	276	254	249	245	241
MASSACHUSETTS...	108	111	107	104	100	96	90	88	84	81
RHODE ISLAND...	17	16	15	14	13	13	12	11	9	8
CONNECTICUT.....	106	105	100	96	93	91	87	86	83	80
NEW YORK.....	1,469	1,498	1,498	1,483	1,439	1,410	1,354	1,286	1,260	1,217
NEW JERSEY.....	158	157	154	149	140	129	121	110	102	93
PENNSYLVANIA...	1,028	1,038	1,038	1,028	1,007	976	928	891	865	857
DELAWARE.....	30	29	28	26	23	21	20	18	17	16
MARYLAND.....	238	240	231	229	217	207	205	197	193	191
LAKE STATES:										
MICHIGAN.....	764	749	757	742	719	698	656	596	561	533
WISCONSIN.....	2,581	2,581	2,581	2,581	2,555	2,555	2,428	2,343	2,307	2,250
MINNESOTA.....	1,499	1,514	1,529	1,514	1,514	1,484	1,380	1,310	1,258	1,221
CORN BELT:										
OHIO.....	798	790	774	736	699	657	611	581	552	525
INDIANA.....	495	480	466	447	430	400	367	331	298	284
ILLINOIS.....	669	656	630	592	551	506	466	429	390	375
IOWA.....	956	947	938	901	873	839	755	702	653	614
MISSOURI.....	694	673	666	606	552	508	461	434	412	395
NORTHERN PLAINS:										
NORTH DAKOTA...	301	292	292	283	272	258	228	203	180	166
SOUTH DAKOTA...	267	260	257	244	244	244	225	223	214	204
NEBRASKA.....	349	343	333	310	288	275	264	240	230	214
KANSAS.....	371	355	337	311	286	266	250	238	228	214
APPALACHIAN:										
VIRGINIA.....	347	337	324	307	295	274	263	247	240	230
WEST VIRGINIA...	129	122	116	104	96	86	78	71	67	63
NORTH CAROLINA..	274	266	255	243	233	221	215	202	196	190
KENTUCKY.....	486	481	476	471	448	421	396	373	365	347
TENNESSEE.....	451	428	420	403	383	371	356	335	318	299
SOUTHEAST:										
SOUTH CAROLINA..	105	99	95	90	85	80	74	71	70	65
GEORGIA.....	205	197	187	175	167	157	145	139	133	130
FLORIDA.....	202	202	184	179	175	175	180	180	180	180
ALABAMA.....	221	210	202	189	172	164	152	145	136	128
DELTA STATES:										
MISSISSIPPI.....	335	318	296	276	250	235	224	205	193	183
ARKANSAS.....	201	197	192	175	143	127	111	104	95	91
LOUISIANA.....	220	213	209	203	195	187	178	170	163	157
SOUTHERN PLAINS:										
OKLAHOMA.....	258	246	236	217	200	182	170	155	153	148
TEXAS.....	566	532	526	516	470	427	384	365	347	326
MOUNTAIN:										
MONTANA.....	83	77	72	66	63	61	57	53	49	46
IDAHO.....	243	237	235	228	214	203	189	182	180	182
WYOMING.....	34	31	28	26	26	25	23	21	20	19
COLORADO.....	144	137	131	128	123	118	111	111	113	114
NEW MEXICO.....	42	41	39	37	38	38	38	37	36	36
ARIZONA.....	57	58	58	58	61	61	61	61	59	59
UTAH.....	108	103	100	96	92	89	85	83	81	82
NEVADA.....	17	18	17	17	16	16	15	15	15	15
PACIFIC:										
WASHINGTON.....	267	262	254	244	234	229	224	222	215	205
OREGON.....	174	170	163	157	144	137	128	125	119	115
CALIFORNIA.....	994	994	975	957	959	949	939	939	948	938
48 STATES ^{3/}	19,525	19,279	18,990	18,434	17,732	17,087	16,092	15,307	14,758	14,250

1/ REVISED.
 2/ PRELIMINARY.
 3/ DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

TABLE 30.—GRAIN-AND-ROUGHAGE-CONSUMING ANIMAL UNITS OF OTHER DAIRY CATTLE FED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1--									
	1959	1960	1961	1962	1963	1964	1965	1966 ^{1/}	1967 ^{1/}	1968 ^{2/}
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	38	40	40	37	34	30	28	29	29	29
NEW HAMPSHIRE...	19	20	20	19	18	17	16	15	15	14
VERMONT.....	74	79	80	76	70	63	57	58	60	63
MASSACHUSETTS...	24	26	26	25	23	21	18	19	20	20
RHODE ISLAND.....	2	2	2	2	2	2	2	2	2	2
CONNECTICUT.....	25	26	26	25	23	21	21	22	22	21
NEW YORK.....	378	380	388	375	356	345	330	331	339	338
NEW JERSEY.....	28	27	27	26	24	21	19	20	19	18
PENNSYLVANIA.....	319	328	328	316	300	286	271	270	281	289
DELAWARE.....	9	9	8	7	6	5	5	5	4	3
MARYLAND.....	70	70	67	62	54	50	50	49	50	49
LAKE STATES:										
MICHIGAN.....	269	270	265	257	248	230	210	197	187	182
WISCONSIN.....	810	830	838	832	811	790	733	705	699	685
MINNESOTA.....	524	532	527	519	514	494	462	424	400	409
CORN BELT:										
OHIO.....	240	236	229	214	195	182	167	162	160	155
INDIANA.....	162	152	146	140	127	115	100	102	96	89
ILLINOIS.....	252	248	237	210	181	162	151	140	133	124
IDAHO.....	316	300	289	281	277	261	239	224	223	217
MISSOURI.....	238	221	202	180	159	142	125	132	142	143
NORTHERN PLAINS:										
NORTH DAKOTA.....	85	85	82	78	73	66	58	51	47	44
SOUTH DAKOTA.....	84	86	84	83	81	74	68	66	62	60
NEBRASKA.....	115	105	97	88	81	77	72	67	62	57
KANSAS.....	130	120	113	103	93	81	72	70	65	62
APPALACHIAN:										
VIRGINIA.....	124	121	115	108	100	94	89	86	87	85
WEST VIRGINIA.....	39	38	35	31	27	24	21	16	16	15
NORTH CAROLINA.....	112	106	100	96	89	80	75	71	69	70
KENTUCKY.....	174	174	166	156	145	136	130	122	122	122
TENNESSEE.....	153	141	133	123	113	109	105	102	102	104
SOUTHEAST:										
SOUTH CAROLINA..	40	39	37	34	30	26	24	22	21	19
GEORGIA.....	80	77	74	69	65	60	55	53	53	50
FLORIDA.....	77	52	40	35	27	29	31	32	32	31
ALABAMA.....	99	95	90	84	76	72	63	59	54	51
DELTA STATES:										
MISSISSIPPI.....	149	146	137	123	110	104	102	91	86	83
ARKANSAS.....	76	75	70	57	48	43	38	35	33	31
LOUISIANA.....	87	85	79	78	77	74	68	66	64	60
SOUTHERN PLAINS:										
OKLAHOMA.....	105	101	94	85	74	69	66	60	65	60
TEXAS.....	217	212	197	175	154	135	127	118	116	112
MOUNTAIN:										
MONTANA.....	28	26	23	21	20	20	18	17	16	15
IDAHO.....	103	101	97	92	89	86	79	76	73	73
WYOMING.....	11	10	9	8	8	7	6	6	5	5
COLORADO.....	56	51	47	46	43	41	39	41	43	44
NEW MEXICO.....	14	14	14	14	13	13	13	13	13	11
ARIZONA.....	18	19	18	16	16	16	15	15	15	16
UTAH.....	40	37	36	34	32	32	32	31	30	31
NEVADA.....	9	8	8	7	7	7	7	7	7	7
PACIFIC:										
WASHINGTON.....	96	95	88	83	80	76	72	71	69	65
OREGON.....	71	68	66	63	59	56	55	55	53	51
CALIFORNIA.....	328	319	316	307	303	297	299	300	294	293
48 STATES ^{3/}	6,519	6,402	6,210	5,900	5,555	5,241	4,903	4,725	4,655	4,577

1/ REVISED.

2/ PRELIMINARY.

3/ DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

TABLE 31.—GRAIN-AND-ROUGHAGE-CONSUMING ANIMAL UNITS OF CATTLE ON FEED FED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1—									
	1959	1960	1961	1962	1963	1964	1965	1966 1/	1967 1/	1968 2/
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	---	---	---	---	---	---	---	---	---	---
NEW HAMPSHIRE..	---	---	---	---	---	---	---	---	---	---
VERMONT.....	---	---	---	---	---	---	---	---	---	---
MASSACHUSETTS..	---	---	---	---	---	---	---	---	---	---
RHODE ISLAND...:	---	---	---	---	---	---	---	---	---	---
CONNECTICUT....	---	---	---	---	---	---	---	---	---	---
NEW YORK.....	---	---	4	4	4	4	4	5	6	6
NEW JERSEY....:	---	---	---	---	---	---	---	---	---	---
PENNSYLVANIA...:	39	42	42	38	38	38	40	39	40	40
DELAWARE.....:	---	---	---	---	---	---	---	---	---	---
MARYLAND.....:	---	---	---	---	---	---	---	---	---	---
LAKE STATES:										
MICHIGAN.....:	63	61	68	77	82	84	82	88	89	95
WISCONSIN.....:	57	57	57	63	65	65	66	71	68	73
MINNESOTA.....:	198	227	209	236	232	241	255	265	278	264
CORN BELT:										
OHIO.....	99	112	118	142	149	146	156	162	162	154
INDIANA.....:	200	104	110	125	143	129	152	148	159	166
ILLINOIS.....:	327	347	371	408	388	376	384	376	343	374
IOWA.....	719	733	748	830	855	881	845	964	916	1,053
MISSOURI.....:	139	151	142	156	150	166	207	189	203	210
NORTHERN PLAINS:										
NORTH DAKOTA...:	57	66	47	55	61	65	56	48	38	34
SOUTH DAKOTA...:	117	140	155	158	156	153	166	185	193	193
NEBRASKA.....:	316	333	402	427	486	489	584	622	644	680
KANSAS.....:	131	160	182	211	213	214	228	279	290	364
APPALACHIAN:										
VIRGINIA.....:	11	9	10	12	10	11	14	12	16	16
WEST VIRGINIA...:	---	---	---	---	---	---	---	---	---	---
NORTH CAROLINA...:	12	12	14	16	18	17	18	17	18	18
KENTUCKY.....:	24	21	23	25	28	31	33	28	27	27
TENNESSEE.....:	20	18	22	23	20	16	18	19	14	14
SOUTHEAST:										
SOUTH CAROLINA...:	8	9	8	7	9	8	9	8	8	8
GEORGIA.....:	26	28	42	29	38	40	37	24	35	34
FLORIDA.....:	22	29	35	41	29	38	35	36	29	28
ALABAMA.....:	17	18	19	19	13	21	18	20	20	20
DELTA STATES:										
MISSISSIPPI....:	12	12	11	10	11	11	11	12	10	9
ARKANSAS.....:	11	10	10	10	10	9	9	8	8	8
LOUISIANA.....:	9	5	5	5	4	4	4	6	5	6
SOUTHERN PLAINS:										
OKLAHOMA.....:	33	35	41	41	57	55	61	81	86	97
TEXAS.....	118	121	153	214	227	232	256	320	385	511
MOUNTAIN:										
MONTANA.....:	33	36	33	34	40	43	47	46	49	57
IDAHO.....	65	68	57	71	69	73	82	95	94	118
WYOMING.....:	26	26	22	22	19	19	19	17	22	17
COLORADO.....:	192	197	189	250	242	254	284	290	299	338
NEW MEXICO.....:	26	25	30	41	44	47	53	66	88	99
ARIZONA.....:	126	139	147	179	154	165	173	177	183	210
UTAH.....	29	34	36	38	36	31	38	29	31	29
NEVADA.....:	15	14	11	8	11	12	13	17	14	18
PACIFIC:										
WASHINGTON.....:	55	50	56	62	60	66	63	63	72	76
OREGON.....	31	33	34	37	40	44	46	43	43	43
CALIFORNIA.....:	317	341	372	476	450	436	453	468	429	461
48 STATES 3/	3,600	3,823	4,035	4,600	4,667	4,734	5,019	5,343	5,414	5,968

1/ REVISED.

2/ PRELIMINARY.

3/ DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

TABLE 32.—GRAIN-AND-ROUGHAGE-CONSUMING ANIMAL UNITS OF OTHER BEEF CATTLE FED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1—									
	1959	1960	1961	1962	1963	1964	1965	1966 1/	1967 1/	1968 2/
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	13	15	14	14	13	13	12	12	12	12
NEW HAMPSHIRE...	4	4	4	3	3	3	3	3	3	3
VERMONT.....	9	9	8	8	8	8	8	8	8	8
MASSACHUSETTS...	5	5	5	5	5	6	6	6	6	6
RHODE ISLAND.....	---	---	---	---	---	1	1	1	1	1
CONNECTICUT.....	5	5	5	5	5	6	6	6	6	6
NEW YORK.....	77	72	73	69	72	74	72	73	78	80
NEW JERSEY.....	7	7	8	8	9	9	9	9	10	12
PENNSYLVANIA.....	173	177	188	197	201	208	213	205	217	224
DELAWARE.....	6	5	6	6	5	5	5	5	5	6
MARYLAND.....	78	82	64	69	65	65	59	64	67	68
LAKE STATES:										
MICHIGAN.....	216	242	263	266	280	294	279	243	228	231
WISCONSIN.....	214	218	234	255	330	371	340	355	358	371
MINNESOTA.....	677	693	795	847	924	946	892	879	868	830
CORN BELT:										
OHIO.....	462	467	474	493	507	507	474	475	492	530
INDIANA.....	579	611	618	637	637	656	627	637	615	540
ILL. INDIANAS.....	1,167	1,114	1,089	1,152	1,199	1,209	1,190	1,108	1,096	1,060
IOWA.....	1,929	1,827	1,926	2,071	2,134	2,288	2,310	2,259	2,299	2,286
MISSOURI.....	1,346	1,421	1,536	1,594	1,739	1,854	1,799	1,875	1,913	1,913
NORTHERN PLAINS:										
NORTH DAKOTA....	623	683	706	814	938	996	976	993	936	896
SOUTH DAKOTA....	1,357	1,369	1,443	1,576	1,754	1,828	1,852	1,877	1,877	1,906
NEBRASKA.....	2,018	2,045	2,138	2,307	2,403	2,427	2,427	2,464	2,458	2,364
KANSAS.....	1,856	1,910	2,117	2,239	2,368	2,274	2,547	2,441	2,408	2,337
APPALACHIAN:										
VIRGINIA.....	411	429	455	475	446	469	469	483	496	511
WEST VIRGINIA...	171	173	177	179	182	185	175	166	180	190
NORTH CAROLINA..	205	220	234	247	272	282	299	321	330	343
KENTUCKY.....	604	643	717	784	878	886	891	969	1,067	1,093
TENNESSEE.....	540	596	644	693	771	831	841	879	908	918
SOUTHEAST:										
SOUTH CAROLINA..	174	179	190	206	216	230	238	244	252	260
GEORGIA.....	522	557	597	655	723	777	772	782	793	818
FLORIDA.....	649	661	682	730	804	825	822	815	789	786
ALABAMA.....	621	631	656	705	777	832	840	816	846	844
DELTA STATES:										
MISSISSIPPI....	739	774	831	880	966	1,031	1,041	1,048	1,075	1,059
ARKANSAS.....	515	527	533	592	672	720	726	759	801	806
LOUISIANA.....	892	731	757	763	818	846	796	752	741	738
SOUTHERN PLAINS:										
OKLAHOMA.....	1,488	1,568	1,646	1,761	1,903	2,049	2,075	2,021	2,102	2,190
TEXAS.....	4,104	4,269	4,396	4,657	4,742	4,724	4,892	4,950	5,003	5,168
MOUNTAIN:										
MONTANA.....	1,067	1,022	1,020	1,124	1,276	1,343	1,385	1,404	1,464	1,458
IDAHO.....	460	455	485	523	590	594	587	554	591	590
WYOMING.....	557	522	535	578	637	665	681	678	717	692
COLORADO.....	853	863	937	975	1,002	985	1,109	1,167	1,177	1,163
NEW MEXICO.....	542	563	589	586	608	578	591	590	575	564
ARIZONA.....	351	349	346	351	362	370	343	367	364	357
UTAH.....	253	242	246	251	267	286	280	289	296	309
NEVADA.....	253	243	241	251	265	279	269	260	267	275
PACIFIC:										
WASHINGTON.....	328	361	403	439	469	484	455	464	460	415
OREGON.....	553	563	566	599	669	696	683	669	675	670
CALIFORNIA.....	1,056	1,082	1,076	1,139	1,240	1,261	1,325	1,338	1,391	1,390
48 STATES 3/	30,549	31,204	32,673	34,778	37,154	38,276	38,694	38,783	39,321	39,319

1/ REVISED.

2/ PRELIMINARY.

3/ DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

TABLE 33.—GRAIN-AND-ROUGHAGE-CONSUMING ANIMAL UNITS OF SHEEP AND GOATS FED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1—									
	1959	1960	1961	1962	1963	1964	1965	1966 1/	1967 1/	1968 2/
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	5	5	5	5	4	3	3	2	2	2
NEW HAMPSHIRE..	1	1	1	1	1	1	1	1	1	1
VERMONT.....	1	1	1	1	1	1	1	1	1	1
MASSACHUSETTS..	1	1	1	1	1	1	1	1	1	1
RHODE ISLAND....	---	---	---	---	---	---	---	---	---	---
CONNECTICUT....	1	1	1	1	1	---	---	---	---	---
NEW YORK.....	20	18	17	16	16	15	13	13	13	12
NEW JERSEY.....	2	2	2	2	2	1	1	1	1	1
PENNSYLVANIA....	34	32	31	27	25	25	25	24	23	23
DELAWARE.....	1	---	---	---	---	---	---	---	---	---
MARYLAND.....	5	4	4	3	3	3	2	2	2	2
LAKE STATES:										
MICHIGAN.....	45	42	41	36	34	34	33	29	27	26
WISCONSIN.....	29	28	27	24	24	23	22	22	21	20
MINNESOTA.....	109	116	110	96	85	79	76	72	63	62
CORN BELT:										
OHIO.....	130	117	111	102	93	92	90	89	89	86
INDIANA.....	61	60	58	49	42	43	40	38	36	34
ILL.INDIS.....	79	79	76	66	60	53	51	50	45	44
IOWA.....	166	164	154	134	128	129	117	107	99	99
MISSOURI.....	99	91	82	65	59	54	51	47	42	38
NORTHERN PLAINS:										
NORTH DAKOTA....	82	85	79	75	67	60	56	54	46	43
SOUTH DAKOTA....	210	218	201	199	184	172	168	164	153	148
NEBRASKA.....	61	59	55	49	46	45	45	43	37	34
KANSAS.....	73	78	79	73	65	56	58	54	47	41
APPALACHIAN:										
VIRGINIA.....	44	42	39	36	32	31	30	29	29	26
WEST VIRGINIA..	38	37	34	32	29	28	26	24	23	22
NORTH CAROLINA..	7	7	6	5	4	3	3	3	3	3
KENTUCKY.....	77	64	51	40	32	25	23	21	18	15
TENNESSEE.....	33	28	24	21	15	13	11	10	8	7
SOUTHEAST:										
SOUTH CAROLINA..	1	1	1	1	1	1	1	---	---	---
GEORGIA.....	3	3	2	2	1	1	1	1	1	1
FLORIDA.....	1	1	1	1	1	1	1	1	1	1
ALABAMA.....	5	4	3	2	2	2	1	1	1	1
DELTA STATES:										
MISSISSIPPI....	10	8	6	6	4	4	3	3	3	3
ARKANSAS.....	6	6	5	3	3	2	2	1	1	1
LOUISIANA.....	12	13	10	9	7	6	5	4	4	3
SOUTHERN PLAINS:										
OKLAHOMA.....	31	31	25	23	20	17	17	16	16	15
TEXAS.....	1,336	1,380	1,371	1,349	1,335	1,290	1,305	1,213	1,111	950
MOUNTAIN:										
MONTANA.....	241	227	200	203	199	192	175	168	160	155
IDAHO.....	146	139	130	124	113	109	105	100	100	96
WYOMING.....	306	291	285	285	282	271	261	248	239	231
COLORADO.....	207	205	195	189	166	154	155	147	130	127
NEW MEXICO.....	160	163	163	157	152	135	132	130	121	115
ARIZONA.....	69	69	69	73	74	78	74	68	66	66
UTAH.....	171	164	161	161	148	141	142	143	140	136
NEVADA.....	45	40	41	37	35	32	33	31	30	28
PACIFIC:										
WASHINGTON.....	40	39	37	33	30	26	21	20	18	17
OREGON.....	120	118	109	101	94	88	81	73	70	68
CALIFORNIA.....	240	229	221	203	198	193	192	195	188	170
48 STATES 2/	4,564	4,511	4,325	4,123	3,918	3,733	3,654	3,464	3,230	2,975

1/ REVISED.

2/ PRELIMINARY.

3/ DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

TABLE 34.--GRAIN-AND-ROUGHAGE-CONSUMING ANIMAL UNITS OF HOGS FED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 3--									
	1959	1960	1961	1962	1963	1964	1965	1966 1/	1967 1/	1968 2/
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	6	6	5	4	4	3	3	3	3	3
NEW HAMPSHIRE...	3	3	3	3	3	3	3	3	3	3
VERMONT.....	3	3	3	3	3	2	2	2	2	2
MASSACHUSETTS...	28	26	25	24	22	20	19	21	19	19
RHODE ISLAND.....	2	2	2	2	2	1	1	1	2	1
CONNECTICUT.....	5	4	4	4	4	3	3	3	3	3
NEW YORK.....	43	36	31	30	27	25	24	28	28	30
NEW JERSEY.....	29	25	25	22	22	20	16	17	18	18
PENNSYLVANIA.....	162	155	149	155	137	120	121	144	145	157
DELAWARE.....	9	9	10	10	10	10	9	10	11	11
MARYLAND.....	53	48	51	54	52	50	49	53	50	52
LAKE STATES:										
MICHIGAN.....	254	242	245	259	243	207	190	201	200	194
WISCONSIN.....	732	716	707	721	713	635	605	652	651	659
MINNESOTA.....	1,236	1,223	1,224	1,254	1,201	1,041	964	1,052	1,074	1,077
CORN BELT:										
OHIO.....	881	857	848	867	848	753	704	758	750	748
INDIANA.....	1,493	1,485	1,508	1,553	1,503	1,306	1,227	1,287	1,279	1,279
ILLINOIS.....	2,274	2,283	2,386	2,473	2,425	2,209	2,063	2,213	2,242	2,155
IOWA.....	3,771	3,709	3,811	3,938	3,952	3,821	3,689	4,109	4,203	4,224
MISSOURI.....	1,268	1,244	1,273	1,345	1,329	1,187	1,167	1,312	1,393	1,393
NORTHERN PLAINS:										
NORTH DAKOTA....	133	117	119	112	113	101	99	112	109	100
SOUTH DAKOTA....	510	493	537	563	558	511	497	531	578	586
NEBRASKA.....	791	811	875	918	921	861	831	886	967	1,027
KANSAS.....	349	371	416	437	413	387	396	449	483	521
APPALACHIAN:										
VIRGINIA.....	192	182	180	186	161	138	138	154	153	159
WEST VIRGINIA..	30	26	25	25	23	20	19	21	22	21
NORTH CAROLINA..	415	371	372	376	363	352	380	479	513	547
KENTUCKY.....	424	426	430	423	404	372	375	418	453	451
TENNESSEE.....	409	384	375	379	341	304	302	357	356	342
SOUTHEAST:										
SOUTH CAROLINA..	151	130	120	121	114	104	109	128	125	134
GEORGIA.....	487	440	428	437	411	370	376	431	455	482
FLORIDA.....	106	98	104	90	91	88	84	83	84	96
ALABAMA.....	310	280	278	262	233	213	222	266	282	294
DELTA STATES:										
MISSISSIPPI.....	166	146	137	132	119	106	112	133	140	142
ARKANSAS.....	130	120	114	106	96	77	78	98	108	107
LOUISIANA.....	73	60	52	48	49	44	45	58	57	51
SOUTHERN PLAINS:										
OKLAHOMA.....	137	128	132	126	99	91	95	118	134	127
TEXAS.....	299	283	285	275	237	197	204	250	277	280
MOUNTAIN:										
MONTANA.....	43	48	48	51	53	46	44	55	52	53
IDAHO.....	43	41	38	38	39	33	33	35	37	38
WYOMING.....	10	8	8	7	8	7	7	7	7	8
COLORADO.....	61	54	57	63	63	54	56	66	72	81
NEW MEXICO.....	14	14	13	13	12	11	11	12	14	16
ARIZONA.....	7	7	7	7	8	8	8	11	16	18
UTAH.....	18	16	17	15	14	13	13	16	17	17
NEVADA.....	2	2	2	2	2	2	2	2	2	2
PACIFIC:										
WASHINGTON.....	42	42	39	39	33	30	30	28	24	25
OREGON.....	53	52	51	48	42	36	35	40	39	37
CALIFORNIA.....	88	79	74	60	53	46	48	53	44	39
48 STATES 2/	17,745	17,305	17,643	18,080	17,573	16,038	15,508	17,166	17,696	17,829

1/ REVISED.

2/ PRELIMINARY.

3/ DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

TABLE 95.—GRAIN-AND-RDUGHAGE-CONSUMING ANIMAL UNITS OF HENS AND PULLETS FED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1--									
	1959	1960	1961	1962	1963	1964	1965	1966 ^{1/}	1967 ^{1/}	1968 ^{2/}
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	60	62	66	70	72	75	80	89	91	96
NEW HAMPSHIRE..	27	28	28	27	27	26	29	30	28	28
VERMONT.....	11	11	11	10	10	10	9	9	8	10
MASSACHUSETTS..	48	47	44	43	44	42	40	42	39	39
RHODE ISLAND....	6	6	6	6	6	6	6	6	6	6
CONNECTICUT....	49	50	54	58	63	63	64	67	66	68
NEW YORK.....	140	137	140	148	161	172	177	189	188	183
NEW JERSEY.....	167	152	142	135	123	107	97	95	78	68
PENNSYLVANIA...:	275	269	261	254	244	255	249	254	236	238
DELAWARE.....	10	11	11	11	11	11	10	11	11	11
MARYLAND.....	29	26	27	27	28	29	25	24	26	26
LAKE STATES:										
MICHIGAN.....	112	104	105	101	108	114	110	119	112	109
WISCONSIN.....	145	142	135	127	116	111	101	105	99	90
MINNESOTA.....	270	257	243	221	204	194	172	176	170	156
CORN BELT:										
OHIO.....	179	176	177	178	183	192	175	183	178	153
INDIANA.....	187	186	188	194	189	202	194	213	230	239
ILLINOIS.....	181	167	162	152	144	139	134	143	141	141
IOWA.....	350	339	325	285	273	271	250	245	223	202
MISSOURI.....	152	141	146	127	109	104	99	107	107	105
NORTHERN PLAINS:										
NORTH DAKOTA...	38	35	36	31	28	25	23	23	21	18
SOUTH DAKOTA...	117	111	115	110	103	102	97	102	94	75
NEBRASKA.....	139	132	124	109	107	101	90	92	88	76
KANSAS.....	105	95	90	79	74	73	70	72	69	66
APPALACHIAN:										
VIRGINIA.....	90	87	88	89	89	86	87	91	88	84
WEST VIRGINIA..	31	28	27	26	25	25	24	24	24	23
NORTH CAROLINA..	174	182	194	202	212	229	224	243	241	249
KENTUCKY.....	88	75	69	64	58	55	54	55	55	53
TENNESSEE.....	92	83	83	79	78	81	81	93	95	96
SOUTHEAST:										
SOUTH CAROLINA..	64	69	73	75	78	77	81	96	91	93
GEORGIA.....	171	189	219	267	319	357	368	440	443	473
FLORIDA.....	74	81	88	98	116	122	146	176	189	224
ALABAMA.....	109	117	153	167	182	200	200	220	234	238
DELTA STATES:										
MISSISSIPPI....	105	106	118	136	153	175	186	208	205	202
ARKANSAS.....	79	88	129	138	168	201	220	272	296	286
LOUISIANA.....	48	49	50	47	49	54	62	69	66	70
SOUTHERN PLAINS:										
OKLAHOMA.....	58	47	47	44	44	44	41	42	40	41
TEXAS.....	224	212	234	225	229	228	229	261	253	226
MOUNTAIN:										
MONTANA.....	16	15	15	15	14	14	14	15	16	17
IDAHO.....	19	19	18	19	17	16	15	16	15	14
WYOMING.....	5	4	4	4	4	3	3	3	3	3
COLORADO.....	23	20	21	20	18	18	18	20	25	25
NEW MEXICO.....	11	12	12	12	12	11	11	12	12	12
ARIZONA.....	13	13	14	15	18	17	18	20	20	19
UTAH.....	23	21	20	19	19	18	19	22	22	22
NEVADA.....	1	1	1	1	1	1	1	1	---	---
PACIFIC:										
WASHINGTON.....	73	77	78	81	83	88	81	87	90	85
OREGON.....	44	44	42	42	41	41	39	40	41	42
CALIFORNIA.....	387	429	470	492	509	539	601	640	675	661
48 STATES ^{3/}	4,819	4,752	4,903	4,880	4,963	5,124	5,124	5,562	5,548	5,461

^{1/} REVISED.
^{2/} PRELIMINARY.
^{3/} DATA NOT AVAILABLE FOR ALASKA AND HAWAII.



TABLE 36.—GRAIN-AND-ROUGHAGE-CONSUMING ANIMAL UNITS OF REPLACEMENT CHICKENS RAISED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1—									
	1959	1960	1961	1962	1963	1964	1965	1966 ^{1/}	1967 ^{1/}	1968 ^{2/}
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	21	19	19	18	17	19	20	21	21	22
NEW HAMPSHIRE.....	9	8	8	8	7	7	7	7	7	7
VERMONT.....	3	3	3	2	2	2	2	2	2	2
MASSACHUSETTS.....	14	11	11	10	9	9	9	9	8	9
RHODE ISLAND.....	1	1	1	1	1	1	1	1	1	1
CONNECTICUT.....	15	13	14	14	13	13	13	13	13	14
NEW YORK.....	26	27	28	30	32	31	36	34	32	34
NEW JERSEY.....	25	24	25	21	18	15	18	13	10	11
PENNSYLVANIA.....	58	58	56	53	50	48	51	47	44	46
DELAWARE.....	4	4	3	3	3	2	3	2	2	2
MARYLAND.....	7	7	7	7	6	5	6	5	6	6
LAKE STATES:										
MICHIGAN.....	21	23	20	21	22	20	22	19	19	21
WISCONSIN.....	26	27	21	21	21	18	19	17	16	17
MINNESOTA.....	62	61	50	46	44	36	43	38	31	34
CORN BELT:										
OHIO.....	35	39	37	40	41	35	38	34	28	30
INDIANA.....	46	49	45	43	45	41	46	49	47	50
ILLINOIS.....	38	38	32	30	29	27	30	30	29	31
IDAHO.....	92	89	72	69	63	56	54	46	32	34
MISSOURI.....	39	42	32	29	28	25	30	30	28	29
NORTHERN PLAINS:										
NORTH DAKOTA.....	12	13	9	8	7	6	6	6	5	5
SOUTH DAKOTA.....	27	29	25	23	22	20	22	19	14	15
NEBRASKA.....	33	31	27	24	24	21	24	20	18	19
KANSAS.....	29	26	23	20	18	17	18	17	16	17
APPALACHIAN:										
VIRGINIA.....	22	21	22	21	22	20	24	21	19	20
WEST VIRGINIA.....	6	6	6	5	5	4	5	5	4	5
NORTH CAROLINA.....	49	51	47	50	51	48	51	50	52	55
KENTUCKY.....	17	14	13	12	11	11	11	11	11	11
TENNESSEE.....	18	16	16	15	14	14	17	17	17	19
SOUTHEAST:										
SOUTH CAROLINA.....	24	25	22	19	17	18	23	18	18	19
GEORGIA.....	45	51	66	74	78	78	98	92	85	91
FLORIDA.....	17	19	21	25	29	29	34	40	40	42
ALABAMA.....	28	34	34	35	41	45	51	50	50	53
DELTA STATES:										
MISSISSIPPI.....	22	26	29	32	36	40	47	47	48	51
ARKANSAS.....	22	28	28	32	40	47	65	68	66	70
LOUISIANA.....	15	15	13	12	13	14	14	12	13	14
SOUTHERN PLAINS:										
OKLAHOMA.....	12	13	11	11	10	9	10	9	9	9
TEXAS.....	49	54	50	49	49	50	60	54	46	49
MOUNTAIN:										
MONTANA.....	6	6	5	4	4	3	4	4	4	4
IDAHO.....	6	6	5	5	4	4	3	3	3	3
WYOMING.....	1	1	1	1	1	1	1	1	1	1
COLORADO.....	5	5	4	4	4	4	4	5	5	6
NEW MEXICO.....	2	2	2	2	2	2	2	2	2	3
ARIZONA.....	3	3	3	3	3	3	3	3	3	3
UTAH.....	5	4	4	3	3	3	4	4	4	4
NEVADA.....	---	---	---	---	---	---	---	---	---	---
PACIFIC:										
WASHINGTON.....	15	17	16	16	17	16	16	17	15	16
OREGON.....	12	13	10	8	8	8	8	8	7	7
CALIFORNIA.....	109	112	119	114	119	107	112	108	102	109
48 STATES ^{3/}	1,153	1,184	1,115	1,093	1,103	1,052	1,184	1,127	1,052	1,119

^{1/} REVISED.
^{2/} PRELIMINARY.
^{3/} DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

TABLE 37.—GRAIN-AND-ROUGHAGE-CONSUMING ANIMAL UNITS OF BROILERS FED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1—										
	1959	1960	1961	1962	1963	1964	1965	1966 ^{1/}	1967 ^{1/}	1968 ^{2/}	
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	
NORTHEAST:											
MAINE.....	76	82	87	89	95	96	101	103	101	105	
NEW HAMPSHIRE.....	8	8	8	5	4	3	3	3	2	2	
VERMONT.....	1	1	1	1	—	—	—	—	—	—	
MASSACHUSETTS.....	12	10	9	11	9	8	7	7	7	7	
RHODE ISLAND.....	2	2	2	2	1	1	1	1	1	1	
CONNECTICUT.....	31	28	20	17	17	17	14	13	11	12	
NEW YORK.....	14	12	9	6	5	4	5	4	4	4	
NEW JERSEY.....	8	7	5	4	3	2	2	2	1	1	
PENNSYLVANIA.....	53	54	53	54	54	60	62	62	64	66	
DELAWARE.....	128	125	128	146	153	153	170	178	161	167	
MARYLAND.....	144	150	166	183	181	203	223	211	221	230	
LAKE STATES:											
MICHIGAN.....	4	4	4	3	3	2	2	1	1	1	
WISCONSIN.....	29	26	21	18	16	19	21	21	21	22	
MINNESOTA.....	9	15	15	14	14	13	13	14	16	17	
CORN BELT:											
OHIO.....	20	19	16	14	12	14	14	15	14	14	
INDIANA.....	51	54	45	39	34	33	30	24	24	25	
ILLINOIS.....	8	7	4	3	2	1	1	—	—	—	
IOWA.....	5	4	4	4	3	4	3	3	4	4	
MISSOURI.....	44	60	52	45	45	43	31	29	29	30	
NORTHERN PLAINS:											
NORTH DAKOTA.....	—	—	—	—	—	—	—	—	—	—	
SOUTH DAKOTA.....	—	—	—	—	—	—	—	—	—	—	
NEBRASKA.....	3	3	1	1	2	2	2	2	2	2	
KANSAS.....	2	2	2	1	1	1	1	1	1	1	
APPALACHIAN:											
VIRGINIA.....	76	73	68	62	66	67	70	73	80	83	
WEST VIRGINIA.....	35	32	29	27	24	26	26	23	23	24	
NORTH CAROLINA.....	219	261	284	301	298	328	364	368	368	383	
KENTUCKY.....	23	24	21	18	16	15	15	14	13	13	
TENNESSEE.....	47	46	47	50	57	63	70	66	59	61	
SOUTHEAST:											
SOUTH CAROLINA.....	24	28	29	28	24	23	24	27	27	28	
GEORGIA.....	448	467	495	504	523	564	639	626	611	636	
FLORIDA.....	14	17	17	14	16	18	26	35	50	52	
ALABAMA.....	247	277	301	319	340	399	454	454	460	478	
DELTA STATES:											
MISSISSIPPI.....	162	190	195	219	220	235	257	276	285	296	
ARKANSAS.....	253	321	340	364	400	448	506	512	517	537	
LOUISIANA.....	28	35	34	38	41	44	49	58	60	62	
SOUTHERN PLAINS:											
OKLAHOMA.....	9	10	13	19	18	18	18	19	19	19	
TEXAS.....	147	172	176	184	195	199	214	226	227	236	
MOUNTAIN:											
MONTANA.....	—	—	—	—	—	—	—	—	—	—	
IDAHO.....	5	6	6	7	7	7	8	9	9	9	
WYOMING.....	—	—	—	—	—	—	—	—	—	—	
COLORADO.....	1	1	—	—	—	—	—	—	—	—	
NEW MEXICO.....	—	—	—	—	—	—	—	—	—	—	
ARIZONA.....	1	—	—	—	—	—	—	—	—	—	
UTAH.....	2	3	2	2	2	3	4	2	2	2	
NEVADA.....	—	—	—	—	—	—	—	—	—	—	
PACIFIC:											
WASHINGTON.....	22	22	22	25	27	29	31	31	30	31	
OREGON.....	16	16	14	12	14	16	18	18	19	20	
CALIFORNIA.....	77	88	85	85	80	84	94	97	95	99	
48 STATES ^{3/}	2,508	2,782	2,830	2,938	3,022	3,265	3,593	3,628	3,639	3,780	

^{1/} REVISED.

^{2/} PRELIMINARY.

^{3/} DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

TABLE 38.--GRAIN-AND-ROUGHAGE-CONSUMING ANIMAL UNITS OF TURKEYS FED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1--									
	1959	1960	1961	1962	1963	1964	1965	1966 1/	1967 1/	1968 2/
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	1	1	---	---	1	1	1	---	1	1
NEW HAMPSHIRE.....	1	1	1	1	1	1	1	1	1	1
VERMONT.....	---	---	---	---	---	---	---	---	---	---
MASSACHUSETTS.....	5	7	5	5	4	4	4	4	3	3
RHODE ISLAND.....	---	---	1	---	---	---	---	---	---	---
CONNECTICUT.....	3	4	3	3	3	2	2	2	2	2
NEW YORK.....	10	10	8	7	6	5	5	5	5	4
NEW JERSEY.....	2	2	2	2	3	6	8	6	4	5
PENNSYLVANIA.....	22	22	18	20	23	23	26	27	21	22
DELAWARE.....	4	3	2	5	5	6	4	4	2	2
MARYLAND.....	2	2	3	3	3	3	3	2	2	1
LAKE STATES:										
MICHIGAN.....	17	19	15	17	16	16	16	16	18	18
WISCONSIN.....	55	83	74	72	69	72	74	68	54	48
MINNESOTA.....	191	244	199	197	201	209	223	238	219	227
CORN BELT:										
OHIO.....	42	49	46	50	53	47	50	54	49	55
INDIANA.....	41	55	46	51	54	54	56	58	45	49
ILLINOIS.....	14	18	14	15	18	18	18	13	10	11
IOWA.....	103	132	104	107	107	109	97	101	79	77
MISSOURI.....	57	76	55	70	90	102	134	154	121	115
NORTHERN PLAINS:										
NORTH DAKOTA.....	11	17	13	12	13	15	15	15	11	11
SOUTH DAKOTA.....	11	14	11	12	12	14	14	17	16	15
NEBRASKA.....	15	20	16	12	15	16	12	12	13	13
KANSAS.....	12	16	11	10	11	9	8	8	5	5
APPALACHIAN:										
VIRGINIA.....	62	72	54	63	70	76	84	75	54	52
WEST VIRGINIA.....	12	12	13	17	25	26	25	22	14	14
NORTH CAROLINA.....	24	37	31	37	55	63	82	93	111	117
KENTUCKY.....	5	11	11	9	11	14	8	3	2	2
TENNESSEE.....	2	2	2	1	1	1	1	1	---	---
SOUTHEAST:										
SOUTH CAROLINA.....	8	12	8	6	10	11	14	24	20	50
GEORGIA.....	6	9	9	15	19	17	22	25	24	21
FLORIDA.....	3	3	3	3	3	3	3	3	3	3
ALABAMA.....	4	4	3	7	9	10	16	13	9	9
DELTA STATES:										
MISSISSIPPI.....	2	2	2	2	1	1	1	1	---	---
ARKANSAS.....	29	43	33	40	54	64	87	112	91	91
LOUISIANA.....	1	1	1	---	---	---	---	---	---	---
SOUTHERN PLAINS:										
OKLAHOMA.....	17	22	17	19	17	19	19	22	14	17
TEXAS.....	52	64	54	61	65	70	85	108	96	93
MOUNTAIN:										
MONTANA.....	---	---	---	---	---	---	---	---	---	---
IDAHOO.....	3	3	3	3	3	3	3	3	2	2
WYOMING.....	---	---	---	---	---	---	---	---	---	---
COLORADO.....	20	27	22	27	23	27	31	35	31	34
NEW MEXICO.....	1	1	---	---	---	---	---	---	---	---
ARIZONA.....	1	1	2	3	2	1	1	1	1	1
UTAH.....	38	51	47	45	40	38	45	51	43	43
NEVADA.....	---	---	---	---	---	---	---	---	---	---
PACIFIC:										
WASHINGTON.....	7	7	7	5	6	7	7	8	8	8
OREGON.....	19	24	20	22	18	21	23	26	26	26
CALIFORNIA.....	195	238	241	202	211	210	227	256	192	195
48 STATES 3/	1,130	1,441	1,230	1,258	1,351	1,414	1,555	1,687	1,422	1,463

1/ REVISED.
 2/ PRELIMINARY.
 3/ DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

TABLE 39.--GRAIN-AND-ROUGHAGE-CONSUMING ANIMAL UNITS OF HORSES AND MULES FED ANNUALLY, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1--									
	1959	1960	1961	1962	1963	1964	1965	1966 ^{1/}	1967 ^{1/}	1968 ^{2/}
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	6	6	6	6	6	6	6	6	6	6
NEW HAMPSHIRE.....	2	2	2	2	2	2	2	2	2	2
VERMONT.....	7	7	7	7	7	7	7	7	7	7
MASSACHUSETTS.....	3	3	3	3	3	3	3	3	3	3
RHODE ISLAND.....	1	1	1	1	1	1	1	1	1	1
CONNECTICUT.....	2	2	2	2	2	2	2	2	2	2
NEW YORK.....	33	33	33	33	33	33	33	33	33	33
NEW JERSEY.....	6	6	6	6	6	6	6	6	6	6
PENNSYLVANIA.....	40	40	40	40	39	39	39	39	39	39
DELAWARE.....	2	2	2	2	2	2	2	2	2	2
MARYLAND.....	11	11	11	11	11	11	11	11	11	11
LAKE STATES:										
MICHIGAN.....	26	26	26	26	25	25	25	25	25	25
WISCONSIN.....	42	42	42	42	40	40	40	40	40	40
MINNESOTA.....	42	42	42	42	41	41	41	41	41	41
CORN BELT:										
OHIO.....	52	52	52	52	50	50	50	50	50	50
INDIANA.....	37	37	37	37	35	35	35	35	35	35
ILLINOIS.....	52	52	52	52	50	50	50	50	50	50
IOWA.....	62	62	62	62	60	60	60	60	60	60
MISSOURI.....	75	75	75	75	73	73	73	73	73	73
NORTHERN PLAINS:										
NORTH DAKOTA.....	42	42	42	42	41	41	41	41	41	41
SOUTH DAKOTA.....	43	43	43	43	42	42	42	42	42	42
NEBRASKA.....	49	49	49	49	47	47	47	47	47	47
KANSAS.....	50	50	50	50	49	49	49	49	49	49
APPALACHIAN:										
VIRGINIA.....	63	63	63	63	61	61	61	61	61	61
WEST VIRGINIA.....	28	28	28	28	27	27	27	27	27	27
NORTH CAROLINA.....	108	108	108	108	105	105	105	105	105	105
KENTUCKY.....	108	108	108	108	105	105	105	105	105	105
TENNESSEE.....	102	102	102	102	99	99	99	99	99	99
SOUTHEAST:										
SOUTH CAROLINA.....	50	50	50	50	49	49	49	49	49	49
GEORGIA.....	52	52	52	52	50	50	50	50	50	50
FLORIDA.....	20	20	20	20	19	19	19	19	19	19
ALABAMA.....	70	70	70	70	68	68	68	68	68	68
DELTA STATES:										
MISSISSIPPI.....	103	103	103	103	100	100	100	100	100	100
ARKANSAS.....	57	57	57	57	56	56	56	56	56	56
LOUISIANA.....	64	64	64	64	61	61	61	61	61	61
SOUTHERN PLAINS:										
OKLAHOMA.....	64	64	64	64	61	61	61	61	61	61
TEXAS.....	170	170	170	170	164	164	164	164	164	164
MOUNTAIN:										
MONTANA.....	64	64	64	64	61	61	61	61	61	61
IDAHO.....	36	36	36	36	36	36	36	36	36	36
WYOMING.....	36	36	36	36	36	36	36	36	36	36
COLORADO.....	49	49	49	49	47	47	47	47	47	47
NEW MEXICO.....	40	40	40	40	38	38	38	38	38	38
ARIZONA.....	38	38	38	38	37	37	37	37	37	37
UTAH.....	22	22	22	22	21	21	21	21	21	21
NEVADA.....	14	14	14	14	14	14	14	14	14	14
PACIFIC:										
WASHINGTON.....	26	26	26	26	26	26	26	26	26	26
OREGON.....	31	31	31	31	31	31	31	31	31	31
CALIFORNIA.....	55	55	55	55	54	54	54	54	54	54
48 STATES ^{3/}	2,155	2,155	2,155	2,155	2,091	2,091	2,091	2,091	2,091	2,091

^{1/} REVISED.
^{2/} PRELIMINARY.
^{3/} DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

TABLE 40.—TOTAL GRAIN-AND-ROUGHAGE-CONSUMING ANIMAL UNITS FED ANNUALLY, ALL CLASSES, BY REGION AND STATE, 1959-68

REGION AND STATE	YEAR BEGINNING OCTOBER 1--									
	1959	1960	1961	1962	1963	1964	1965	1966 ^{1/}	1967 ^{1/}	1968 ^{2/}
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
NORTHEAST:										
MAINE.....	334	345	351	349	345	339	340	348	347	355
NEW HAMPSHIRE...	134	136	136	128	121	115	114	112	107	105
VERMONT.....	407	413	413	401	382	369	340	336	333	334
MASSACHUSETTS...	248	247	236	231	220	210	197	200	190	188
RHODE ISLAND....	31	30	30	28	26	26	25	24	23	21
CONNECTICUT.....	242	238	229	225	224	218	212	214	208	208
NEW YORK.....	2,210	2,223	2,229	2,201	2,151	2,118	2,053	2,001	1,986	1,941
NEW JERSEY.....	432	409	396	375	350	316	297	279	249	233
PENNSYLVANIA....	2,203	2,215	2,204	2,182	2,118	2,078	2,025	2,002	1,975	2,001
DELAWARE.....	203	197	198	216	218	215	228	235	215	220
MARYLAND.....	637	640	631	648	620	626	633	618	628	636
LAKE STATES:										
MICHIGAN.....	1,791	1,782	1,809	1,805	1,780	1,724	1,625	1,534	1,467	1,435
WISCONSIN.....	4,720	4,750	4,737	4,758	4,760	4,699	4,449	4,399	4,334	4,275
MINNESOTA.....	4,817	4,924	4,943	4,986	4,974	4,778	4,521	4,509	4,418	4,338
CORN BELT:										
OHIO.....	2,938	2,914	2,882	2,888	2,830	2,675	2,529	2,563	2,524	2,500
INDIANA.....	3,252	3,273	3,257	3,315	3,239	3,014	2,874	2,922	2,864	2,810
ILL. INDIS.....	5,061	5,009	5,053	5,153	5,047	4,750	4,538	4,552	4,479	4,365
IANA.....	8,469	8,306	8,433	8,682	8,725	8,719	8,419	8,820	8,791	8,872
MISSOURI.....	4,151	4,195	4,261	4,292	4,333	4,258	4,177	4,382	4,463	4,444
NORTHERN PLAINS:										
NORTH DAKOTA....	1,384	1,435	1,425	1,510	1,613	1,633	1,560	1,546	1,434	1,358
SOUTH DAKOTA....	2,743	2,763	2,871	3,011	3,156	3,160	3,151	3,226	3,243	3,244
NEBRASKA.....	3,889	3,931	4,117	4,294	4,420	4,361	4,398	4,495	4,566	4,533
KANSAS.....	3,108	3,183	3,420	3,534	3,591	3,427	3,697	3,678	3,661	3,677
APPALACHIAN:										
VIRGINIA.....	1,442	1,436	1,418	1,422	1,352	1,327	1,329	1,332	1,323	1,327
WEST VIRGINIA..	519	502	490	474	463	451	426	399	400	404
NORTH CAROLINA..	1,599	1,621	1,645	1,681	1,700	1,728	1,816	1,952	2,006	2,080
KENTUCKY.....	2,030	2,041	2,085	2,110	2,136	2,071	2,041	2,119	2,238	2,239
TENNESSEE.....	1,867	1,844	1,868	1,889	1,892	1,902	1,901	1,978	1,976	1,959
SOUT. EAST:										
SOUTH CAROLINA..	649	641	633	637	633	627	646	687	681	725
GEORGIA.....	2,045	2,090	2,171	2,279	2,394	2,471	2,563	2,663	2,683	2,786
FLORIDA.....	1,185	1,183	1,195	1,236	1,310	1,347	1,381	1,420	1,416	1,462
ALABAMA.....	1,731	1,740	1,809	1,859	1,919	2,026	2,085	2,112	2,160	2,184
DELTA STATES:										
MISSISSIPPI....	1,805	1,831	1,865	1,919	1,970	2,042	2,084	2,124	2,145	2,128
ARKANSAS.....	1,379	1,472	1,511	1,574	1,690	1,794	1,898	2,025	2,072	2,084
LOUISIANA.....	1,249	1,271	1,274	1,267	1,314	1,334	1,282	1,256	1,234	1,222
SOUTHERN PLAINS:										
OKLAHOMA.....	2,212	2,265	2,326	2,410	2,503	2,614	2,633	2,604	2,699	2,784
TEXAS.....	7,282	7,469	7,612	7,875	7,867	7,716	7,920	8,029	8,025	8,115
MOUNTAIN:										
MONTANA.....	1,581	1,521	1,480	1,582	1,730	1,783	1,805	1,823	1,871	1,866
IDAHO.....	1,125	1,111	1,110	1,146	1,181	1,164	1,140	1,109	1,140	1,161
WYOMING.....	986	929	928	967	1,021	1,034	1,036	1,016	1,049	1,011
COLORADO.....	1,611	1,609	1,652	1,751	1,731	1,702	1,854	1,929	1,942	1,979
NEW MEXICO.....	872	875	902	902	919	873	889	900	899	894
ARIZONA.....	684	696	702	743	735	756	733	760	764	786
UTAH.....	709	697	691	686	674	675	683	691	687	696
NEVADA.....	356	340	335	337	351	363	354	347	349	359
PACIFIC:										
WASHINGTON....	971	998	1,026	1,053	1,065	1,077	1,026	1,037	1,027	969
OREGON.....	1,124	1,132	1,106	1,120	1,160	1,174	1,147	1,128	1,123	1,110
CALIFORNIA.....	3,846	3,966	4,004	4,108	4,176	4,176	4,344	4,448	4,412	4,409
48 STATES ^{3/}	94,267	94,818	96,109	98,239	99,129	98,055	97,418	98,883	98,826	98,832

^{1/} REVISED.

^{2/} PRELIMINARY.

^{3/} DATA NOT AVAILABLE FOR ALASKA AND HAWAII.

TABLE 41.—GRAIN-AND-ROUGHAGE-CONSUMING ANIMAL UNITS: NUMBER AND PERCENTAGE FED ANNUALLY, BY REGIONS, 1959-68

YEAR BEGINNING OCT. 1	NORTH- EAST	LAKE STATES	CORN BELT	NORTHERN PLAINS	APPA- LACHIAN	SOUTH- EAST	DELTA STATES	SOUTHERN PLAINS	MOUNTAIN	PACIFIC	TOTAL
	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS	1,000 UNITS
1959.....	7,081	11,328	23,871	11,124	7,457	5,610	4,433	9,494	7,928	5,941	94,267
1960.....	7,093	11,456	23,697	11,312	7,444	5,654	4,574	9,734	7,778	6,096	94,838
1961.....	7,053	11,489	23,896	11,833	7,506	5,808	4,650	9,938	7,800	6,136	96,109
1962.....	6,984	11,549	24,330	12,349	7,576	6,011	4,760	10,285	8,114	6,281	98,239
1963.....	6,775	11,514	24,174	12,780	7,543	6,256	4,974	10,370	8,342	6,401	99,129
1964.....	6,630	11,201	23,416	12,581	7,479	6,471	5,170	10,330	8,350	6,427	98,055
1965.....	6,464	10,595	22,537	12,806	7,513	6,675	5,264	10,553	8,494	6,517	97,418
1966.....	6,369	10,442	23,239	12,945	7,780	6,882	5,405	10,633	8,575	6,613	98,883
1967.....	6,261	10,219	23,121	12,904	7,943	6,940	5,451	10,724	8,701	6,562	98,826
1968.....	6,242	10,048	22,991	12,812	8,009	7,157	5,434	10,899	8,752	6,488	98,832
PERCENTAGE OF TOTAL											
1959.....	7.5	12.0	25.3	11.8	7.9	6.0	4.7	10.1	8.4	6.3	100.0
1960.....	7.5	12.1	25.0	11.9	7.8	6.0	4.8	10.3	8.2	6.4	100.0
1961.....	7.3	12.0	25.0	12.3	7.8	6.0	4.8	10.3	8.1	6.4	100.0
1962.....	7.1	11.8	24.8	12.6	7.7	6.1	4.8	10.5	8.2	6.4	100.0
1963.....	6.8	11.6	24.5	12.9	7.6	6.3	5.0	10.5	8.4	6.4	100.0
1964.....	6.8	11.4	23.9	12.8	7.6	6.6	5.3	10.5	8.5	6.6	100.0
1965.....	6.6	10.9	23.3	13.1	7.7	6.8	5.4	10.8	8.7	6.7	100.0
1966.....	6.4	10.6	23.3	13.1	7.9	7.0	5.5	10.8	8.7	6.7	100.0
1967.....	6.3	10.3	23.7	13.0	8.0	7.0	5.5	10.8	8.8	6.6	100.0
1968.....	6.3	10.2	23.3	13.0	8.1	7.2	5.5	11.0	8.8	6.6	100.0

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Source: U.S. Department of Agriculture, National Agricultural Statistics Service, Washington, D.C.

Table 42.--Feed fed per animal unit, 1926-68, United States ^{1/}

Year beginning Oct. 1	Concentrates ^{2/}	Hay	Year beginning Oct. 1	Concentrates ^{2/}	Hay
	<u>Tons</u>	<u>Tons</u>		<u>Tons</u>	<u>Tons</u>
1926.....	1.08	.95	1950.....	1.20	1.21
1927.....	1.12	1.16	1951.....	1.23	1.23
1928.....	1.12	1.10	1952.....	1.17	1.17
1929.....	1.09	1.05	1953.....	1.20	1.17
			1954.....	1.17	1.17
1930.....	1.01	.91	1955.....	1.21	1.22
1931.....	1.05	.86	1956.....	1.22	1.21
1932.....	1.09	.91	1957.....	1.32	1.28
1933.....	.93	.85	1958.....	1.36	1.36
1934.....	.83	.74	1959.....	1.43	1.33
1935.....	1.04	.97	1960.....	1.46	1.24
1936.....	.84	.94	1961.....	1.45	1.33
1937.....	1.08	.94	1962.....	1.40	1.24
1938.....	1.02	1.06	1963.....	1.39	1.26
1939.....	1.00	1.07	1964.....	1.39	1.28
1940.....	1.08	1.07	1965.....	1.53	1.26
1941.....	1.09	1.06	1966.....	1.46	1.29
1942.....	1.17	1.09	1967.....	1.47	1.30
1943.....	1.14	1.07	1968 ^{3/}	1.57	1.35
1944.....	1.16	1.06			
1945.....	1.23	1.13			
1946.....	1.18	1.19			
1947.....	1.11	1.21			
1948.....	1.16	1.18			
1949.....	1.19	1.18			

^{1/} Concentrates per grain-consuming animal unit and hay per roughage-consuming animal unit. 48 States only.
^{2/} Includes seeds, skim milk, and corn for forage, but excludes corn in silage.
^{3/} Preliminary estimates.

Table 43.--Calculation of animal units for year beginning October 1, 1968 ^{1/}

Type of livestock	Number of head	Animal units based on consumption of--					
		Concentrates		Roughage ^{2/}		All feed ^{2/}	
		Factor	Number	Factor	Number	Factor	Number
	Thousands		Thousands		Thousands		Thousands
On farms January 1, 1969:							
Cattle:							
Milk cows.....	14,106	1.0000	14,106	1.0000	14,106	1.0000	14,106
Milk heifers and heifer calves.....	7,478	.2517	1,882	.7922	5,924	.6121	4,577
Cattle on feed.....	12,579	1.9455	24,472	.1248	1,570	.4754	5,980
Other beef cattle.....	75,245	.0782	5,884	.7576	57,006	.5225	39,316
Stock sheep.....	18,157	.0265	481	.1908	3,464	.1349	2,449
Sheep and lambs on feed.....	2,927	.0553	162	.0005	1	.0214	63
Horses and mules.....	3,000	.3928	1,178	.8683	2,605	.6960	2,088
Hens and pullets.....	398,822	.0361	14,397	.0013	518	.0137	5,464
Raised or fed during 1969:							
Broilers.....	2,758,638	.0033	9,104	----	----	.0014	3,862
Chickens raised for replacements.....	315,192	.0092	2,900	----	----	.0035	1,103
Turkeys.....	107,500	.0309	3,322	.0030	322	.0134	1,440
Goats clipped.....	3,100	----	----	.202 ³	627	.1305	405
Hogs fed in year ^{3/}	92,790	.3832	35,557	.0720	6,681	.1917	17,788
48 States.....	----	----	113,445	----	92,824	----	98,641

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^{1/} Factors in this table were calculated by using State numbers and factors, and should be applied to numbers of livestock at the national level only.

^{2/} Includes pasture.

^{3/} Calculated as follows:

Spring pigs 1968 (20 percent), 49,195-- 9,839
 Fall pigs 1968 (100 percent), 45,262--45,262
 Spring pigs 1969 (80 percent), 47,111--~~37,689~~
 Hogs fed in year beginning Oct. 1 92,790

Percentages of the spring pig crops used in this calculation should be adjusted periodically in accordance with time variations in farrowing and consequently in marketing (appendix D).

Table 44.--Feed fed per head, by kind of livestock, base periods 1940-45 and 1959-61

Type of livestock	Concentrates fed		Roughage fed		All feed fed	
	per head		per head ^{1/}		per head ^{1/}	
	1940-45 ^{2/}	1959-61 ^{3/}	1940-45 ^{2/}	1959-61 ^{3/}	1940-45 ^{2/}	1959-61 ^{3/}
	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>
On farms Jan. 1:						
Cattle:						
Milk cows.....	1,385	2,495	3,563	4,365	4,982	6,767
Other dairy cattle.....	591	628	2,755	3,458	3,424	4,142
Cattle on feed ^{4/}	2,987	4,854	1,580	545	4,811	3,217
Other beef cattle.....	172	195	3,207	3,307	3,399	3,536
Stock sheep.....	22	66	849	833	883	913
Sheep on feed.....	200	138	125	2	260	145
Goats clipped.....	---	---	770	883	770	883
Horses and mules.....	1,596	980	3,447	3,790	4,984	4,710
Hens and pullets.....	68	90	1.6	6	71	93
Raised or fed during year:						
Broilers.....	9.7	8.3	---	---	11.1	9.8
Chickens raised for replacements.....	22	23	---	---	24	24
Turkeys, heavy.....	^{5/} 97	83	^{5/} 5	^{5/} 13	^{5/} 112	^{5/} 91
Turkeys, light.....		32				
Hogs.....	1,082	956	58	331	1,196	1,297

^{1/} In feed units. Includes pasture.

^{2/} Basic data for 1940-45 are from U. S. Dept. Agr. Prod. Res. Rpt. 79.

^{3/} Basic data for tables 44 and 45 are from U. S. Dept. Agr. Statis. Bul. 379.

^{4/} Although the inventory number of cattle on feed January 1 is used in animal unit computations, concentrates, roughages, and all feed fed per year include sufficient feed for cattle fed during the year.

^{5/} Feed is for all turkeys.

Table 45.--Factors used to calculate animal units, base periods 1940-45 and 1959-61

Type of livestock	Factors based on					
	Concentrates		Roughage <u>1/</u>		All feed <u>1/</u>	
	1940-45	1959-61	1940-45	1959-61	1940-45	1959-61
On farms Jan. 1:						
Cattle:						
Milk cows.....	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other dairy cattle.....	.4267	.2517	.7732	.7922	.6873	.6121
Cattle on feed.....	2.1567	1.9455	.4434	.1249	.9657	.4754
Other beef cattle.....	.1242	<u>2/</u> .0782	.9001	<u>2/</u> .7576	.6822	<u>2/</u> .5225
Stock sheep.....	.0159	.0265	.2383	.1908	.1772	.1349
Sheep on feed.....	.1444	.0553	.0351	.0005	.0522	.0214
Goats clipped.....	---	---	.2161	.2023	.1546	.1305
Horses and mules.....	1.1523	.3928	.9674	.8683	1.0004	.6960
Hens and pullets.....	.0491	.0361	.0004	.0013	.0143	.0137
Raised or fed during year:						
Broilers.....	.0070	.0033	---	---	.0022	.0014
Chickens raised for replacements.....	.0159	.0092	---	---	.0048	.0035
Turkeys, heavy.....	.0333	.0333				
Turkeys, light.....	<u>3/</u> .0700	.0128	<u>3/</u> .0014	<u>3/</u> .0030	<u>3/</u> .0225	<u>3/</u> .0134
Hogs fed in year.....	.7812	.3832	.0163	.0758	.2401	.1917

1/ Includes pasture.

2/ Prior to 1929, data for grain-fattened cattle were not published. Therefore single factors--0.2945 based on concentrates, 0.6843 based on roughage, and 0.5170 based on all feed--were used for all cattle and calves for that period.

3/ Factors are for all turkeys.

Table 46.--Factors for computing livestock-production units, 1940-45 and 1959-61

Item	Unit	1940-45		1959-61		1940-45		1959-61	
		Concentrates fed per unit	Factor based on concentrates	Concentrates fed per unit	Factor based on concentrates	All feed consumed per unit	Factor based on all feed	All feed consumed per unit	Factor based on all feed
		Pounds ^{1/}		Pounds ^{2/}		Feed units ^{1/}		Feed units ^{2/}	
On farms Jan. 1:									
Milk cows ^{3/}	Head	1,385	---	2,495	---	4,984	---	6,767	---
Horses and mules.....	do.	1,596	1.1523	980	.3928	4,984	1.0000	4,715	.6968
Goats clipped.....	do.	---	---	---	---	770	.1545	883	.1305
Live weight produced:									
Grain-fattened cattle ^{4/}	Cwt.	568	.4101	583	.2337	914	.1834	681	.1006
Other beef cattle ^{5/}	do.	87	.0628	82	^{6/} .0329	1,020	.2046	987	^{6/} .1458
Sheep and lambs.....	do.	112	.0809	150	.0601	1,972	.3957	1,683	.2487
Hogs.....	do.	503	.3632	442	.1772	556	.1116	605	.0894
Chickens raised for replacements:	do.	524	.3783	480	.1924	568	.1140	505	.0746
Broilers.....	do.	315	.2274	249	.0998	362	.0726	281	.0415
Turkeys.....	do.	583	.4209	438	.1756	673	.1350	463	.0684
Milk.....	1,000 lbs.	316	.2282	398	.1595	1,139	.2285	1,079	.1595
Eggs.....	1,000 eggs:	583	.4209	511	.2048	607	.1218	526	.0777

^{1/} The average feed consumption in the years 1940-45, except 1950-53 was used for broilers. These are the same periods used in Animal Unit Series.

^{2/} Average feed consumption in the years 1959-61.

^{3/} The annual milk production per cow on farms Jan. 1 for 1940-45 was 4,380 pounds, and for 1959-61 was 6,270 pounds.

^{4/} Based on number on feed Jan. 1.

^{5/} Includes liveweight production of all cattle except grain-fattened cattle.

^{6/} Prior to 1929, data for grain-fattened cattle were not published. Therefore, one factor, 0.054, based on concentrates, was used for all cattle and calves for that period, and 0.141 based on all feed.

Table 47.--Estimating the live weight production of hogs by quarters, 1968

Item	Number of hogs	Weight per head				Total live weight produced				
		Beginning of year	When slaugh- tered	End of year	Gain in weight	Calendar year	January to March	April to June	July to September	October to December
		Million head	Pounds	Pounds	Pounds	Pounds	Million pounds	Million pounds	Million pounds	Million pounds
Hogs on farms Jan. 1, 1968:										
Spring pigs.....	9.1	200	1/ 236	---	36	328	328	---	---	---
Fall pigs.....	38.7	65	2/ 234	---	169	6,540	3,597	2,289	654	---
Sows.....	2.6	---	---	---	125	325	146	114	49	16
Gilts 3/.....	4.9	---	---	---	125	612	275	214	92	31
Hogs on farms Dec. 31, 1968, from current pig crop:										
Spring pigs.....	9.3	---	---	200	200	1,860	---	186	651	1,023
Fall pigs.....	40.1	---	---	65	65	2,606	---	130	521	1,955
Gilts 3/.....	5.1	---	---	200	200	1,020	---	102	357	561
Deaths in year.....	6.4	---	---	---	---	---	---	---	---	---
Hogs sold.....	33.5	---	4/ 237	---	---	7,940	397	1,588	2,779	3,176
Sows on farms Dec. 31, 1968.....	2.7	---	---	25	25	68	---	7	24	37
Live weight produced as calculated.....						21,299	4,743	4,630	5,127	6,799
Live weight produced as reported by USDA.....						21,185	---	---	---	---
Live weight produced by quarters adjusted to USDA estimate.....						21,185	4,718	4,605	5,100	6,762

1/ Average weight of barrows and gilts at 8 markets, January through March.
 2/ Average weight of barrows and gilts at 8 markets, April through September.
 3/ 2/3 of sows and gilts were assumed to be gilts.
 4/ Average weight of barrows and gilts at 8 markets, October through December.

Table 48.--Estimated quarterly distribution of annual production of hogs

Item	January to March	April to June	July to September	October to December
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Hogs on farms Jan. 1:				
Spring pigs.....	100	---	---	---
Fall pigs.....	55	35	10	---
Sows and gilts.....	45	35	15	5
Current pig crop on farms Dec. 31:				
Spring pigs.....	---	10	35	55
Fall pigs.....	---	5	20	75
Gilts.....	---	10	35	55
Sows on farms Dec. 31.....	---	10	35	55
Hogs sold.....	5	20	35	40

Table 49.--Data for computing annual livestock-production units, 1926-68

Year beginning Oct. 1	Live weight production									Milk	Eggs	Horses and mules	Goats clipped
	Hogs ^{1/}	Cattle			Sheep and lambs	Poultry ^{1/}							
		Grain- fattened	Other	Total		Chickens raised	Broilers	Turkeys					
Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million eggs	1,000 head	1,000 head	
1926.....	15,400	---	---	12,205	1,650	2,852	---	---	94,710	38,475	21,192	3,265	
1927.....	16,500	---	---	12,263	1,746	2,660	---	---	95,675	38,339	20,448	3,716	
1928.....	16,000	---	---	12,647	1,810	2,854	---	239	98,201	38,148	19,744	3,873	
1929.....	15,300	1,416	11,720	13,136	1,930	2,875	---	228	99,463	38,818	19,124	4,261	
1930.....	15,600	1,376	11,979	13,355	2,030	2,696	---	244	102,097	38,209	18,468	4,457	
1931.....	16,500	1,350	12,671	14,021	1,885	2,868	---	303	103,789	37,101	17,812	4,201	
1932.....	16,800	1,445	13,667	15,112	1,852	2,850	---	319	104,657	35,516	17,337	4,092	
1933.....	15,000	1,396	13,359	14,755	1,898	2,449	97	300	102,453	34,450	16,997	3,916	
1934.....	10,600	1,070	12,802	13,872	1,854	2,568	123	298	101,468	33,190	16,683	3,565	
1935.....	12,000	1,591	12,650	14,241	1,848	2,789	152	405	101,505	34,343	16,226	3,715	
1936.....	12,800	1,371	12,548	13,919	1,912	2,405	196	376	102,711	37,202	15,802	3,774	
1937.....	15,100	1,705	12,267	13,972	2,012	2,538	239	395	104,781	36,970	15,245	3,938	
1938.....	15,900	1,808	13,087	14,895	2,031	2,717	306	494	106,764	38,441	14,792	4,066	
1939.....	17,600	2,044	13,527	15,571	2,083	2,598	413	502	109,081	39,494	14,478	4,297	
1940.....	16,900	2,134	14,564	16,698	2,214	3,054	559	512	113,888	40,951	14,104	4,542	
1941.....	19,400	2,256	15,927	18,183	2,298	3,546	674	522	118,565	47,498	13,655	4,322	
1942.....	24,100	2,225	16,787	19,012	2,159	4,206	833	509	117,754	53,880	13,231	4,276	
1943.....	23,600	2,062	17,509	19,571	1,980	3,578	818	584	116,238	57,850	12,613	4,109	
1944.....	18,800	2,265	17,300	19,565	1,918	3,829	1,107	740	120,141	56,276	11,950	4,291	
1945.....	18,900	2,387	16,741	19,128	1,800	3,246	884	714	117,661	55,468	11,108	3,939	
1946.....	18,300	2,451	16,646	19,097	1,616	3,165	936	611	117,785	55,085	10,129	3,672	
1947.....	18,400	2,379	16,205	18,584	1,429	2,768	1,127	574	112,593	54,281	9,279	3,164	
1948.....	18,600	2,638	16,418	19,056	1,304	3,102	1,570	769	115,025	54,803	8,498	2,558	
1949.....	19,800	2,766	17,942	20,708	1,322	2,789	1,945	817	116,694	58,720	7,781	2,530	
1950.....	21,100	2,890	19,649	22,539	1,363	2,803	2,415	950	115,476	57,721	7,056	2,472	
1951.....	20,600	3,413	21,034	24,447	1,446	2,524	2,624	1,049	113,507	57,809	6,150	2,287	
1952.....	18,600	3,509	23,278	26,787	1,521	2,573	2,904	1,008	118,987	57,436	5,403	2,337	
1953.....	17,400	3,780	23,756	27,536	1,590	2,430	3,236	1,161	122,018	58,382	4,791	2,618	
1954.....	19,500	4,335	23,635	27,970	1,615	2,139	3,350	1,091	122,222	59,635	4,309	2,984	
1955.....	19,700	4,435	23,238	27,673	1,581	2,165	4,270	1,274	124,419	60,427	3,958	3,151	
1956.....	18,600	4,579	22,220	26,799	1,542	1,875	4,683	1,356	124,662	61,516	3,632	3,231	
1957.....	18,800	4,724	21,988	26,712	1,626	1,976	5,431	1,356	122,875	60,779	3,415	3,417	
1958.....	20,800	5,475	22,426	27,901	1,699	1,803	5,763	1,433	122,180	63,546	3,189	3,755	
1959.....	20,200	5,888	22,779	28,667	1,649	1,571	6,017	1,489	122,505	62,041	3,089	3,888	
1960.....	19,700	6,388	23,200	29,588	1,642	1,621	6,827	1,871	124,478	61,455	3,089	4,021	
1961.....	20,100	6,914	23,595	30,509	1,529	1,525	6,902	1,826	126,069	63,308	3,089	4,236	
1962.....	20,800	7,524	24,702	32,226	1,425	1,491	7,271	1,686	125,310	63,185	3,089	4,363	
1963.....	20,700	7,952	26,318	34,270	1,348	1,515	7,516	1,826	126,305	64,619	3,000	4,568	
1964.....	18,700	8,535	25,511	34,066	1,245	1,453	8,110	1,915	125,393	65,432	3,000	4,803	
1965.....	18,500	9,912	24,768	34,680	1,243	1,650	8,988	2,123	119,909	65,384	3,000	4,659	
1966.....	20,300	10,379	25,273	35,652	1,169	1,565	9,181	2,343	119,077	69,346	3,000	4,113	
1967.....	21,000	11,337	24,948	36,285	1,127	1,456	9,254	2,011	117,302	69,667	3,000	3,965	
1968 ^{3/}	21,800	12,486	24,139	36,625	1,104	1,557	9,809	2,071	116,400	69,000	3,000	3,100	

1/ Production for calendar year following Oct. 1.

2/ On Jan. 1 following Oct. 1.

3/ Preliminary.

Table 50.--Livestock-production units, based on concentrates consumed, 1926-68

Year beginning Oct. 1	Cattle			Sheep and lambs	Poultry			Milk	Eggs	Horses and mules	Total	
	Hogs	Grain-fattened	Other 1/		Chickens raised	Broilers	Turkeys				All livestock	Excluding horses and mules
	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units
1926.....	27,289	---	6,591	992	5,487	---	---	15,106	7,675	8,324	64,873	56,549
1927.....	29,238	---	6,622	1,049	5,118	---	---	15,260	7,852	8,032	66,549	58,517
1928.....	28,352	---	6,829	1,088	5,491	---	420	15,663	7,813	7,755	66,582	58,827
1929.....	27,112	3,309	3,856	1,160	5,532	---	400	15,864	7,950	7,511	72,694	65,183
1930.....	27,643	3,216	3,941	1,220	5,187	---	428	16,284	7,825	7,254	72,998	65,744
1931.....	29,238	3,155	4,169	1,133	5,518	---	532	16,554	7,598	6,997	74,894	67,897
1932.....	29,770	3,377	4,496	1,113	5,483	---	560	16,693	7,274	6,810	75,576	63,766
1933.....	26,580	3,262	4,395	1,141	4,711	97	527	16,341	7,055	6,676	70,785	64,109
1934.....	18,783	2,501	4,212	1,114	4,941	123	523	16,184	6,797	6,553	61,731	55,178
1935.....	21,264	3,718	4,162	1,111	5,366	152	711	16,190	7,033	6,374	66,081	59,707
1936.....	22,682	3,204	4,128	1,149	4,627	196	660	16,382	7,619	6,207	66,854	60,647
1937.....	26,757	3,985	4,036	1,209	4,883	239	694	16,713	7,571	5,988	72,075	66,087
1938.....	28,175	4,225	4,306	1,221	5,228	305	867	17,029	7,873	5,810	75,039	69,229
1939.....	31,117	4,777	4,450	1,252	4,999	412	882	17,398	8,088	5,687	79,132	73,445
1940.....	29,238	4,987	4,792	1,331	5,876	558	899	18,165	8,387	5,540	80,482	74,942
1941.....	34,377	5,272	5,240	1,381	6,823	673	917	18,911	9,728	5,364	88,686	83,322
1942.....	42,705	5,600	5,523	1,298	8,092	831	894	18,782	11,035	5,197	99,957	94,760
1943.....	41,819	4,819	5,760	1,190	6,884	816	1,026	18,540	11,848	4,954	97,656	92,702
1944.....	33,314	5,293	5,692	1,153	7,367	1,105	1,299	19,162	11,525	4,694	90,604	85,910
1945.....	33,491	5,578	5,508	1,082	6,245	882	1,254	18,767	11,360	4,363	88,530	84,167
1946.....	32,428	5,728	5,477	971	6,089	934	1,073	18,787	11,281	3,979	85,747	82,768
1947.....	32,605	5,560	5,331	839	5,326	1,125	1,008	17,959	11,117	3,645	84,535	80,890
1948.....	32,959	6,165	5,402	784	5,968	1,567	1,350	18,346	11,224	3,338	87,103	83,765
1949.....	35,086	6,464	5,903	795	5,366	1,941	1,435	18,613	12,026	3,056	90,685	87,629
1950.....	37,389	6,754	6,465	819	5,393	2,410	1,668	18,418	11,821	2,764	93,901	91,137
1951.....	36,503	7,976	6,920	869	4,856	2,619	1,842	18,104	11,839	2,416	93,944	91,528
1952.....	32,919	8,201	7,658	914	4,950	2,898	1,770	18,978	11,763	2,122	92,213	90,091
1953.....	30,833	8,834	7,816	956	4,675	3,230	2,039	19,462	11,957	1,882	91,684	89,802
1954.....	34,554	10,131	7,776	971	4,115	3,343	1,916	19,494	12,213	1,693	96,206	94,513
1955.....	34,908	10,365	7,645	950	4,127	4,261	2,237	19,845	12,375	1,555	98,268	96,713
1956.....	32,959	10,701	7,310	927	3,608	4,674	2,381	19,884	12,598	1,427	96,469	95,042
1957.....	33,314	11,040	7,234	977	3,802	5,420	2,381	19,599	12,448	1,341	97,556	96,215
1958.....	36,858	12,795	7,378	1,021	3,469	5,751	2,516	19,488	13,014	1,253	103,543	102,290
1959.....	35,794	13,760	7,494	991	3,021	6,005	2,615	19,527	12,706	1,213	103,128	101,915
1960.....	34,908	14,929	7,633	987	3,119	6,713	3,285	19,854	12,586	1,213	105,327	104,114
1961.....	35,617	16,158	7,763	919	2,934	6,888	2,855	20,108	12,965	1,213	107,420	105,207
1962.....	36,858	17,584	8,127	856	2,869	7,256	2,961	19,987	12,940	1,213	110,651	109,438
1963.....	36,660	18,584	8,659	810	2,915	7,501	3,206	20,146	13,234	1,178	112,913	111,735
1964.....	33,136	19,993	8,393	748	2,796	8,094	3,363	20,000	13,400	1,178	111,101	109,923
1965.....	32,782	23,164	8,149	747	3,175	8,970	3,728	19,125	13,391	1,178	114,469	113,231
1966.....	35,972	24,256	8,315	703	3,011	9,163	4,114	18,993	14,202	1,178	119,907	118,729
1967 2/.....	37,212	26,495	8,208	674	2,801	9,235	3,531	18,710	14,268	1,178	122,312	121,134
1968 2/.....	38,630	29,180	7,942	664	2,996	9,789	3,637	18,566	14,131	1,178	126,713	125,535

1/ Includes grain-fattened cattle, 1926-28.

2/ Revised.

3/ Preliminary.

Table 51.--Livestock production units, based on concentrates, 1926-68, 48 States:
Comparisons between base periods 1940-45 and 1959-61

Year beginning Oct. 1	Livestock production units based on concentrates		Livestock production units based on all feed	
	1940-45	1959-61	1940-45	1959-61
	1,000 units	1,000 units	1,000 units	1,000 units
1926.....	144,414	71,464	99,540	70,498
1927.....	147,074	73,171	100,567	71,340
1928.....	147,187	73,411	101,447	71,819
1929.....	144,569	72,694	101,671	72,050
1930.....	144,621	72,998	102,563	72,725
1931.....	148,095	74,894	104,157	74,014
1932.....	149,027	75,576	106,030	75,416
1933.....	139,288	70,785	102,077	72,456
1934.....	120,869	61,731	94,679	66,852
1935.....	129,167	66,081	96,880	68,439
1936.....	130,539	66,854	97,175	68,781
1937.....	140,427	72,075	100,201	71,085
1938.....	146,056	75,039	103,566	73,512
1939.....	153,912	79,132	107,295	76,260
1940.....	155,905	80,482	110,843	78,624
1941.....	172,041	88,686	118,981	84,514
1942.....	194,413	99,957	126,359	90,204
1943.....	190,836	97,656	125,221	89,391
1944.....	176,020	90,604	120,402	85,322
1945.....	171,756	88,530	116,783	82,791
1946.....	167,766	86,747	114,115	80,886
1947.....	163,604	84,535	109,908	78,006
1948.....	168,446	87,103	111,214	78,813
1949.....	175,284	90,685	116,035	82,306
1950.....	181,531	93,901	120,612	85,680
1951.....	181,065	93,944	122,697	86,982
1952.....	176,369	92,213	126,107	89,204
1953.....	174,727	91,684	127,011	89,577
1954.....	183,429	96,206	129,622	91,522
1955.....	187,657	98,268	130,254	91,839
1956.....	184,108	96,469	127,087	89,353
1957.....	186,476	97,556	127,369	89,465
1958.....	198,187	103,543	132,243	92,880
1959.....	197,248	103,128	132,618	93,002
1960.....	201,661	105,327	135,299	94,576
1961.....	205,378	107,420	137,303	95,975
1962.....	211,717	110,651	141,107	98,623
1963.....	215,992	112,913	145,435	101,581
1964.....	212,469	111,101	142,700	99,176
1965.....	217,445	114,409	143,243	99,029
1966.....	230,751	119,907	147,354	101,932
1967.....	235,131	122,312	148,126	102,375
1968.....	243,807	126,713	149,539	103,063

Table 52.--Percentage of total livestock-production units, based on concn rates, by kinds of livestock production, specified periods, 1910-68

Period	Hogs	Cattle			Sheep and lambs	Poultry			Milk	Eggs	Horses and mules	Total
		Grain-fattened	Other			Chickens raised	Broilers	Turkeys				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
1910-19.....	36.7	---	11.1	0.7	6.8	---	---	12.6	10.0	22.1	100.0	
1920-29.....	38.9	0.5	8.3	.8	7.2	---	0.1	14.4	11.2	18.6	100.0	
1930-39.....	36.6	5.0	5.9	1.6	7.1	0.2	.9	23.2	10.5	9.0	100.0	
1940-49.....	39.0	6.2	6.1	1.2	7.2	1.2	1.2	20.8	12.2	4.9	100.0	
1950-59.....	35.8	10.4	7.6	1.0	4.3	4.2	2.2	20.0	12.7	1.8	100.0	
1960-68.....	31.2	18.5	7.1	.7	2.6	7.2	3.0	17.0	11.7	1.0	100.0	

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Table 51.--Livestock-production units, based on all feed, 1926-68

Year beginning Oct. 1	Cattle			Sheep and lambs	Poultry			Milk	Eggs	Goats	Horses and mules	Total	
	Hogs	Grain-fattened	Other ^{1/}		Chickens raised	Broilers	Turkeys					All livestock	Excluding horses and mules
	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units
1926	13,768	---	17,209	4,104	2,128	---	---	15,106	2,990	426	14,767	70,498	55,731
1927	14,751	---	17,291	4,342	1,984	---	---	15,260	2,979	485	14,768	71,340	57,092
1928	14,304	---	17,832	4,501	2,129	---	---	163	3,663	705	13,758	71,819	58,061
1929	13,678	1,424	17,088	4,800	2,145	---	---	156	3,884	553	13,326	72,050	58,724
1930	15,946	1,384	17,465	5,049	2,011	---	---	167	3,284	2,969	582	72,725	59,857
1931	14,751	1,358	18,474	4,588	2,140	---	---	297	3,534	2,883	348	74,014	61,603
1932	15,019	1,454	19,926	4,586	2,126	---	---	218	3,693	2,760	534	75,416	63,316
1933	15,610	1,404	19,477	4,720	1,827	40	---	205	3,341	2,677	511	72,456	60,612
1934	9,676	1,076	18,665	4,511	1,914	51	---	204	3,184	2,579	465	66,852	55,227
1935	10,728	1,601	18,444	4,596	2,081	63	---	277	3,196	2,668	485	68,439	57,133
1936	11,443	1,379	18,295	4,755	1,794	81	---	257	3,382	2,891	493	68,782	57,270
1937	13,499	1,715	17,885	5,034	1,893	99	---	270	3,713	2,873	511	71,085	60,462
1938	14,215	1,819	19,081	5,051	2,027	127	---	338	3,029	2,987	531	73,512	63,205
1939	15,734	2,056	19,722	5,180	1,938	171	---	343	3,396	3,069	561	76,260	66,172
1940	15,109	2,147	21,234	5,506	2,278	232	---	350	3,165	3,182	593	78,624	68,796
1941	17,364	2,270	22,222	5,715	2,645	280	---	357	3,911	3,564	9,515	84,514	74,979
1942	21,565	2,238	24,475	5,369	3,138	346	---	348	3,782	4,186	558	90,204	80,985
1943	21,098	2,074	25,528	4,924	2,669	339	---	399	3,540	4,495	536	89,351	80,692
1944	16,807	2,279	25,223	4,770	2,856	459	---	506	3,162	4,373	560	85,322	76,595
1945	16,897	2,401	24,406	4,477	2,422	367	---	488	3,767	4,310	514	82,791	75,051
1946	16,360	2,466	24,270	4,019	2,361	388	---	418	3,787	4,280	479	80,886	73,828
1947	16,450	2,393	23,627	3,554	2,065	468	---	393	3,959	4,218	413	78,006	71,540
1948	16,628	2,654	23,977	3,243	2,314	652	---	526	3,346	4,258	334	78,813	72,892
1949	17,701	2,783	26,159	3,288	2,081	807	---	559	3,613	4,563	330	82,706	76,884
1950	18,863	2,907	28,648	3,390	2,091	1,002	---	650	3,416	4,485	323	85,680	80,777
1951	18,416	3,433	30,668	3,596	1,883	1,089	---	718	3,104	4,492	298	86,982	82,699
1952	18,628	3,530	33,929	3,783	1,919	1,205	---	689	3,978	4,467	305	89,204	85,439
1953	15,556	3,803	34,636	3,954	1,813	1,243	---	794	3,462	4,536	342	89,577	86,239
1954	17,433	4,361	34,460	4,016	1,596	1,390	---	746	3,494	4,634	389	91,522	88,519
1955	17,612	4,462	33,881	3,932	1,600	1,712	---	871	3,845	4,695	411	91,839	89,081
1956	16,628	4,606	32,397	2,835	1,399	1,943	---	928	3,884	4,780	422	89,353	86,822
1957	16,807	4,752	32,058	4,044	1,474	2,254	---	928	3,599	4,723	446	89,465	87,085
1958	18,595	5,508	32,697	4,275	1,345	2,392	---	980	3,888	4,938	490	91,880	90,656
1959	18,059	5,82	33,212	4,101	1,172	2,497	---	1,018	3,540	4,821	507	93,002	90,850
1960	17,612	6,426	33,826	4,084	1,209	2,833	---	1,280	3,854	4,775	525	94,576	92,424
1961	17,969	6,955	34,402	3,803	1,138	2,864	---	1,112	3,108	4,919	553	95,975	93,823
1962	18,995	7,569	36,016	3,544	1,112	3,017	---	1,151	3,987	4,709	563	98,623	96,471
1963	18,506	8,000	38,372	3,352	1,130	3,119	---	1,249	3,146	5,021	596	101,581	99,491
1964	16,718	8,606	37,195	3,096	1,084	3,366	---	1,310	2,000	5,084	627	99,176	97,086
1965	16,539	9,971	35,112	3,091	1,231	3,738	---	1,452	1,125	5,080	608	99,029	96,939
1966	18,188	10,441	36,848	2,987	1,187	3,810	---	1,603	1,997	5,388	557	101,932	99,842
1967 ^{2/}	18,774	11,405	36,374	2,790	1,086	3,840	---	1,376	1,770	5,413	517	102,375	100,285
1968 ^{2/}	19,489	12,561	35,195	2,746	1,162	4,071	---	1,417	1,856	5,761	405	103,063	100,973

^{1/} Includes grain-fattened cattle, 1926-28.^{2/} Revised.^{3/} Preliminary.

Table 54.--Percentage of total livestock-production units based on all feed, by kinds of livestock production, specified periods, 1910-68

Period	Hogs	Cattle			Sheep and lambs	Poultry			Milk	Eggs	Goats	Horses and mules	Total
		Grain-fattened	Other			Chickens raised	Broilers	Turkeys					
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
1910-19.....	15.1	---	30.4	4.8	2.6	---	---	16.9	3.9	---	26.3	100.0	
1920-29.....	17.1	0.2	25.4	5.9	2.9	---	0.1	20.8	4.7	0.5	22.4	100.0	
1930-39.....	18.5	2.1	26.2	6.8	2.8	0.1	.3	22.5	4.0	.7	16.0	100.0	
1940-49.....	21.3	2.9	29.3	5.5	3.0	.5	.5	21.9	5.0	.6	9.5	100.0	
1950-59.....	19.5	4.9	36.6	4.4	1.8	1.9	.9	20.9	5.2	.4	3.5	100.0	
1960-68.....	18.2	9.2	36.4	3.3	1.2	3.4	1.3	19.1	5.2	.6	2.1	100.0	

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Table 55.—Index numbers of livestock-production units, all livestock and livestock products, animal units fed, and feed consumed by livestock, 1926-68 ^{1/}

Year beginning Oct. 1	Livestock-production units (1957-59 = 100)		All livestock and livestock products ^{2/} (1957-59 = 100)	Animal units fed (1957-59 = 100)		Feed consumed (1957-59 = 100)	
	Based on concentrates ^{2/}	Based on all feed ^{2/}		Based on concentrates	Based on all feed	Grain and other concentrates	All feed including pasture
1926.....	61	64	62	84	77	57	62
1927.....	61	64	62	84	78	59	62
1928.....	61	65	63	84	79	59	62
1929.....	65	69	64	86	81	58	58
1930.....	66	67	65	86	82	54	58
1931.....	68	69	66	87	86	61	63
1932.....	69	71	67	92	89	65	65
1933.....	64	68	61	89	90	76	58
1934.....	55	62	59	75	81	43	57
1935.....	60	64	63	81	82	54	57
1936.....	61	64	62	80	81	47	57
1937.....	66	68	65	81	80	59	64
1938.....	69	71	70	87	84	62	63
1939.....	73	74	71	92	88	66	67
1940.....	75	77	75	92	89	69	73
1941.....	83	84	84	100	96	77	80
1942.....	95	90	91	114	105	94	88
1943.....	93	90	86	114	108	92	89
1944.....	86	86	86	103	101	85	83
1945.....	84	84	83	100	97	87	85
1946.....	83	82	82	96	94	80	81
1947.....	81	80	80	92	90	73	76
1948.....	84	81	85	95	90	80	78
1949.....	88	86	88	98	93	85	81
1950.....	91	90	92	100	96	88	85
1951.....	91	92	92	101	99	90	88
1952.....	90	95	93	97	100	82	86
1953.....	90	96	96	96	100	84	87
1954.....	94	99	99	102	102	84	89
1955.....	97	99	99	101	102	89	90
1956.....	95	97	97	99	99	88	93
1957.....	96	97	99	97	98	94	97
1958.....	102	101	104	102	101	101	100
1959.....	102	102	102	101	101	105	103
1960.....	104	103	102	102	102	109	104
1961.....	106	105	100	103	103	110	105
1962.....	109	108	111	106	106	109	105
1963.....	112	111	114	106	107	108	107
1964.....	110	108	111	103	105	105	109
1965.....	113	108	114	104	105	116	118
1966.....	119	112	117	109	106	116	118
1967.....	121	112	118	109	106	116	120
1968 ^{3/}	125	113	119	111	106	125	124
	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Percentage increase 1926 to 1968.....	98	81	90	33	38	119	100

^{1/} Excludes horses and mules and livestock not on farms. ^{2/} Weighted by grain and other concentrates consumed. ^{3/} Weighted by all feed consumed. ^{4/} Weighted by the value of production. For calendar year beginning Jan. 1 after year indicated in stub. See changes in Farm Production and Efficiency, U. S. Dept. Agr. Stats. Bul. 233, table 1. ^{5/} Preliminary.

Table 56.--Supply of concentrates, concentrates fed, livestock-production units, and amount fed per livestock-production unit, 1926-68

Year beginning Oct. 1	Supply of concentrates available ^{1/}	Total concentrates fed ^{1/}	Livestock-production units based on concentrates	Concentrates fed per unit
	Million tons	Million tons	Million units	Tons
1926.....	121.2	101.4	71.5	1.42
1927.....	121.0	105.6	73.2	1.44
1928.....	124.0	104.9	73.4	1.43
1929.....	119.5	103.0	72.7	1.42
1930.....	111.2	93.6	73.0	1.28
1931.....	120.9	101.9	74.9	1.36
1932.....	135.4	108.9	75.6	1.44
1933.....	113.7	90.1	70.8	1.27
1934.....	80.6	69.4	61.7	1.12
1935.....	111.8	91.6	66.1	1.39
1936.....	87.8	73.4	66.9	1.10
1937.....	120.4	94.5	72.1	1.31
1938.....	127.9	96.5	75.0	1.29
1939.....	133.6	99.6	79.1	1.26
1940.....	139.1	106.7	80.5	1.33
1941.....	149.1	116.9	88.7	1.32
1942.....	171.1	140.8	100.0	1.41
1943.....	163.7	137.9	97.7	1.41
1944.....	155.9	126.7	90.6	1.40
1945.....	152.0	130.2	88.5	1.47
1946.....	154.3	119.3	86.7	1.38
1947.....	130.0	107.7	84.5	1.27
1948.....	162.9	115.9	87.1	1.33
1949.....	171.9	122.5	90.7	1.35
1950.....	174.4	126.1	93.9	1.34
1951.....	165.5	128.6	93.9	1.37
1952.....	162.7	117.6	92.2	1.26
1953.....	166.4	119.9	91.7	1.31
1954.....	175.4	119.8	96.2	1.25
1955.....	190.8	125.6	98.3	1.28
1956.....	193.7	123.7	96.5	1.28
1957.....	212.4	132.1	97.6	1.35
1958.....	235.4	141.2	103.5	1.36
1959.....	250.0	147.8	103.1	1.43
1960.....	263.1	152.5	105.3	1.45
1961.....	258.5	153.9	107.4	1.43
1962.....	247.4	152.5	110.7	1.38
1963.....	252.7	150.5	112.9	1.33
1964.....	239.6	147.3	111.1	1.33
1965.....	249.2	163.1	114.4	1.43
1966.....	236.7	162.6	119.9	1.36
1967.....	251.0	164.1	122.3	1.34
1968 ^{2/}	254.8	178.8	126.7	1.41

^{1/} Includes seeds, skim milk, and corn for forage, but excludes corn in silage.

^{2/} Preliminary

Table 57.--Feed units consumed, livestock-production units, and consumption per livestock-production unit, 1926-68

Year beginning Oct. 1	All feed consumed ^{1/}	Livestock- production units	Feed per livestock-production unit	
			Quantity	Index number (1957-59 = 100)
	Million tons	Million units	Tons	
1926.....	198.1	55.7	3.56	99
1927.....	198.8	57.1	3.48	97
1928.....	200.7	58.1	3.45	96
1929.....	188.3	58.7	3.21	89
1930.....	186.2	59.9	3.11	86
1931.....	203.5	61.6	3.30	92
1932.....	207.9	63.3	3.28	91
1933.....	185.9	60.6	3.07	85
1934.....	182.2	55.2	3.30	92
1935.....	183.5	57.1	3.21	89
1936.....	183.0	57.8	3.17	88
1937.....	205.5	60.5	3.40	94
1938.....	204.2	63.2	3.23	90
1939.....	217.0	66.2	3.28	91
1940.....	233.8	68.8	3.40	94
1941.....	259.2	75.0	3.46	96
1942.....	285.0	81.0	3.52	98
1943.....	286.7	80.6	3.56	99
1944.....	282.2	77.0	3.66	102
1945.....	272.3	75.1	3.63	101
1946.....	261.5	73.8	3.54	98
1947.....	243.8	71.5	3.41	95
1948.....	252.6	72.9	3.46	96
1949.....	261.9	76.9	3.41	95
1950.....	275.2	80.8	3.41	95
1951.....	283.0	82.7	3.42	95
1952.....	276.4	85.4	3.24	90
1953.....	280.9	86.2	3.26	91
1954.....	286.2	88.5	3.23	90
1955.....	290.0	89.1	3.25	90
1956.....	298.9	86.8	3.44	96
1957.....	312.9	87.1	3.59	100
1958.....	321.0	90.7	3.54	98
1959.....	332.3	90.8	3.66	102
1960.....	335.0	92.4	3.63	101
1961.....	338.4	93.8	3.61	100
1962.....	339.6	96.5	3.52	98
1963.....	344.6	99.5	3.46	96
1964.....	349.8	77.1	3.60	100
1965 ^{2/}	381.2	96.9	3.93	109
1966.....	380.7	99.8	3.81	106
1967.....	387.5	100.3	3.86	107
1968.....	398.2	101.0	3.94	109

^{1/} Includes concentrates, harvested roughages, and pasture measured in feed units. Excludes feed consumed by horses and mules and livestock not on farms.

^{2/} Starting in 1965, feed from pasture was recalculated on the basis of new determinations of animal feed requirements by the National Research Council, National Academy of Sciences.

Table 58.--High-protein animal units and high-protein feeds available for feeding per animal unit, 1926-69 1/

Year beginning Oct. 1	Milk cows	Other dairy cattle	Cattle on feed	Other beef cattle	Sheep	Hogs	Hens and pullers	Chickens raised	Broilers	Turkeys	Total	High-protein feeds available 2/	
												Total	Per animal unit
	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 units	1,000 tons	Pounds
1926.....	22,251	3,075	---	4,931	2,575	21,615	21,274	11,523	---	---	87,244	4,827	111
1927.....	22,231	3,172	---	4,718	2,747	22,457	21,940	10,755	---	---	88,020	4,437	101
1928.....	22,440	3,377	---	4,852	2,937	21,759	20,709	11,538	---	1,382	88,994	4,784	108
1929.....	23,032	3,575	3,512	4,441	3,131	21,150	20,530	11,937	---	1,302	93,610	4,818	103
1930.....	23,820	3,617	3,413	4,665	3,233	21,363	20,607	10,893	---	1,365	92,976	4,561	98
1931.....	24,896	3,731	3,247	4,943	3,274	22,834	19,788	11,308	---	1,745	95,766	4,404	92
1932.....	25,936	3,890	3,475	5,456	3,221	23,415	20,043	11,523	---	1,738	98,697	4,445	90
1933.....	26,931	3,946	3,261	6,037	3,249	21,688	19,735	9,895	353	1,624	96,719	4,461	92
1934.....	26,082	3,688	2,499	5,440	3,145	14,937	17,942	10,110	447	1,556	85,846	4,395	102
1935.....	25,196	3,672	3,613	5,244	3,105	16,845	18,608	10,985	554	2,093	89,915	5,156	115
1936.....	24,649	3,651	3,113	5,115	3,087	17,886	19,480	9,233	706	1,926	86,846	5,394	121
1937.....	24,466	3,685	3,764	4,861	3,101	17,682	18,095	10,002	857	2,011	86,524	5,579	126
1938.....	24,600	3,917	3,727	4,854	3,119	23,440	19,275	10,708	1,102	2,512	95,254	5,769	121
1939.....	24,940	4,069	4,099	5,067	3,164	23,900	20,146	9,741	1,487	2,587	95,200	5,998	121
1940.....	25,453	3,844	4,587	5,664	3,274	22,319	19,546	11,446	1,991	2,439	100,563	6,930	138
1941.....	26,313	4,035	4,722	6,169	3,413	25,317	21,936	12,971	2,372	2,430	109,678	7,296	133
1942.....	27,138	4,221	5,016	6,826	3,349	31,054	25,064	15,386	2,964	2,379	123,397	8,584	139
1943.....	27,704	4,366	4,530	7,488	3,084	31,589	26,839	12,784	2,851	2,628	123,863	8,777	142
1944.....	27,770	4,214	4,978	7,533	2,825	21,807	24,292	13,681	3,799	3,209	116,108	8,728	150
1945.....	26,521	3,875	4,751	7,378	2,571	24,286	24,238	11,733	3,040	3,001	110,994	8,083	146
1946.....	25,842	3,814	4,877	7,206	2,277	23,140	22,116	11,054	3,226	2,541	106,093	8,279	156
1947.....	24,615	3,722	4,312	6,950	2,086	23,065	21,405	9,451	3,852	2,360	101,818	8,461	167
1948.....	23,862	3,675	5,123	6,919	1,880	24,348	20,474	10,833	5,336	3,086	105,536	9,605	182
1949.....	21,853	3,738	4,954	7,125	1,811	26,224	21,723	9,522	4,565	3,320	106,835	10,203	191
1950.....	23,568	3,812	5,116	7,877	1,600	27,697	20,471	9,571	8,196	3,986	111,894	11,337	201
1951.....	23,060	3,922	5,598	8,968	1,697	27,273	20,363	8,619	8,949	4,661	113,090	11,678	207
1952.....	23,549	3,986	6,502	9,823	1,705	23,545	19,122	8,412	9,841	4,472	110,957	11,509	207
1953.....	23,896	3,951	6,059	10,119	1,681	22,707	19,017	8,295	10,893	5,063	111,681	11,636	208
1954.....	23,462	3,827	6,539	10,365	1,699	25,159	18,895	7,059	11,349	4,910	115,263	11,593	205
1955.....	22,912	3,639	6,690	10,423	1,670	26,035	18,508	7,238	13,967	5,740	116,822	12,601	216
1956.....	22,375	3,533	6,908	9,990	1,647	24,651	18,957	6,050	15,048	6,091	115,200	13,212	229
1957.....	21,265	3,446	6,656	9,964	1,661	24,422	18,224	6,475	17,249	5,948	115,310	13,813	240
1958.....	20,132	3,407	7,448	10,468	1,749	27,132	18,806	5,930	18,056	6,319	119,447	15,102	253
1959.....	19,527	3,429	8,545	10,958	1,790	25,908	18,068	5,035	18,837	6,331	118,428	14,730	249
1960.....	19,794	3,338	9,062	11,188	1,755	25,326	17,835	5,170	20,705	8,090	121,763	15,487	254
1961.....	18,997	3,233	9,585	11,709	1,672	25,860	18,375	4,858	21,020	7,037	122,346	16,160	264
1962.....	18,435	3,073	10,937	12,504	1,551	26,528	18,280	4,775	21,826	7,117	125,026	16,588	265
1963.....	17,731	2,886	11,101	13,477	1,431	25,794	18,603	4,796	22,387	7,623	125,831	16,545	262
1964.....	17,078	2,729	11,257	13,982	1,331	23,550	19,194	4,594	24,145	7,959	125,819	16,542	263
1965.....	16,101	2,552	11,917	14,036	1,290	22,758	19,190	5,195	26,586	8,707	128,332	17,504	273
1966.....	15,319	2,456	12,718	14,063	1,257	25,158	20,806	4,947	26,759	9,532	133,015	17,761	267
1967.....	14,774	2,414	12,878	14,242	1,174	25,954	20,755	4,601	26,794	8,020	131,606	17,787	270
1968 3/.....	14,258	2,385	14,236	14,201	1,126	26,145	20,439	4,900	27,862	8,337	133,889	18,550	277
1969 4/.....	13,683	2,365	15,008	14,115	1,088	26,980	20,593	4,983	29,887	8,451	137,153	19,542	287

1/ The following factors were applied to grain-consuming animal units (base period 1959-61) to calculate the high-protein animal units: Milk cows, 1.00; Other dairy cattle, 1.28; Cattle on feed, .58; Other beef cattle, 2.39; Sheep, 1.76; Hogs, .73; Hens and pullers, 1.42; Chickens raised for replacements, 1.67; Broilers, 3.15; Turkeys, 2.42.

2/ In terms of 44 percent protein, soybean meal equivalent.

3/ Preliminary.

4/ Estimated, based on conditions in July 1969.

5/ Not available.

Table 59.--High-protein-animal units: Percentage from each kind of livestock, 1940-69

Year beginning Oct. 1	Milk cows	Other dairy cattle	Cattle on feed	Other beef cattle	Sheep	Hogs	Hens and pullets	Chickens raised	Broilers	Turkeys	Total
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1940.....	25.3	3.8	4.6	5.6	3.3	22.2	19.4	11.4	2.0	2.4	100.0
1941.....	24.0	3.7	4.3	5.6	3.1	23.1	20.0	11.8	2.2	2.2	100.0
1942.....	22.0	3.4	4.1	5.5	2.7	25.2	20.3	12.5	2.4	1.9	100.0
1943.....	22.4	3.5	3.7	6.0	2.5	25.5	21.7	10.3	2.3	2.1	100.0
1944.....	23.9	3.6	4.3	6.5	2.4	20.5	20.9	11.8	3.3	2.8	100.0
1945.....	23.9	3.5	4.3	6.7	2.3	21.9	21.8	10.2	2.7	2.7	100.0
1946.....	24.4	3.6	4.6	6.8	2.1	21.8	20.9	10.4	3.0	2.4	100.0
1947.....	24.2	3.7	4.2	6.8	2.0	22.7	21.0	9.3	3.8	2.3	100.0
1948.....	22.6	3.5	4.8	6.6	1.8	23.1	19.4	10.3	5.0	2.9	100.0
1949.....	22.3	3.5	4.6	6.7	1.7	24.6	20.3	8.9	4.3	3.1	100.0
1950.....	21.1	3.4	4.6	7.0	1.4	24.7	18.3	8.6	7.3	3.6	100.0
1951.....	20.4	3.5	5.0	7.9	1.5	24.1	18.0	7.6	7.9	4.1	100.0
1952.....	21.2	3.6	5.9	8.9	1.5	21.2	17.2	7.6	8.9	4.0	100.0
1953.....	21.4	3.6	5.4	9.1	1.5	20.3	17.0	7.4	9.8	4.5	100.0
1954.....	20.7	3.4	5.8	9.2	1.5	22.2	16.7	6.2	10.0	4.3	100.0
1955.....	19.6	3.1	5.7	8.9	1.4	22.3	15.9	6.2	12.0	4.9	100.0
1956.....	19.4	3.1	6.0	8.7	1.4	21.4	16.4	5.2	13.1	5.3	100.0
1957.....	18.4	3.0	5.8	8.6	1.4	21.2	15.8	5.6	15.0	5.2	100.0
1958.....	16.9	2.8	6.2	8.8	1.5	22.7	15.7	5.0	15.1	5.3	100.0
1959.....	16.5	2.9	7.2	9.2	1.5	21.9	15.3	4.3	15.9	5.3	100.0
1960.....	15.9	2.7	7.4	9.2	1.4	20.8	14.7	4.3	17.0	6.6	100.0
1961.....	15.5	2.7	7.8	9.6	1.3	21.1	15.0	4.0	17.2	5.8	100.0
1962.....	14.7	2.5	8.7	10.0	1.3	21.2	14.6	3.8	17.5	5.7	100.0
1963.....	14.1	2.3	8.8	10.7	1.1	20.5	14.8	3.8	17.8	6.1	100.0
1964.....	13.6	2.2	8.9	11.1	1.1	18.7	15.3	3.6	19.2	6.3	100.0
1965.....	12.6	2.0	9.3	10.9	1.0	17.7	15.0	4.0	20.7	6.8	100.0
1966.....	11.5	1.9	9.6	10.6	.9	18.9	15.6	3.7	20.1	7.2	100.0
1967.....	11.2	1.8	9.8	10.8	.9	19.7	15.8	3.5	20.4	6.1	100.0
1968.....	10.7	1.8	10.6	10.6	.8	19.5	15.3	3.7	20.8	6.2	100.0
1969.....	10.0	1.7	10.9	10.3	.8	19.7	15.0	3.6	21.8	6.2	100.0

Table 60.--Consumption of feed, by kinds of livestock, 1960-68

Year beginning Oct. 1	ALL LIVESTOCK						Roughages	
	Concentrates					Total	Hay	Other harvested forage 5/
	Corn 1/	Sorghum grains	Other grains 2/	High protein 3/	Other byproduct feeds 4/			
1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	
1960.....	89,561	11,648	23,514	16,059	12,109	152,891	112,020	109,906
1961.....	92,608	11,515	21,153	16,806	12,209	154,291	122,173	103,679
1962.....	91,400	10,967	21,248	17,241	12,288	153,144	116,666	116,242
1963.....	87,339	13,210	20,610	17,250	12,758	151,167	120,842	120,861
1964.....	85,560	11,523	20,811	17,325	12,657	147,876	122,020	120,266
1965.....	96,645	15,902	20,357	18,412	12,436	163,752	119,406	123,074
1966.....	94,706	16,814	20,980	18,413	12,426	163,339	121,792	122,521
1967.....	98,871	14,873	20,497	18,328	12,367	164,936	123,074	124,506
1968 6/.....	106,909	16,700	23,900	19,325	12,851	179,685	126,705	119,992
MILK COWS								
1960.....	10,755	797	5,998	2,623	2,865	23,038	57,756	63,788
1961.....	11,424	933	5,996	2,477	3,042	23,872	56,832	60,126
1962.....	11,384	1,094	6,046	2,572	2,961	24,157	55,447	63,699
1963.....	11,631	1,103	5,700	2,925	3,169	24,528	51,650	61,591
1964.....	12,364	1,096	5,341	2,982	3,117	24,900	49,359	64,583
1965.....	13,274	1,580	4,727	2,973	2,838	25,392	46,145	65,683
1966.....	12,324	1,962	5,200	2,763	3,163	25,412	42,959	63,374
1967.....	12,741	1,879	4,977	2,822	3,348	25,767	43,346	65,111
1968 6/.....	12,308	2,027	5,309	2,751	3,529	25,924	41,842	65,434
OTHER DAIRY CATTLE 7/								
1960.....	1,166	213	975	488	588	3,430	13,256	6,074
1961.....	1,248	231	928	445	627	3,479	15,250	6,459
1962.....	1,238	321	827	434	565	3,385	13,052	7,478
1963.....	1,227	319	823	307	537	3,213	13,628	8,529
1964.....	1,156	284	715	353	491	2,999	13,305	7,748
1965.....	1,179	289	728	355	444	2,995	12,461	7,389
1966.....	1,108	305	767	334	448	2,962	12,894	8,165
1967.....	1,150	295	667	323	419	2,854	12,570	6,357
1968 6/.....	1,122	294	731	320	422	2,809	13,601	5,860
CATTLE ON FEED 7/								
1960.....	8,921	2,262	2,057	1,087	1,173	15,500	7,750	8,576
1961.....	10,099	2,441	1,683	1,422	1,245	16,890	9,932	10,216
1962.....	11,772	2,225	2,315	1,699	1,635	19,646	9,697	13,333
1963.....	11,797	3,700	2,374	1,648	1,369	20,888	11,292	16,824
1964.....	11,730	3,123	3,636	1,864	1,493	21,846	12,512	15,551
1965.....	13,859	5,026	2,616	1,764	1,520	24,785	13,570	16,503
1966.....	15,246	5,408	3,268	1,503	1,589	27,034	15,295	19,459
1967.....	17,276	4,500	4,384	1,289	1,518	28,967	15,755	21,190
1968 6/.....	20,504	5,732	5,085	1,385	1,640	34,346	15,786	19,359

See footnotes at end of table.

Table 60.--Consumption of feed, by kinds of livestock, 1960-68--Continued

OTHER BEEF CATTLE 2/

Year beginning Oct. 1	Concentrates					Total	Roughages	
	Corn 1/ tons	Sorghum grains tons	Other grains 2/ tons	High protein 3/ tons	Other byproduct feeds 4/ tons		Hay tons	Other harvested forage 5/ tons
1960.....	3,090	642	1,295	1,220	1,411	7,658	27,620	26,105
1961.....	2,824	743	1,246	1,579	1,484	7,876	34,257	22,084
1962.....	2,734	1,150	1,043	1,477	1,435	7,839	32,723	26,759
1963.....	3,279	1,170	1,172	1,260	1,469	8,350	38,529	29,237
1964.....	3,371	1,010	1,081	1,389	1,558	8,409	40,876	27,779
1965.....	3,438	1,039	1,112	1,326	1,614	8,529	41,273	28,737
1966.....	3,368	1,037	1,133	1,296	1,245	8,079	44,476	26,172
1967.....	3,441	1,115	1,090	1,314	1,265	8,225	45,069	27,546
1968 6/.....	3,514	1,194	1,240	1,353	1,334	8,635	48,832	25,643

SHEEP

1960.....	397	101	214	238	---	950	1,348	2,423
1961.....	400	112	205	221	---	938	1,459	1,854
1962.....	438	114	212	249	---	1,013	1,264	2,033
1963.....	389	102	192	306	---	989	1,264	1,955
1964.....	359	85	169	282	---	895	1,196	1,880
1965.....	361	85	171	272	---	889	1,171	2,037
1966.....	339	79	155	274	---	847	1,210	1,626
1967.....	304	73	143	260	---	780	1,158	1,577
1968 6/.....	302	79	163	263	---	807	1,253	1,681

HENS AND PULLETS 7/

1960.....	5,112	1,823	3,595	2,282	2,470	15,282	---	---
1961.....	5,892	2,047	3,378	2,276	2,520	16,113	---	---
1962.....	5,814	2,177	3,145	2,267	2,184	15,587	---	---
1963.....	5,890	2,244	3,168	2,256	2,178	15,736	---	---
1964.....	5,758	2,115	3,283	2,284	2,061	15,501	---	---
1965.....	6,240	2,432	3,538	2,291	2,013	16,514	---	---
1966.....	6,713	3,302	3,327	2,258	1,915	17,515	---	---
1967.....	7,099	3,138	2,920	2,397	1,960	17,514	---	---
1968 6/.....	7,345	3,414	3,082	2,431	2,015	18,287	---	---

CHICKENS RAISED

1960.....	1,138	883	1,163	703	273	4,160	---	---
1961.....	988	968	1,108	679	266	4,009	---	---
1962.....	968	939	1,096	672	260	3,935	---	---
1963.....	934	902	1,055	698	247	3,836	---	---
1964.....	1,113	802	918	681	233	3,747	---	---
1965.....	1,403	854	977	968	234	4,436	---	---
1966.....	1,217	762	922	939	183	4,059	---	---
1967.....	1,287	613	718	958	189	3,765	---	---
1968 6/.....	1,401	655	749	1,027	193	4,025	---	---

See footnotes at end of table.

Table 60.--Consumption of feed, by kinds of livestock, 1960-68--Continued

BROILERS 7/

Year beginning Oct. 1	Concentrates					Total	Roughages	
	Corn 1/	Sorghum grains	Other grains 2/	High protein 3/	Other byproduct Feeds 4/		Hay	Other harvested forage 5/
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1960.....	4,679	531	69	2,672	461	8,412	---	---
1961.....	5,068	618	69	2,636	458	8,849	---	---
1962.....	5,462	599	70	2,771	452	9,354	---	---
1963.....	5,361	587	72	3,084	515	9,619	---	---
1964.....	5,754	375	111	3,073	496	9,809	---	---
1965.....	7,032	442	228	3,425	587	11,714	---	---
1966.....	7,199	450	231	3,614	600	12,094	---	---
1967.....	7,048	457	233	3,732	519	11,989	---	---
1968 6/.....	7,354	511	207	3,923	580	12,575	---	---

TURKEYS 7/

1960.....	2,852	476	247	1,060	134	4,769	---	---
1961.....	2,369	520	244	905	119	4,157	---	---
1962.....	2,673	534	249	929	123	4,508	---	---
1963.....	2,651	507	236	991	123	4,508	---	---
1964.....	2,852	481	254	925	114	4,626	---	---
1965.....	3,168	504	267	1,056	130	5,125	---	---
1966.....	3,336	550	291	1,077	124	5,378	---	---
1967.....	2,653	453	248	1,026	112	4,492	---	---
1968 6/.....	2,735	502	229	1,060	124	4,650	---	---

HOGS 7/

1960.....	38,951	1,299	5,383	3,235	1,499	50,367	---	---
1961.....	43,740	1,482	3,904	3,691	1,208	54,024	---	---
1962.....	43,495	1,394	3,771	3,557	1,242	53,459	---	---
1963.....	39,203	2,294	3,832	3,221	1,711	50,261	---	---
1964.....	35,815	1,822	3,213	2,906	1,601	45,357	---	---
1965.....	33,777	2,680	3,756	3,183	1,712	45,108	---	---
1966.....	38,694	2,640	3,666	3,248	1,649	49,897	---	---
1967.....	40,833	1,910	3,002	2,974	1,521	50,240	---	---
1968 6/.....	42,624	1,821	3,355	3,035	1,446	52,281	---	---

HORSES AND MULES

1960.....	908	20	635	---	131	1,694	3,456	2,940
1961.....	935	21	609	---	130	1,695	3,456	2,940
1962.....	935	21	609	---	130	1,695	3,456	2,940
1963.....	882	22	549	---	130	1,583	3,357	2,725
1964.....	885	43	544	---	111	1,583	3,357	2,725
1965.....	885	43	544	---	111	1,583	3,357	2,725
1966.....	885	43	544	---	111	1,583	3,357	2,725
1967.....	885	43	544	---	111	1,583	3,357	2,725
1968 6/.....	885	43	544	---	111	1,583	3,357	2,015

See footnotes at end of table.

Table 60.--Consumption of feed, by kinds of livestock, 1960-68--Continued

OTHER LIVESTOCK 7/

Year beginning Oct. 1	Concentrates					Total	Roughages	
	Corn 1/	Sorghum grains	Other grains 2/	High protein 3/	Other byproduct feeds 4/		Hay	Other harvested forage 5/
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1960.....	3,400	200	1,395	451	1,104	6,550	834	---
1961.....	3,402	218	1,341	475	1,110	6,546	987	---
1962.....	3,726	235	1,335	514	1,301	7,111	1,027	---
1963.....	4,096	260	1,437	554	1,310	7,657	1,122	---
1964.....	4,404	287	1,546	586	1,382	8,205	1,415	---
1965.....	4,535	314	1,693	799	1,233	8,574	1,429	---
1966.....	4,242	276	1,476	1,107	1,399	8,500	1,601	---
1967.....	4,154	397	1,571	1,233	1,405	8,760	1,819	---
1968 6/.....	5,379	428	1,770	1,777	1,457	10,811	2,034	---

UNALLOCATED 8/

1960.....	8,194	2,401	488	---	---	11,083	---	---
1961.....	4,222	1,181	442	---	---	5,845	---	---
1962.....	760	164	530	---	---	1,454	---	---
1963.....	---	---	---	---	---	---	---	---
1964.....	---	---	---	---	---	---	---	---
1965.....	7,495	614	---	---	---	8,109	---	---
1966.....	---	---	---	---	---	---	---	---
1967.....	---	---	---	---	---	---	---	---
1968 6/.....	1,436	---	1,436	---	---	2,872	---	---

1/ Corn for forage was added to corn fed as grain in these amounts: 1960, 2,314,000 tons; 1961, 1,999,000 tons; 1962, 1,939,000 tons; 1963, 1,971,000 tons; 1964, 1,819,000 tons; 1965, 1,807,000 tons; 1966, 1,469,000 tons; 1967, 1,811,000 tons; 1968, 1,405,000 tons. 2/ Includes oats, barley, wheat, and rye. 3/ Includes oilseed meals, animal proteins, and grain proteins. 4/ Includes wheat and rice millfeeds, seeds, skim milk, hominy, and other byproduct feeds. 5/ Includes straw, silage, and beet pulp. 6/ Preliminary - subject to revision. 7/ Fats fed to livestock were converted to corn equivalents and added to corn. 8/ Probably includes some waste and other losses.

Table 61.--Consumption of feed in feed units, by kinds of livestock, 1960-68 1/

ALL LIVESTOCK

Year beginning Oct. 1	Concentrates					Roughages			All feed	
	Coru	Sorghum grains	Other grains	High protein	Other by-product feeds	Total	Hay	Other harvested forage		Pasture
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons		1,000 tons
1960.....	89,561	11,020	21,428	28,084	11,163	161,256	45,727	20,987	121,178	349,148
1961.....	92,611	10,894	19,310	29,734	11,021	163,570	49,929	18,887	120,147	352,533
1962.....	91,399	10,416	19,330	30,690	11,101	162,936	47,676	21,228	122,430	354,270
1963.....	87,340	12,460	18,801	30,623	11,489	160,713	49,442	21,663	127,806	359,624
1964.....	85,561	10,886	19,169	30,675	11,206	157,497	49,952	21,597	136,601	365,647
1965.....	96,646	14,971	18,817	32,340	11,119	173,893	48,909	22,341	152,851	397,994
1966.....	94,707	15,848	19,419	32,227	10,971	173,172	49,923	20,906	153,645	397,646
1967.....	98,871	14,066	19,033	31,893	10,851	174,714	50,451	21,490	158,275	404,930
1968 2/.....	106,909	15,781	22,222	33,425	11,220	189,557	51,960	20,676	155,480	417,671

MILK COWS

1960.....	10,754	797	5,503	3,874	2,462	23,391	23,391	10,375	14,439	71,596
1961.....	11,424	933	5,506	3,668	2,625	24,156	23,017	9,757	13,782	70,712
1962.....	11,384	1,094	5,571	3,980	2,530	24,559	22,456	10,340	13,082	70,437
1963.....	11,631	1,103	5,237	4,363	2,700	25,034	20,918	9,990	12,824	68,766
1964.....	12,364	1,096	4,945	4,437	2,639	25,481	19,990	10,477	13,104	69,052
1965.....	13,274	1,580	4,434	4,407	2,380	26,075	18,689	10,659	16,288	71,711
1966.....	12,324	1,962	4,845	4,078	2,635	25,844	17,398	10,265	15,792	69,299
1967.....	12,741	1,79	4,647	4,168	2,774	26,209	17,555	10,543	15,363	69,670
1968 2/.....	12,308	2,027	4,949	4,050	2,911	26,245	16,946	10,591	14,190	67,972

OTHER DAIRY CATTLE 3/

1960.....	1,166	213	892	732	922	3,925	5,369	1,002	11,845	22,141
1961.....	1,248	231	849	669	999	3,996	6,176	1,053	11,163	22,388
1962.....	1,238	321	758	653	884	3,854	5,286	1,221	10,429	20,790
1963.....	1,227	319	754	453	845	3,598	5,519	1,387	10,092	20,596
1964.....	1,156	284	656	521	734	3,351	5,389	1,260	10,159	20,159
1965.....	1,179	289	667	524	654	3,313	5,047	1,204	9,257	18,821
1966.....	1,108	305	703	493	610	3,219	5,222	1,322	9,122	18,885
1967.....	1,150	295	613	477	560	3,095	5,091	1,025	9,089	18,303
1968 2/.....	1,122	294	672	472	558	3,118	5,508	947	8,578	18,151

CATTLE ON FEED 3/

1960.....	8,921	2,081	1,808	2,686	858	16,354	3,216	1,378	2,601	23,549
1961.....	10,099	2,246	1,480	3,477	917	18,219	4,122	1,645	2,671	26,657
1962.....	11,772	2,047	2,040	4,161	1,253	21,273	4,024	2,149	3,012	30,458
1963.....	11,797	3,404	2,088	4,014	1,014	22,317	4,686	2,713	3,087	32,803
1964.....	11,730	2,873	3,211	4,517	1,047	23,378	5,192	2,508	3,321	34,399
1965.....	13,859	4,624	2,311	4,272	1,143	26,209	5,632	2,661	2,269	36,771
1966.....	15,246	4,975	2,926	3,621	1,191	27,959	6,347	2,655	2,379	39,340
1967.....	17,276	4,140	4,059	3,078	1,130	29,683	6,538	3,421	2,676	42,318
1968 2/.....	20,504	3,273	4,706	5,315	1,219	35,017	6,551	3,122	2,918	47,608

See footnotes at end of table.

Table 61.--Consumption of feed in feed units, by kinds of livestock, 1960-68 1/--Continued

Year beginning Oct. 1	OTHER BEEF CATTLE 3/						Roughages			All feed
	Concentrates					Total	Hay	Other harvested forage	Pasture	
	Corn	Sorghum grains	Other grains	High protein	Other byproduct feeds					
1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	
1960.....	3,090	642	1,295	1,818	1,152	7,997	11,462	6,695	74,163	100,317
1961.....	2,824	743	1,246	2,356	1,074	8,243	14,217	4,995	75,378	102,833
1962.....	2,734	1,150	1,043	2,203	1,130	8,260	13,580	6,041	79,429	107,310
1963.....	3,279	1,170	1,172	1,877	1,161	8,659	15,990	6,174	85,758	116,581
1964.....	3,371	1,010	1,081	2,070	1,220	8,752	16,964	5,973	93,749	125,438
1965.....	3,438	1,039	1,112	1,974	1,267	8,830	17,128	6,403	95,463	127,824
1966.....	3,368	1,037	1,133	1,930	969	8,637	18,458	5,321	95,779	127,995
1967.....	3,441	1,115	1,090	1,955	982	8,583	18,704	5,159	100,013	132,459
1968 2/.....	3,514	1,194	1,240	2,014	1,034	8,996	20,265	4,890	99,018	133,169
SHEEP AND GOATS										
1960.....	397	101	178	500	---	1,176	573	471	11,546	13,766
1961.....	400	112	171	464	---	1,147	620	371	10,756	12,894
1962.....	438	114	176	522	---	1,250	537	411	10,165	12,363
1963.....	389	102	160	642	---	1,293	537	409	9,729	11,968
1964.....	359	85	141	592	---	1,177	508	389	9,786	11,860
1965.....	361	85	144	571	---	1,161	498	424	11,349	13,532
1966.....	339	79	129	576	---	1,123	515	353	10,833	12,824
1967.....	304	73	119	546	---	1,042	492	349	10,394	12,277
1968 2/.....	302	79	136	553	---	1,070	533	384	9,557	11,544
HENS AND PULLETS 2/										
1960.....	5,112	1,732	3,277	3,698	2,236	16,055	---	---	263	16,318
1961.....	5,892	1,945	3,064	3,702	2,277	16,880	---	---	263	17,143
1962.....	5,814	2,068	2,841	3,684	1,966	16,373	---	---	259	16,632
1963.....	5,890	2,132	2,872	3,675	1,961	16,530	---	---	267	16,797
1964.....	5,758	2,009	3,072	3,725	1,855	16,419	---	---	292	16,711
1965.....	6,240	2,310	3,325	3,736	1,810	17,421	---	---	598	18,019
1966.....	6,713	3,137	3,116	3,733	1,718	18,417	---	---	550	19,067
1967.....	7,099	2,981	2,698	3,968	1,764	18,510	---	---	667	19,177
1968 2/.....	7,345	3,243	2,827	4,024	1,810	19,249	---	---	651	19,900
CHICKENS RAISED										
1960.....	1,138	839	1,066	1,192	269	4,504	---	---	207	4,711
1961.....	988	920	1,017	1,152	263	4,340	---	---	189	4,529
1962.....	968	892	1,006	1,140	252	4,258	---	---	184	4,442
1963.....	934	857	968	1,191	241	4,191	---	---	187	4,378
1964.....	1,113	762	859	1,166	227	4,127	---	---	189	4,316
1965.....	1,403	811	915	1,594	227	4,950	---	---	220	5,170
1966.....	1,253	724	876	1,556	184	4,593	---	---	210	4,803
1967.....	1,287	582	685	1,592	195	4,341	---	---	201	4,542
1968 2/.....	1,401	622	706	1,700	197	4,626	---	---	212	4,838

See footnotes at end of table.

Table 61.--Consumption of feed in feed units, by kinds of livestock, 1960-68 1/--Continued

BROILERS 3/

Year beginning Oct. 1	Concentrates					Total	Roughages			All feed
	Corn	Sorghum grains	Other grains	High protein	Other byproduct feeds		Hay	Other harvested forage	Pasture	
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons		1,000 tons	1,000 tons	1,000 tons	
1960.....	4,679	504	72	4,138	392	9,785	---	---	---	9,785
1961.....	5,058	587	72	4,084	389	10,200	---	---	---	10,200
1962.....	5,462	569	74	4,312	384	10,801	---	---	---	10,801
1963.....	5,361	558	76	4,816	438	11,249	---	---	---	11,249
1964.....	5,754	356	117	4,800	422	11,449	---	---	---	11,449
1965.....	7,032	420	239	5,371	489	13,561	---	---	---	13,561
1966.....	7,199	428	243	5,611	508	13,989	---	---	---	13,989
1967.....	7,048	434	245	5,828	441	13,996	---	---	---	13,996
1968 2/.....	7,354	485	217	6,122	493	14,671	---	---	---	14,671

TURKEYS 3/

1960.....	2,851	452	231	1,715	106	5,355	---	---	246	1,601
1961.....	2,369	494	229	1,467	93	4,652	---	---	204	4,856
1962.....	2,673	507	234	1,506	96	5,016	---	---	207	5,223
1963.....	2,651	482	222	1,618	96	5,069	---	---	223	5,292
1964.....	2,852	457	258	1,518	89	5,174	---	---	249	5,423
1965.....	3,168	479	272	1,707	102	5,728	---	---	265	5,993
1966.....	3,336	522	297	1,762	97	6,014	---	---	287	6,301
1967.....	2,653	430	254	1,674	87	5,098	---	---	249	5,347
1968 2/.....	2,735	477	233	1,730	96	5,271	---	---	254	5,525

HOGS 3/

1960.....	38,951	1,169	4,899	7,013	1,697	53,729	---	---	2,554	56,283
1961.....	43,740	1,334	3,579	7,945	1,309	57,907	---	---	2,526	60,433
1962.....	43,495	1,255	3,412	7,717	1,362	57,241	---	---	2,481	59,722
1963.....	39,203	2,065	3,521	7,099	1,784	53,672	---	---	2,516	56,188
1964.....	35,815	1,640	2,999	6,401	1,682	48,537	---	---	2,438	50,975
1965.....	33,777	2,412	3,440	6,941	1,872	48,442	---	---	3,426	61,868
1966.....	36,694	2,376	3,381	7,160	1,747	53,358	---	---	14,873	68,231
1967.....	40,833	1,719	2,770	6,709	1,600	53,631	---	---	15,791	69,422
1968 2/.....	42,624	1,639	3,080	6,731	1,540	55,614	---	---	16,308	71,922

HORSES AND MULES

1960.....	908	19	572	---	109	1,608	1,382	1,066	3,314	7,370
1961.....	935	20	549	---	109	1,613	1,382	1,066	3,215	7,276
1962.....	935	20	549	---	109	1,613	1,382	1,066	3,182	7,243
1963.....	882	21	495	---	108	1,506	1,343	990	3,123	6,962
1964.....	885	41	490	---	91	1,507	1,343	990	3,314	7,154
1965.....	885	41	490	---	91	1,507	1,343	990	3,716	7,556
1966.....	885	41	490	---	91	1,507	1,343	990	3,720	7,560
1967.....	885	41	491	---	91	1,508	1,343	990	3,832	7,673
1968 2/.....	885	41	491	---	91	1,508	1,343	742	3,794	7,387

See footnotes at end of table.

Table 61.--Consumption of feed in feed units, by kinds of livestock, 1960-68 1/--Continued

OTHER LIVESTOCK 2/

Year beginning Oct. 1	Concentrates						Roughages			All feed tons
	Corn	Sorghum grains	Other grain	High protein	Other byproduct feeds	Total	Hay	Other harvested forage	Pasture	
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	
1960.....	3,399	190	1,196	718	960	6,463	334	---	---	6,797
1961.....	3,402	207	1,150	750	966	6,475	395	---	---	6,870
1962.....	3,726	222	1,149	812	1,135	7,045	411	---	---	7,456
1963.....	4,096	247	1,236	875	1,141	7,595	449	---	---	8,044
1964.....	4,404	273	1,340	928	1,200	8,145	566	---	---	8,711
1965.....	4,535	298	1,468	1,243	1,074	8,618	572	---	---	9,190
1966.....	4,222	262	1,280	1,707	1,221	8,712	640	---	---	9,352
1967.....	4,154	377	1,362	1,898	1,227	9,018	728	---	---	9,746
1968 2/.....	5,379	407	1,529	2,714	1,271	11,300	814	---	---	12,114
UNALLOCATED 4/										
1960.....	8,194	2,281	439	---	---	10,914	---	---	---	10,914
1961.....	4,222	1,122	398	---	---	5,742	---	---	---	5,742
1962.....	760	156	477	---	---	1,393	---	---	---	1,393
1963.....	---	---	---	---	---	---	---	---	---	---
1964.....	---	---	---	---	---	---	---	---	---	---
1965.....	7,495	583	---	---	---	8,078	---	---	---	8,078
1966.....	---	---	---	---	---	---	---	---	---	---
1967.....	---	---	---	---	---	---	---	---	---	---
1968 2/.....	1,436	---	1,436	---	---	2,872	---	---	---	2,872

1/ Data in this table were obtained by converting the tons of various kinds of feed in table 60 to feed units (corn equivalents).

2/ Preliminary - subject to revision.

3/ See footnote 7, table 60.

4/ See footnote 8, table 60.

APPENDIX

Table A.--Factors for grain-consuming animal units, by States 1/

State	Cattle on farms Jan. 1			Stock sheep on farms Jan. 1	Sheep and lambs on feed	Horses and mules on farms Jan. 1		Hogs fed during year 3/	Hens and pullets on farms Jan. 1	Chickens raised for replacements	Broilers produced during year	Turkeys raised during year		
	Milk cows and heifers 2/	and heifer calves and kept for milk	All other cattle on feed			2 years old and over	Colts					Heavy	Light	
Maine	1.1832	.2882	---	.1603	.0445	---	.2004	.0601	.2184	.0457	.0100	.0044	.0321	.0140
New Hampshire	1.0365	.2830	---	.1335	.0481	---	.2004	.0601	.4713	.0405	.0124	.0040	.0297	---
Vermont	.9255	.2737	---	.2004	.0669	---	.1603	.0601	.4244	.0397	.0116	.0032	.0285	---
Massachusetts	1.2661	.2934	---	.1780	.0669	---	.1603	.0601	.1363	.0417	.0116	.0040	.0317	.0140
Rhode Island	1.2525	.3206	---	.1780	.0511	---	.1603	.0601	.2004	.0428	.0096	.0036	.0333	.0140
Connecticut	1.1487	.3030	---	.2004	.0501	---	.2004	.0501	.1852	.0425	.0104	.0032	.0349	.0140
New York	1.2236	.1719	1.6224	.1820	.0429	.0349	.1639	.0601	.3868	.0373	.0096	.0041	.0313	.0140
New Jersey	1.1170	.5459	---	.1852	.0501	---	.1766	.0601	.2289	.0397	.0096	.0055	.0317	.0140
Pennsylvania	1.1774	.3804	1.6224	.1447	.0385	---	.4261	.0601	.3852	.0373	.0092	.0040	.0337	.0140
Delaware	1.0621	.2862	---	.1335	.0501	---	.2673	.0601	.4088	.0401	.0116	.0041	.0337	.0140
Maryland	1.0665	.3042	1.6224	.1583	.0421	---	.2136	.0601	.2557	.0381	.0104	.0039	.0351	.0140
Michigan	.5631	.2894	2.0313	.1006	.0625	.0553	.4008	.0601	.3760	.0365	.0104	.0058	.0305	.0160
Wisconsin	.9956	.2617	1.9868	.2485	.0701	.0669	.4008	.0601	.3868	.0361	.0076	.0047	.0228	.0140
Minnesota	1.0257	.3367	2.2120	.0950	.0645	.0529	.3936	.0601	.4196	.0365	.0100	.0040	.0320	.0140
Ohio	1.1683	.2268	1.7299	.0958	.0521	.0669	.4453	.0601	.3202	.0385	.0104	.0036	.0337	.0144
Indiana	.9928	.2196	1.7856	.0826	.0541	.4096	.4096	.0601	.3876	.0353	.0096	.0032	.0309	.0149
Illinois	1.1046	.2136	2.2369	.0850	.0413	.0461	.3643	.0601	.4088	.0365	.0088	.0031	.0327	.0121
Iowa	1.1824	.2148	2.1828	.0978	.0469	.0509	.3812	.0601	.3792	.0385	.0080	.0049	.0313	.0140
Missouri	.8902	.1511	1.9030	.0261	.0441	.0561	.4445	.0601	.3796	.0361	.0080	.0032	.0341	.0140
North Dakota	.7463	.2096	1.4301	.1331	.0148	.0561	.3796	.0601	.3788	.0381	.0104	---	.0341	.0140
South Dakota	.7359	.1957	1.5122	.0922	.0116	.0513	.4293	.0601	.4349	.0309	.0092	---	.0353	.0148
Nebraska	1.0064	.2052	1.9038	.0930	.0128	.0557	.4257	.0601	.4276	.0349	.0092	.0033	.0389	.0140
Kansas	.9475	.2204	1.8802	.0770	.0585	.0549	.1459	.0601	.4168	.0369	.0088	.0034	.0365	.0144
Virginia	.9567	.3892	1.9868	.0493	.0297	---	.2549	.0601	.3723	.0349	.0108	.0030	.0293	.0116
West Virginia	.6445	.3158	---	.1082	.0593	---	.4220	.0601	.4629	.0361	.0112	.0054	.0280	.0136
North Carolina	.8541	.3431	1.8806	.1050	.0581	---	.4192	.0601	.3579	.0365	.0084	.0030	.0341	.0140
Kentucky	.8657	.1832	1.9399	.1006	.0593	---	.4473	.1002	.4020	.0341	.0096	.0032	.0365	.0140
Kentucky	.9431	.3603	1.8894	.1014	.0293	---	.2633	.0601	.3715	.0349	.0112	.0033	.0317	.0140
South Carolina	.8345	.3223	1.9539	.1094	.0729	---	.4810	.0801	.3347	.0361	.0092	.0033	.0377	.0140
Georgia	.8285	.2208	1.9238	.399	.0297	---	.5234	.0601	.3214	.0357	.0080	.0032	.0365	.0140
Florida	2.0096	.9920	1.8124	.0701	.0297	---	.4934	.0801	.3122	.0341	.0080	.0032	.0305	.0148
Alabama	.5788	.2373	1.5142	.1467	.0445	---	.6693	.0801	.3587	.0321	.0088	.0036	.0400	.0140
Mississippi	.6657	.2281	1.4429	.1335	.0445	---	.6681	.0801	.3214	.0305	.0084	.0029	.0400	.0140
Arkansas	.7784	.2489	1.2894	.1351	.0377	---	.6224	.0801	.3390	.0417	.0116	.0027	.0349	.0148
Louisiana	.3379	.3072	1.4028	.1307	.0345	---	.6080	.0601	.2778	.0377	.0096	.0030	.0437	.0140
Oklahoma	1.1123	.2144	1.8822	.0573	.0397	.0617	.4401	.0601	.3768	.0345	.0084	.0039	.0361	.0152
Texas	.9395	.2124	2.1495	.0257	.0168	.0681	.4060	.0601	.3675	.0297	.0092	.0029	.0313	.0148
Montana	.5343	.0701	1.7864	.0770	.0144	.0457	.4257	.0601	.3442	.0329	.0068	---	.0341	---
Idaho	.6822	.2344	1.6148	.0128	.0144	.0685	.4188	.0601	.3764	.0369	.0084	.0029	.0337	.0140
Wyoming	.5727	.0669	1.6469	.0469	.0130	.0573	.4180	.0601	.2860	.0361	.0076	---	.0301	.0140
Colorado	1.0425	.2024	2.2601	.0513	.0088	.0549	.2629	.0601	.3900	.0349	.0088	.0034	.0313	.0140
New Mexico	.7495	.1936	1.7218	.0922	.0385	.0553	.7247	.0601	.4235	.0337	.0084	---	.0353	.0140
Arizona	1.1647	.2060	1.4128	.0926	.0389	.0473	.7347	.0601	.4008	.0371	.0088	.0023	.0413	---
Utah	.7940	.1888	1.5767	.0930	.0385	.0553	.5727	.0601	.3507	.0337	.0084	.0035	.0389	.0168
Nevada	.6601	.1780	1.1022	.0930	.0105	.0669	.5010	.0601	.3739	.0285	.0084	---	.0381	---
Washington	.7463	.1379	1.5751	.0577	.0164	.0457	.2004	.0601	.4060	.0349	.0088	.0032	.0389	.0140
Oregon	1.0453	.1615	1.4453	.0236	.0076	.0605	.1760	.0601	.3764	.0349	.0092	.0031	.0329	.0144
California	1.0200	.0814	1.7743	.0633	.0429	.0533	.0878	.0601	.3723	.0361	.0084	.0035	.0381	.0132

1/ The base (1.00) for the factors in this table is the average quantity of grain and other concentrates consumed annually by the average milk cow in the United States during the period 1959-61, 48 States.

2/ The factors for heifers and heifer calves kept for milk include an allowance for dairy bulls. The factors for "all other cattle" include an allowance for beef bulls.

3/ See Appendix Table B for the percentages of feed fed to spring pigs after October 1 in each State. Nearly all of the feed for the fall crop of pigs is fed within the feeding year beginning October 1.

Table B.--Factors for roughage-consuming animal units, by States 1/

State	Cattle on farms Jan. 1				Stock sheep on farms Jan. 1	Sheep and lambs on feed Jan. 1	Goats clipped	All horses and mules on farms Jan. 1	Hogs fed during year	Hens and pullets on farms Jan. 1	All turkeys raised during year
	Milk cows and 2 years old and over	Helpers and heifer calves kept for milk	Cattle on feed	All other cattle							
Maine.....	.9469	.7660	---	.6873	.1654	---	---	.9736	.1527	.0001	.0006
New Hampshire.....	1.0190	.7411	---	.6414	.1718	---	---	.8018	.1527	.0001	.0006
Vermont.....	1.0996	.7745	---	.6109	.1527	---	---	.9164	.1527	.0001	.0006
Massachusetts.....	.9753	.7599	---	.3891	.1527	---	---	1.0080	.2150	.0001	.0006
Rhode Island.....	.9450	.7331	---	.5891	.1527	---	---	.9164	.1527	.0001	.0006
Connecticut.....	1.0533	.7472	---	.5891	.1309	---	---	.8018	.1762	.0001	.0006
New York.....	.9942	.8422	---	.6641	.1771	.0019	---	.9927	.0709	.0001	.0006
New Jersey.....	1.0243	.5946	---	.661	.1718	---	---	1.0309	.1606	.0001	.0003
Pennsylvania.....	1.0203	.7147	.2008	.6	.1814	---	---	.8452	.0748	.0001	.0011
Delaware.....	.9927	.7527	---	.68	.1832	---	---	.7636	.0467	.0001	.0065
Maryland.....	1.0179	.7583	---	.6720	.1567	---	---	.9736	.1493	.0001	.0011
Michigan.....	1.1272	.7677	.0609	.7427	.1661	.0019	---	.8916	.0796	.0004	.0021
Wisconsin.....	1.1185	.7850	.0609	.6534	.1579	.0019	---	.8705	.0739	.0004	.0063
Minnesota.....	1.0876	.7414	.0609	.7476	.1652	.0019	---	.8713	.0551	.0004	.0016
Ohio.....	.9750	.8118	.0609	.7432	.1735	.0029	---	.8544	.1125	.0004	.0030
Indiana.....	1.0582	.8111	.0643	.7510	.1849	.0029	---	.8818	.0736	.0012	.0022
Illinois.....	.9934	.8169	.0406	.7513	.1808	.0029	---	.9039	.0612	.0005	.0008
Iowa.....	.9217	.8159	.0609	.7495	.1767	.0052	---	.8894	.0784	.0004	.0022
Missouri.....	.9975	.8557	.0778	.7920	.1781	.0052	.2028	.8612	.0782	.0008	.0006
North Dakota.....	1.1176	.8179	.1733	.7276	.1981	.0019	---	.8788	.0775	.0004	.0016
South Dakota.....	1.0596	.8253	.1439	.7500	.2015	.0019	---	.8646	.0462	.0037	.0016
Nebraska.....	.9665	.8189	.2241	.7475	.1949	.0019	---	.8770	.0526	.0014	.0016
Kansas.....	.9514	.8123	.1889	.7546	.1688	.0017	---	1.0118	.0565	.0004	.0016
Virginia.....	.8815	.7093	.0872	.7748	.1869	---	---	.9418	.0820	.0014	.0098
West Virginia.....	.9906	.7497	---	.7289	.1683	---	---	.8591	.0254	.0006	.0079
North Carolina.....	.9238	.7399	.1432	.7376	.1664	---	---	.8661	.0906	.0106	.0050
Kentucky.....	.8673	.8335	.1195	.7368	.1691	---	---	.8572	.0649	.0019	.0050
Tennessee.....	.7958	.7245	.1292	.7401	.1870	---	---	.9509	.0826	.0014	.0050
South Carolina.....	.8675	.7370	.1069	.7352	.1665	---	---	.8336	.1039	.0007	.0065
Georgia.....	.8705	.8101	.1302	.7152	.1696	---	---	.8111	.1116	.0009	.0065
Florida.....	.3678	.3296	.1617	.7614	.1718	---	---	.8345	.1173	.0018	.0066
Alabama.....	.9520	.7970	.2598	.7122	.1654	---	---	.7377	.0899	.0030	.0065
Mississippi.....	.8538	.8077	.2689	.7206	.1733	---	---	.7511	.1109	.0040	.0050
Arkansas.....	.8612	.7948	.3054	.7197	.1718	---	---	.7711	.1002	.0030	.0050
Louisiana.....	.8221	.8162	.2848	.7229	.1773	---	---	.7703	.1358	.0030	.0050
Oklahoma.....	.7736	.8159	.2082	.7704	.1795	.0017	---	.8710	.0783	.0016	.0014
Texas.....	.8232	.8115	.0956	.7931	.2027	.0017	.2458	.8786	.0849	.0045	.0014
Montana.....	1.1849	.9003	.1314	.7594	.1996	.0043	---	.8811	.0121	.0019	.0030
Idaho.....	1.2741	.8090	.1738	.8013	---	.0043	---	.8899	.0776	.0019	.0030
Wyoming.....	1.1782	.8972	.1211	.7786	---	.0043	---	.8811	.0594	.0004	.0030
Colorado.....	1.0152	.8229	.0728	.7783	.20	.0024	---	.9491	.0710	.0010	.0009
New Mexico.....	.9960	.8057	.2513	.7503	.1829	.0024	.2031	.7234	.0482	.0016	.0020
Arizona.....	1.0287	.8116	.2676	.7564	.1826	.0024	.1966	.7296	.0482	.0014	.0020
Utah.....	1.1157	.8287	.2793	.7488	.1830	.0024	.1813	.8018	.0906	.0019	.0020
Nevada.....	1.1589	.7891	.2450	.7476	.1791	.0024	---	.8476	.0505	---	.0020
Washington.....	1.1779	.8629	.2858	.7729	.1957	.0025	---	.9766	.0575	.0013	.0025
Oregon.....	.9138	.8461	.2618	.7943	.2038	.0025	.2214	.9876	.0771	.0012	.0013
California.....	1.1538	.8998	.3286	.7690	.1798	.0025	.1753	1.0381	.0824	.0008	.0025

1/ The base (1.0) for the factors in this table is the quantity of hay, silage, stover, and pasture, expressed in feed units, consumed annually by the average milk cow in the United States during the period 1959-61.

Table C.—Factors for grain-and-roughage-consuming animal units, by States 1/

State	Cattle on farms Jan. 1			All other cattle	Stock sheep on farms Jan. 1	Sheep and lambs on feed Jan. 1	Goats clipped	All horses and mules Jan. 1	Hogs fed during year	Hens and pullets on farms Jan. 1	Chickens raised for replacements	Broilers produced during year	Turkeys raised during year
	Milk cows and heifers: 2 years old and over; for milk	Heifers and halfets	Cattle on feed										
Maine	1.0330	.6095	---	.5172	.1313	---	---	.7019	.1880	.0137	.0035	.0014	.0147
New Hampshire	1.0293	.5996	---	.4728	.1108	---	---	.5911	.1738	.0136	.0035	.0014	.0136
Vermont	1.0380	.6098	---	.5925	.1231	---	---	.6502	.1738	.0135	.0033	.0011	.0105
Massachusetts	1.0739	.6127	---	.4664	.1231	---	---	.6502	.1910	.0137	.0035	.0014	.0138
Rhode Island	1.0529	.5911	---	.4664	---	---	---	.5911	.1724	.0137	.0029	.0013	.0123
Connecticut	1.0908	.6042	---	.4644	.0844	---	---	.5911	.1818	.0137	.0035	.0014	.0138
New York	1.0753	.6124	.4757	.5205	.1339	.0128	---	.6957	.1909	.0137	.0035	.0014	.0135
New Jersey	1.1294	.6036	---	.5024	.1293	---	---	.7019	.1899	.0137	.0035	.0014	.0124
Pennsylvania	1.0510	.6130	.4757	.5224	.1347	---	---	.6981	.1916	.0137	.0035	.0014	.0134
Delaware	1.0147	.6122	---	.5024	.1182	---	---	.5911	.1869	.0135	.0034	.0014	.0137
Maryland	1.0357	.6114	---	.5207	.1244	---	---	.7019	.1916	.0136	.0036	.0014	.0121
Michigan	1.0689	.6130	.4738	.5219	.1348	.0203	---	.6949	.1915	.0137	.0035	.0013	.0134
Wisconsin	1.0746	.6128	.4751	.5222	.1348	.0147	---	.6945	.1917	.0137	.0035	.0014	.0134
Minnesota	1.0654	.6125	.4754	.5223	.1349	.0220	---	.6928	.1917	.0137	.0035	.0014	.0134
Ohio	1.0433	.6118	.4753	.5224	.1349	.0210	---	.6989	.1917	.0137	.0035	.0014	.0134
Indiana	1.0350	.6118	.4747	.5221	.1353	.0199	---	.6914	.1917	.0137	.0035	.0014	.0134
Illinois	1.0330	.6127	.4757	.5225	.1349	.0207	---	.6989	.1917	.0137	.0035	.0014	.0134
Iowa	1.0142	.6121	.4760	.5226	.1349	.0227	---	.6989	.1917	.0137	.0035	.0014	.0134
Missouri	.9594	.6128	.4756	.5224	.1346	.0229	.1361	.6978	.1917	.0137	.0035	.0014	.0134
North Dakota	.9855	.6129	.4744	.5225	.1347	.0207	---	.6928	.1913	.0137	.0035	---	.0135
South Dakota	.9518	.6119	.4756	.5226	.1350	.0213	---	.6959	.1917	.0137	.0035	---	.0134
Nebraska	.9804	.6110	.4757	.5226	.1343	.0224	---	.6966	.1916	.0137	.0035	.0014	.0135
Kansas	.9503	.6117	.4756	.5226	.1352	.0225	---	.6978	.1915	.0137	.0035	.0012	.0133
Virginia	.9091	.6124	.4714	.5222	.1341	---	---	.6961	.1917	.0137	.0035	.0014	.0134
West Virginia	.8686	.6090	---	.5216	.1347	---	---	.6945	.1909	.0137	.0035	.0014	.0131
North Carolina	.8992	.6132	.4761	.5226	.1343	---	---	.6978	.1916	.0137	.0035	.0014	.0134
Kentucky	.8666	.6112	.4722	.5224	.1352	---	---	.6978	.1916	.0137	.0035	.0014	.0140
Tennessee	.8483	.6117	.4698	.5225	.1338	---	---	.7004	.1917	.0137	.0035	.0014	.0137
South Carolina	.6575	.6082	.4728	.5212	.1343	---	---	.6978	.1915	.0137	.0035	.0014	.0131
Georgia	.8558	.6125	.4752	.5224	.1204	---	---	.6989	.1917	.0137	.0035	.0014	.0130
Florida	.9504	.6102	.4728	.5223	.1108	---	---	.6966	.1917	.0137	.0035	.0014	.0129
Alabama	.8198	.6103	.4764	.5224	.1313	---	---	.6975	.1915	.0137	.0035	.0014	.0128
Mississippi	.7872	.6121	.4690	.5226	.1318	---	---	.6976	.1913	.0137	.0035	.0014	.0123
Arkansas	.8327	.6112	.4714	.5224	.1293	---	---	.6956	.1913	.0137	.0035	.0014	.0134
Louisiana	.7927	.6106	.4712	.5225	.1302	---	---	.6982	.1915	.0137	.0035	.0014	.0101
Oklahoma	.8938	.6132	.4753	.5226	.1344	.0170	---	.6982	.1921	.0137	.0035	.0014	.0133
Texas	.8716	.6126	.4750	.5226	.1353	.0221	.1497	.6993	.1917	.0137	.0035	.0014	.0133
Montana	.9579	.6118	.4723	.5224	.1353	.0196	---	.6982	.1913	.0136	.0035	---	---
Idaho	1.0642	.6113	.4759	.5225	.1349	.0216	---	.6990	.1901	.0137	.0035	.0014	.0129
Wyoming	.9626	.6034	.4722	.5223	.1352	.0211	---	.6990	.1860	.0133	.0027	---	---
Colorado	1.0754	.6111	.4757	.5225	.1352	.0228	---	.6966	.1913	.0135	.0035	.0012	.0134
New Mexico	.9123	.6012	.4734	.5224	.1350	.0132	.1430	.6947	.1905	.0134	.0031	---	.0161
Arizona	1.0818	.6079	.4751	.5224	.1347	.0173	.1206	.6950	.1866	.0135	.0032	.0008	.0121
Utah	1.0015	.6128	.4733	.5223	.1351	.0203	.1303	.6926	.1908	.0136	.0035	.0012	.0134
Nevada	.9909	.5911	.4673	.5219	.1341	---	---	.6945	.1576	.0104	.0030	---	---
Washington	1.0248	.6128	.4749	.5222	.1342	.0168	---	.6922	.1895	.0137	.0035	.0014	.0125
Oregon	.9617	.6101	.4718	.5226	.1349	.0167	.1357	.6961	.1906	.0137	.0035	.0014	.0133
California	1.1062	.6129	.4760	.5224	.1351	.0220	.1180	.6995	.1916	.0137	.0035	.0014	.0134

1/ The base (1.0) for the factors used in this table is the quantity of all feed including pasture, expressed in feed units, consumed annually by the average milk cow in the United States during the period 1959-61.

Table D.--Estimated percentage of feed fed after October 1 to spring pig crop,
by States, 1919-51, 1952-58 and 1959-68

State	Estimated percentage		
	1919-51	1952-58	1959-68
	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Maine.....	60	55	36
New Hampshire.....	60	50	36
Vermont.....	60	40	36
Massachusetts.....	60	50	36
Rhode Island.....	60	50	36
Connecticut.....	60	50	36
New York.....	60	30	30
New Jersey.....	60	50	36
Pennsylvania.....	60	35	23
Delaware.....	60	40	18
Maryland.....	60	25	18
Michigan.....	45	20	30
Wisconsin.....	45	20	28
Minnesota.....	50	40	34
Ohio.....	45	20	21
Indiana.....	45	20	16
Illinois.....	50	25	24
Iowa.....	50	40	32
Missouri.....	45	25	23
North Dakota.....	55	55	46
South Dakota.....	55	50	44
Nebraska.....	55	40	34
Kansas.....	50	25	24
Virginia.....	60	40	17
West Virginia.....	60	40	26
North Carolina.....	65	45	18
Kentucky.....	50	30	17
Tennessee.....	65	35	18
South Carolina.....	65	55	18
Georgia.....	65	40	18
Florida.....	65	45	15
Alabama.....	65	40	15
Mississippi.....	65	55	19
Arkansas.....	65	55	18
Louisiana.....	65	50	16
Oklahoma.....	60	20	18
Texas.....	60	40	19
Montana.....	50	35	31
Idaho.....	50	35	31
Wyoming.....	50	50	31
Colorado.....	50	50	25
New Mexico.....	50	40	31
Arizona.....	50	50	31
Utah.....	50	50	31
Nevada.....	50	50	31
Washington.....	50	20	20
Oregon.....	50	25	18
California.....	50	50	20
48 States.....	55	35	20

Table 2.--Feed grains: Production, consumption as feed, deficit or surplus, by States, for feeding years 1966, 1967, and 1968 1/

State	1966				1967				1968			
	Feed grains produced	Feed grains fed 2/	Production compared with amount fed		Feed grains produced	Feed grains fed 2/	Production compared with amount fed		Feed grains produced	Feed grains fed 2/	Production compared with amount fed	
			Over	Under			Over	Under			Over	Under
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
Northwest:												
Maine.....	29	905	---	876	22	907	---	885	27	1,011	---	984
New Hampshire.....	---	217	---	217	---	202	---	202	---	217	---	217
Vermont.....	8	332	---	334	5	328	---	323	5	353	---	348
Massachusetts.....	4	358	---	354	---	337	---	337	---	365	---	365
Rhode Island.....	2	46	---	44	---	42	---	42	---	46	---	46
Connecticut.....	---	438	---	438	---	427	---	427	---	468	---	468
New York.....	799	2,592	---	1,793	966	2,573	---	1,607	890	2,699	---	1,809
New Jersey.....	108	571	---	463	209	492	---	283	133	484	---	351
Pennsylvania.....	1,411	2,961	---	1,550	2,831	2,947	---	116	2,250	3,217	---	967
Delaware.....	242	693	---	451	459	635	---	176	264	702	---	438
Maryland.....	661	1,179	---	518	1,337	1,212	125	---	1,026	1,325	---	299
Lake States:												
Michigan.....	3,057	2,138	919	---	2,973	2,089	884	---	3,252	2,217	1,035	---
Wisconsin.....	5,634	5,398	236	---	5,584	5,331	253	---	6,343	5,675	668	---
Minnesota.....	12,279	7,155	5,124	---	13,311	7,144	6,167	---	14,020	7,541	6,479	---
Corn Belt:												
Ohio.....	7,866	3,960	3,906	---	7,388	3,887	3,501	---	7,526	4,038	3,488	---
Indiana.....	11,410	5,092	6,318	---	12,598	5,122	7,476	---	12,035	5,550	6,485	---
Illinois.....	24,065	8,708	15,357	---	30,941	8,577	22,364	---	26,074	9,141	16,933	---
Iowa.....	27,050	16,930	10,100	---	29,330	16,758	12,572	---	27,121	18,689	8,432	---
Missouri.....	5,603	5,365	238	---	6,222	5,518	704	---	7,478	5,927	1,551	---
Northern Plains:												
North Dakota.....	3,727	1,061	2,666	---	3,274	968	2,306	---	4,419	966	3,453	---
South Dakota.....	4,901	3,030	1,871	---	4,851	3,147	1,704	---	5,479	3,338	2,141	---
Nebraska.....	13,533	6,252	7,281	---	13,171	6,546	6,625	---	11,594	7,291	4,303	---
Kansas.....	5,785	3,389	2,396	---	6,346	3,498	2,848	---	7,152	4,176	2,976	---
Appalachian:												
Virginia.....	731	1,475	---	744	1,189	1,476	---	287	1,056	1,582	---	526
West Virginia.....	82	388	---	306	122	379	---	257	87	401	---	314
North Carolina.....	1,914	3,495	---	1,581	3,175	3,631	---	456	2,494	4,070	---	1,576
Kentucky.....	1,838	2,107	---	219	2,677	2,206	471	---	2,003	2,342	---	339
Tennessee.....	1,091	2,097	---	1,006	1,308	2,057	---	749	921	2,166	---	1,245
Southeast:												
South Carolina.....	494	967	---	473	701	934	---	233	562	1,139	---	577
Georgia.....	1,735	4,606	---	2,871	2,582	4,672	---	2,110	1,703	5,246	---	3,543
Florida.....	639	1,629	---	1,190	636	1,678	---	1,042	646	1,940	---	1,494
Alabama.....	757	3,201	---	2,444	1,085	3,289	---	2,204	640	3,628	---	2,988
Delta States:												
Mississippi.....	520	2,234	---	1,714	560	2,263	---	1,703	488	2,440	---	1,952
Arkansas.....	224	3,244	---	3,020	204	3,313	---	3,109	178	3,582	---	3,404
Louisiana.....	198	984	---	786	226	970	---	744	220	1,046	---	826
Southern Plains:												
Oklahoma.....	908	1,437	---	529	898	1,481	---	583	1,131	1,645	---	514
Texas.....	9,607	4,737	4,870	---	10,279	5,055	5,224	---	10,668	6,066	4,602	---
Mountain:												
Montana.....	1,655	747	908	---	985	760	225	---	1,150	853	297	---
Idaho.....	649	751	---	102	720	750	---	30	702	903	---	201
Wyoming.....	146	232	---	86	212	257	---	45	209	250	---	41
Colorado.....	1,067	2,208	---	1,141	1,746	2,284	---	1,028	1,167	2,716	---	1,549
New Mexico.....	484	585	---	101	578	674	---	96	489	776	---	287
Arizona.....	618	910	---	292	868	938	---	70	834	1,110	---	276
Utah.....	184	594	---	410	200	580	---	380	184	621	---	437
Nevada.....	21	139	---	118	25	135	---	110	23	155	---	132
Pacific:												
Washington.....	570	970	---	400	301	992	---	691	331	1,058	---	727
Oregon.....	508	714	---	206	288	704	---	416	341	756	---	413
California.....	2,919	6,660	---	3,741	3,163	6,400	---	3,237	2,957	6,983	---	4,026
48 States.....	157,563	125,881	---	---	176,026	126,565	---	---	169,072	138,910	---	---

1/ Additional disappearance not included in this computation: Feed grains for seed, human food, and industry as well as those needed for export. This table probably overstates surpluses and understates deficits within each of the States.
 2/ Computed for each State by multiplying the grain-consuming animal units in that State by 1.130 tons in 1966, 1.136 tons in 1967, and 1.220 tons in 1968. These feeding rates were the average rates of feed grains disappearance per grain-consuming animal unit at the national level.

END