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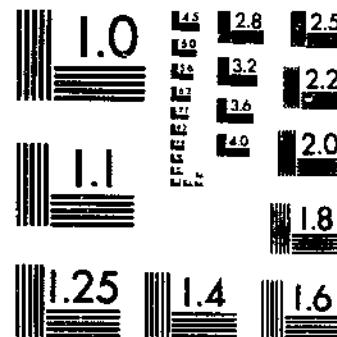
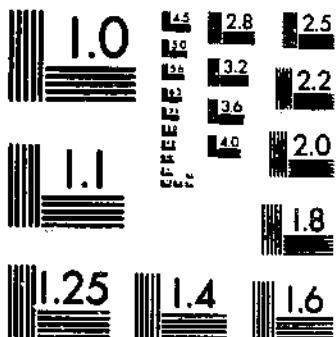
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STRUCTURE OF THE REED MANUFACTURING INDUSTRY 1975. A STATISTICAL SUMMARY  
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# STRUCTURE OF THE FEED MANUFACTURING INDUSTRY, 1975

U.S. Department of Agriculture

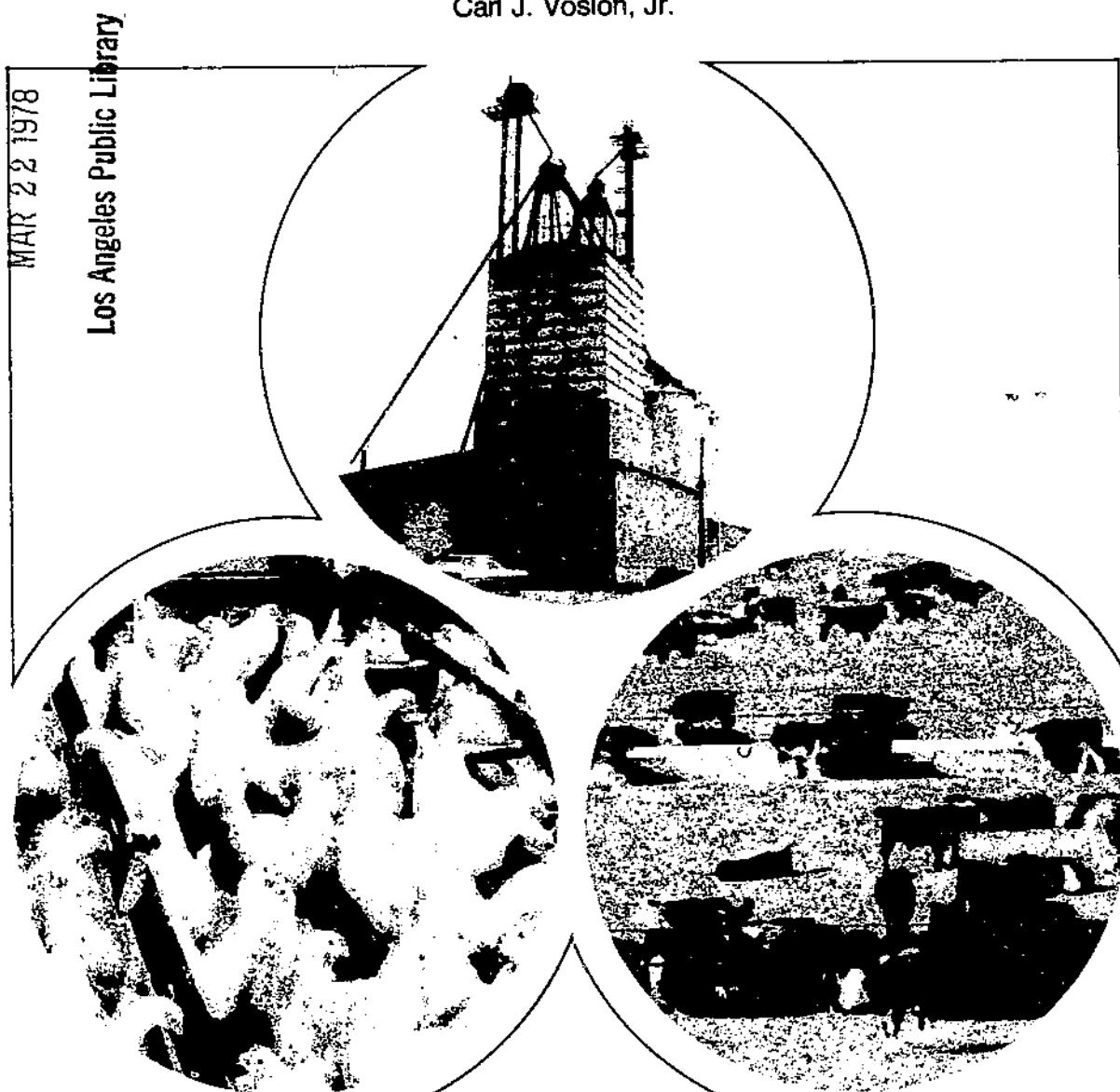
Economics, Statistics, and  
Cooperatives Service

Statistical Bulletin No. 596

## A Statistical Summary

Carl J. Vosloh, Jr.

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STRUCTURE OF THE FEED MANUFACTURING INDUSTRY, 1975--A STATISTICAL SUMMARY,  
by Carl J. Vosloh, Jr.; National Economic Analysis Division; Economics, Statistics,  
and Cooperatives Service; U.S. Department of Agriculture. Statistical  
Bulletin No. 596.

#### ABSTRACT

Data on the U.S. feed manufacturing industry in 1975 are summarized by number of feed manufacturing establishments, physical output, methods of disposition, milling capacity, and efficiency of the industry. Detailed analysis has been done on a regional basis, as well as by ownership and size category. Criteria for the major source of income were used to compare and relate activities of the different income groups to the overall industry.

Keywords: Formula feed, Structure, Feed manufacturing, Feed mill capacity, Firms, Feed ingredients, Disposition.

#### PREFACE

The feed manufacturing industry was surveyed in 1976 to obtain data on procurement, inventory, processing, distribution, and storage functions. These data complement similar statistical information collected on the industry in 1969. These two historical benchmarks should provide a sound basis for evaluation of and projections relating to the industry. More comprehensive analyses and evaluation of these data will be forthcoming in the near future. Comparison of data will be made and findings used to develop important trends and industry organization.

No report of this type is possible without the basic data supplied by the individual plants and companies operating in the industry. The author expresses appreciation to the many individuals who cooperated in the survey. A special note of appreciation is extended to the American Feed Manufacturers Association and the National Grain and Feed Association for their assistance and guidance in the preparation of this report.

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On January 1, 1978, three USDA agencies--the Economic Research Service, the Statistical Reporting Service, and the Farmer Cooperative Service--merged into a new organization, the Economics, Statistics, and Cooperatives Service.

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## SUMMARY

In 1975, 6,340 feed manufacturing establishments produced 104.5 million tons of formula feed (table 1). About 5,590 establishments had the capacity to produce over 1,000 tons. Of this number, 58 percent produced between 1,000 and 10,000 tons in 1975.

Corporations accounted for about 51 percent of the establishments. Cooperatives made up 26 percent, and single-owner establishments 16 percent. Corporations, partnerships, and cooperatives had the greatest number of establishments manufacturing primary feed, while single owners were the most important in producing secondary feed.

Of the 104.5 million tons of formula feed produced by these establishments, primary feed tonnage equaled about 71 percent of the total output. Secondary feed made up the remaining 29 percent. Corporations produced 67 percent of the total primary feed.

About 58 percent of all establishments did custom grinding and mixing. Retailing formula feed was done by about 60 percent of the establishments. Smaller volume establishments tended to do more custom grinding and mixing and retailing than did larger establishments, which disposed of their production either at wholesale or by feeding their own livestock.

Stationary milling establishments producing 1,000 to 9,999 tons annually accounted for 34 percent of the total U.S. capacity for producing formula feed in 1975; they accounted for 59 percent of the establishments. Establishments with the largest capacity, 50,000 tons and over, also made up 34 percent of total capacity, but accounted for only 6 percent of total establishments.

Average utilization of capacity for the industry was 80 percent. Establishments with capacities of 1,000 to 9,999 tons used an average of 33 percent of their capacity. Establishments with the largest capacity, 50,000 tons and over, utilized 137 percent of their defined capacity. Corporations used the largest share of their potential, 85 percent, while utilization by cooperatives was lowest, 68 percent. Rates of utilization for single-owner and partnership establishments were between the two.

Average output per production worker for all establishments in the survey was 2,238 tons and for all employees, 1,510 tons. Partnerships, on the average, had greater output for both production workers and all employees, while cooperatives had the lowest.

Corporations, on the average, had more employees per establishment than did the other three types of ownership. Corporations tended to be the largest of the different types of establishments and, therefore, required more employees to operate. For corporations, partnerships, and cooperatives, the total number of employees was about 50 percent higher than the number of production workers, while for single-owner organizations, it was about a third more.

Table 1--Selected data for the formula feed industry, 1975

Item	Feed	Formula
	manufacturing	feed
	establishments	
	<u>Number</u>	<u>Tons</u>
Operating establishments:		
Stationary establishments	: 6,340	104,530,681
Mobile establishmnets	: 6,122	--
Mobile establishmnets	: 540	--
Establishments by size:	:	
Up to 999 tons	: 750	400,184
1,000 - 9,999 tons	: 3,704	14,576,913
10,000 - 24,999 tons	: 902	13,378,531
25,000 - 49,999 tons	: 427	14,949,807
50,000 tons and over	: 556	61,225,246
Total	: 6,340	104,530,681
Primary manufacturers:	:	
Production by type of feed:	:	
Dairy feed	: 2,122	14,209,181
Beef and sheep feed	: 2,216	17,217,401
Horse feed	: 1,269	1,540,314
Hog feed	: 2,370	9,821,805
Turkey feed	: 465	3,077,873
Broiler feed	: 527	12,694,702
Starter-grower, layer-breeder	: 1,959	12,131,721
All other	: 1,005	3,079,583
Total	: 3,385	73,772,580
Secondary manufacturers:	:	
Production	: 4,483	29,856,362
Unallocated production	: --	901,739
Ownership and production:	:	
Corporation	: 3,234	69,573,087
Partnership	: 471	6,004,226
Single owner	: 1,012	8,467,228
Farmer cooperative	: 1,623	20,486,140
Total	: 6,340	104,530,681
Channels of feed disposition:	:	
Wholesale	: 1,199	25,226,546
Retail	: 3,778	24,697,897
Feed to own animals	: 454	9,541,146
Custom feeding	: 1,153	26,458,168
Custom grinding and mixing	: 3,646	18,606,924
Total	: 6,340	104,530,681

Grain accounted for about 53 percent of the ingredients received by primary manufacturers. Oilseed meal made up 17 percent and millfeed, 11 percent. About 25 million tons of storage were available at these feed manufacturers, with bulk making up about 85 percent of the total space.

U.S. feed plants received about 84 percent of all incoming ingredients by truck. Rail shipments made up nearly all of the remaining shipments.

Ingredient loss or shrinkage occurred in most establishments; however, in about 60 percent of the establishments, losses were less than 1 percent.

About one-third of the primary feed manufactured in 1975 was packaged. Establishments manufacturing primary feed had about 1.2 million tons of finished feed storage. About 55 percent of this storage capacity was for bulk feed. Slightly more than 98 percent of this finished feed left the plant by truck--62 percent by company truck and 32 percent by customer truck. Average delivery by company truck was 69 miles while customer trucks hauled an average of 30 miles.

About 51.5 million tons of feed were produced by 1,998 establishments who reported feed manufacturing to be their major source of income. Primary feed made up 87 percent of the total feed produced by this group. About 44 percent of their production was distributed wholesale and 30 percent was retailed.

Some 346 establishments received the major share of their income from cattle feeding and produced about 14.4 million tons of feed. Almost 52 percent of their formula feed output went to custom feeding and 45 percent to their own livestock.

Hog production provided the major source of income for 139 establishments producing about 0.6 million tons of formula feed. Retail sales made up about 45 percent of the distribution of output for these establishments. Utilization of capacity was the lowest for these establishments.

About 7.7 million tons of feed, nearly all of which was primary production, were produced by establishments whose main source of income was broilers. Almost 97 percent of the feed produced was fed to the establishments' own poultry. Utilization of capacity for these establishments was 164 percent.

Egg production was the main source of income for 119 establishments producing 2.4 million tons of feed. Output was devoted primarily to feeding their own livestock, 80 percent of the total.

Inventory policies vary greatly by regions of the United States as well as by major source of income. On the average, feed manufacturers maintained about a 62-day inventory of grains, 20 days of proteins, and 25 days consumption of byproduct feeds. Premix inventories were maintained at a 30-day supply and drugs an average of 41 days.

## STRUCTURE OF THE FEED MANUFACTURING INDUSTRY, 1975 A STATISTICAL SUMMARY

*Carl J. Vosloh, Jr.*

### INTRODUCTION

The feed manufacturing industry is the largest agricultural input industry in terms of farmers' expenditures. Total feed expenditures account for almost one-fifth of total production expenses, and for about 25 percent of current operating expenses. In 1975 and 1976, according to farm expenditure surveys for those years, commercially prepared feed accounted for 65 and 67 percent, respectively, of all feed expenses. In addition, many livestock and poultry producers either manufacture feed for their own needs or have feed custom mixed from their own grains. This feed, although not sold in commercial channels, is a real part of the mixed feed industry.

Many changes have altered the structure of the mixed feed industry. There have been changes in the size and concentration of firms, which have definitely affected performance, and competition has been weakened through mergers, consolidation, and other forms of concentration, particularly on a regional basis.

It is important that members of the feed industry and policymakers have data that will enable them to analyze the past, present, and potential future structure of the industry and the markets for livestock and poultry feed. Comprehensive, current information also permits analysis of the industry in terms of type and number of mills, capacity of output, company affiliation, sources of supply, and so forth. A first step toward gathering information on the structure of the feed industry was the 1969 benchmark study. That study--the most comprehensive on the subject to that time--served as the basis for five USDA publications on the mixed feed industry. 1/

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1/ Hodges, Earl J., George C. Allen, and Gary A. Davis, The Formula Feed Industry in 1969 - A Preliminary Report, ERS-494, November 1971.

Hodges, Earl F., George C. Allen, and Gary A. Davis, The Formula Feed Industry, 1969 - A Statistical Summary, Statistical Bulletin No. 485, May 1972.

Vosloh, Carl J. Jr., George C. Allen, Edward Overton, Structure of the Formula Feed Industry, 1969 NTIS, April 1977.

Mather, J. Warren, and John M. Bailey, Cooperatives' Position in Feed Manufacturing, FCS Research Report 25, November 1973.

Mather, J. Warren, and John M. Bailey, Specialization in Cooperative Feed Manufacturing, FCS Research Report 27, January 1974.

The current study assesses the impact of dynamic forces on the feed manufacturing industry by: (1) examining the structure of the feed industry, and (2) determining major characteristics of the manufacture of feed and the physical distribution of finished feed through various marketing channels to the farm level.

Data summarized in this report will help to establish benchmarks and trends for annual feed consumption series currently prepared by ESCS, both in total and by individual feed. The survey data provide some basic information needed to improve aggregate estimates of farmers' expenditures for feed.

#### Definition of Terms

Feed-milling establishment is usually a stationary mill operation at a single location together with any mobile mills based at that location. It may consist of one or more mobile mills not associated with a stationary mill but based at one location. An establishment is not necessarily the same as a business firm, which may include a number of establishments. The feed-milling activities of establishments are classified as: (1) primary feed manufacturing, and (2) secondary feed manufacturing.

Primary feed manufacturing is the processing and mixing of individual feed ingredients, sometimes with the addition of a premix (described below) at a rate of less than 100 pounds per ton of finished feed. Examples of specific feed ingredients are feed grains, mill byproducts, oilseed meals, and animal proteins.

Secondary feed manufacturing is the processing and the mixing of one or more ingredients with formula feed supplements. Supplements are usually used at a rate of 300 pounds or more per ton of finished feed, depending on protein content of the supplement and percentage of protein desired in the finished feeds.

Feeding own animals is the feeding of livestock owned by the mill owner. It also includes feed fed to a feed manufacturer's livestock or poultry grown under contract by a farmer-producer.

Custom grinding and mixing is grinding customer-owned feed ingredients and usually mixing supplements with them. This is mainly a service provided to farmers feeding their own animals. However, toll milling (milling performed for other feed manufacturers) was included in this category.

Formula feed contains two or more ingredients that are processed or mixed according to specifications. Customer-owned grains that have been processed and mixed are included in this category.

Complete feed contains all nutrients needed in the nonroughage portion of the diet by the kind of livestock and poultry for which the feed is designed.

Supplements are formula feed used with other feed ingredients to improve the nutritive balance of the diet. They are intended to be fed separately in controlled amounts, offered free-choice as a dietary supplement to other feed, or mixed with other ingredients to formulate a complete feed. Supplements used in secondary manufacturing are first counted in primary manufacturing and are double-counted when they are included with the tonnage of all manufactured feed.

Premixes are formulations of one or more microingredients--such as vitamins, trace minerals, or drugs--mixed with a carrier. A premix is used to distribute microingredients evenly throughout a formula feed. Premix is usually added at a rate of less than 100 pounds per ton of finished feed. Premix tonnage may be counted twice in formula feed tonnage; first in primary manufacturing, and second if used in complete or supplement feed by a feed manufacturer.

#### Methodology

The questionnaire used in this study was reviewed by (1) other members of USDA who have worked with the feed mixing industry, (2) members of the Economics and Marketing Committee of the American Feed Manufacturers Association (AFMA), and (3) members of the Research Committee of the National Grain and Feed Association. Comments and suggestions were invited in preparing the final questionnaire. Only information relating to production, distribution, efficiency, and flows was requested in the survey.

A sample was drawn from a list of feed manufacturers with potential rated capacity to produce 1,000 tons or more of feed annually. This list is maintained by the Emergency and Indemnity Payments Division, Agricultural Stabilization and Conservation Service (ASCS), USDA. Two strata were used for grouping all establishments on the list by size within each State: Those producing less than 10,000 tons annually, and those producing more than 10,000 tons annually. The sample of 4,600 establishments was randomly selected and included nearly 100 percent of the plants producing over 10,000 tons annually. Data for each strata in each State were expanded separately. Expansion factors were developed from the relationship of usable questionnaires to the number of establishments on the list.

Data collection was made by USDA's Statistical Reporting Service (SRS) (Since January 1978 a part of the Economics, Statistics, and Cooperatives Service). Collection was made by mail questionnaire or by personal interview. The questionnaires were mailed and respondents were requested to return completed questionnaires within 1 week. One mail follow-up was made about 1 week after the first mailing. One week after the second mailing, all nonrespondents were contacted by telephone by local SRS interviewers to arrange for an appointment. Nonrespondents were then visited to obtain the information.

Data from this survey and the 1969 survey are not identical with respect to the coverage of feed establishments. For the 1969 survey, a complete census was made of all known feed manufacturing establishments, whether they manufactured feed for sale, for use in their own feeding operation, or for custom grinding and mixing operations. Data were collected from such large enterprises as cattle feedlots and hog-feeding operations, as well as commercial mills. Since these data were obtained for civil defense as well as economic purposes, response to the survey was mandatory.

The current survey was not mandatory. Moreover, although the list of feed manufacturing establishments used for this study had basically the same makeup as the list used in the 1969 survey it did not include all feed manufacturing facilities in the United States. For the large number of establishments that were surveyed, however, cooperation was very good. Feed tonnage actually reported by survey plants is estimated to be about 95 percent of the total U.S. production.<sup>2/</sup> With this tonnage coverage it is possible to make many percent-wise comparisons with the data in the earlier study.

#### ESTABLISHMENTS

In 1975, ownership of the 6,340 reporting formula feed establishments was distributed percentagewise as follows: corporations, 51; cooperatives, 26; single owners, 16; and partnerships, 7. Corporations had the greatest number of establishments manufacturing only primary feeds (68 percent of the total), while partnership establishments had the lowest number producing both primary and secondary feeds (app. tables 1 and 18).

About 30 percent of the feed manufacturing facilities were located in the Corn Belt. The Lake States and the Northern Plains had the next largest number of establishments, each with 14 percent, and the Delta region had the least number, 3 percent (fig. 1).

Data on primary and secondary manufacturers are analyzed on both a size and type of ownership basis. Of the 6,340 establishments, about 58 percent produced between 1,000 and 9,999 tons annually (app. table 17). Establishments producing 1,000 to 9,999 tons annually and establishments producing 50,000 tons and up annually were major producers of secondary feed, accounting for 32 and 37 percent of the total, respectively (app. table 17). The two largest size groups (25,000 to 49,999 tons and 50,000 tons and up) accounted for about 7 and 9 percent, respectively, of the total number of establishments.

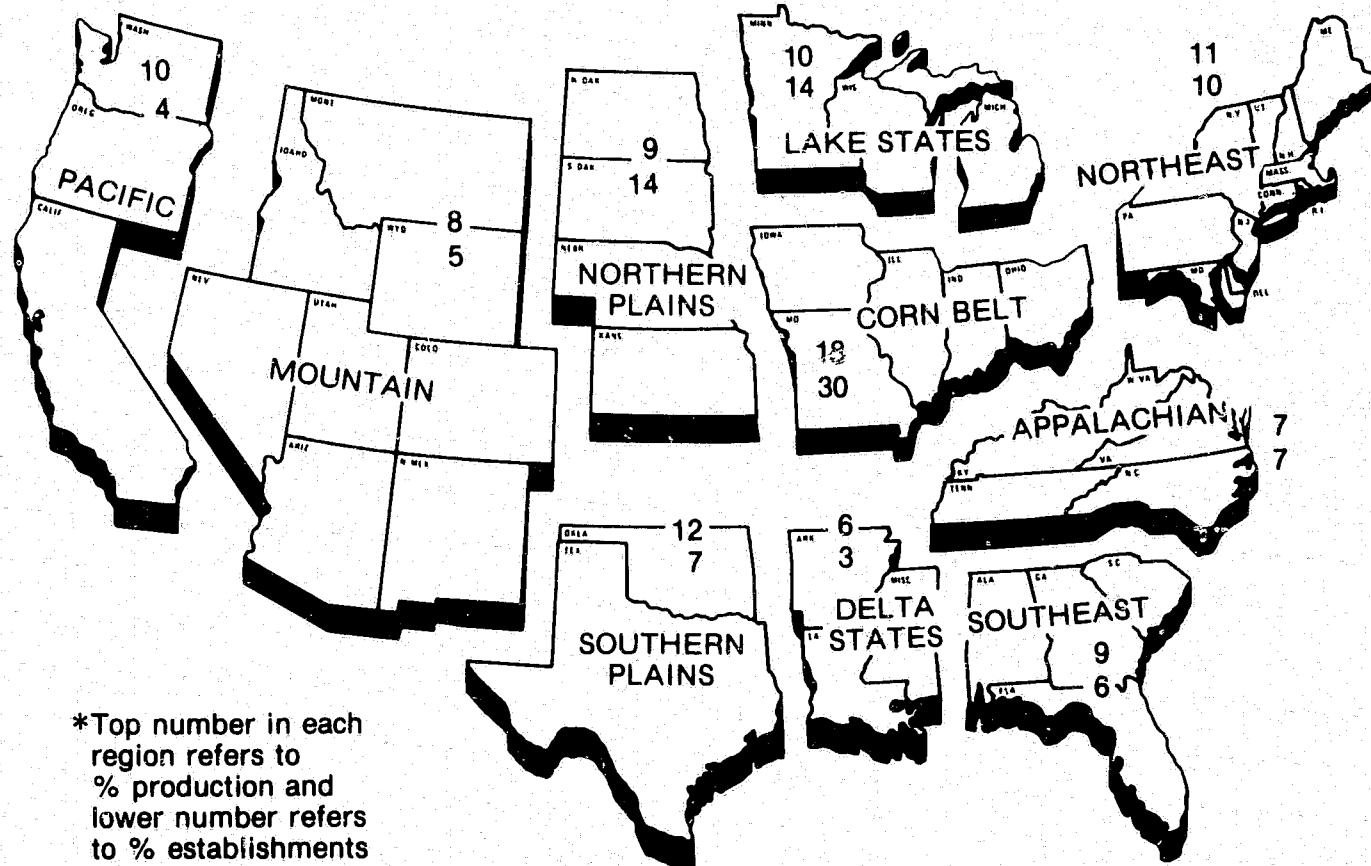
Stationary establishments accounted for about 97 percent of the milling operations (app. table 3). Mobile mills were located at about 3 percent of the stationary establishments. The Corn Belt region accounted for about 22 percent of the total mobile mills.

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<sup>2/</sup> Total feed manufactured from 1969 survey expanded by industry growth estimates, 1969 to 1975, from unpublished AFMA tonnage surveys.

Figure 1

## REGIONAL DISTRIBUTION OF FEED PRODUCTION AND ESTABLISHMENTS, 1975\*



\*Top number in each region refers to % production and lower number refers to % establishments

## PRODUCTION

Formula feed production reported for 1975 totaled 104.5 million tons, which included 74.7 million tons of primary production and 29.9 million tons of secondary production (app. table 17 and fig. 2). Primary feed was relatively more important for the larger operations, amounting to more than 80 percent of this total production (app. 17). As plant size increased, the percentage of secondary production decreased from 75 to 18 percent.

Tonnage of beef and sheep primary feed made up 23 percent of all primary feed (app. table 19). Dairy feed was the next largest, 19 percent, and horse feed the smallest, 2 percent. The Corn Belt accounted for 15 percent of the total primary feed manufactured. Hog feed was about 43 percent of this quantity.

Eighty-six percent of primary feed tonnage was complete, almost 14 percent was supplement, and slightly less than 1 percent was premix. Beef and sheep feed accounted for 23 percent of all complete feed production (app. table 20). Broiler and dairy feed each accounted for 19 percent of the complete volume.

Hog feed accounted for 36 percent of supplement feed production, and beef and sheep feed, for 27 percent (app. table 21). Premix volume was very small; almost 30 percent was broiler premix and 20 percent was beef and sheep feed (app. table 22).

Primary feed was produced in several forms (app. tables 27 and 28). Meal accounted for 56 percent of the output, pellets and crumbles for 42 percent, and liquid for slightly less than 1 percent. Appendix tables 29-32 give a further breakdown of form by type of primary feed produced.

About 55 percent of the poultry primary feed was produced as pellets and crumbles (app. table 29). Sixty-two percent of the ruminant feed was produced as meal and 32 percent as pellets (app. table 30). About 62 percent of the swine feed was in meal form (app. table 31). Other primary feeds output was about 36 percent pelleted and 61 percent in meal form (app. table 32).

Corporations accounted for about 67 percent and cooperatives for 20 percent of total feed produced in 1975 (app. table 18). Primary tonnage of corporations made up about 78 percent of their total output. Appendix tables 6 through 16 illustrate variations in the quantities of primary and secondary feed produced by type of ownership for each region of the United States.

The corporate establishments accounted for about 52 percent of the secondary feed manufactured in 1975. Partnerships accounted for the lowest volume of primary and secondary feed production, supplying about 6 percent of the respective totals. Primary feed accounted for over 60 percent of the output of corporations, partnerships, and cooperatives, and for 49 percent of the output of single owners (fig. 3).

Figure 2

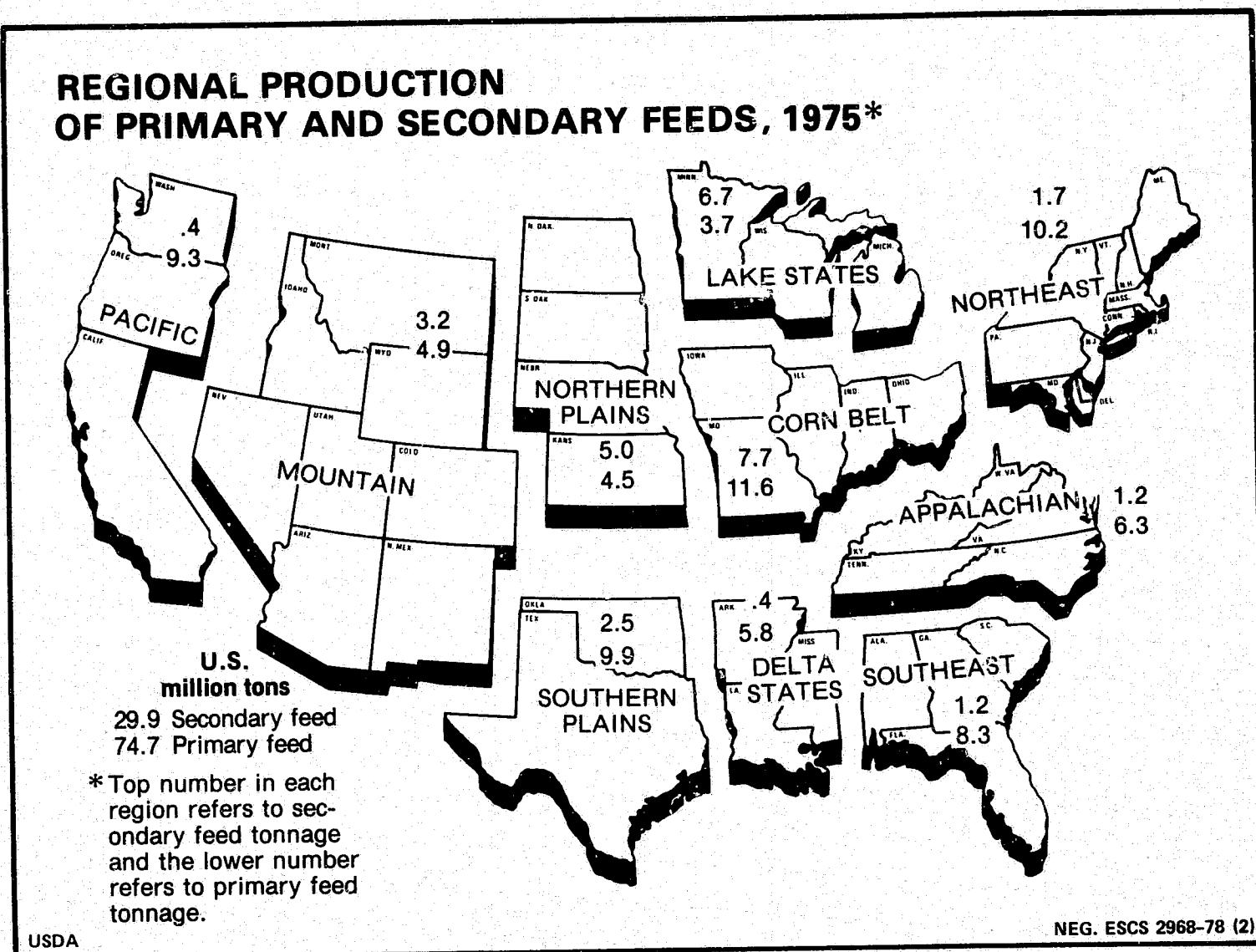
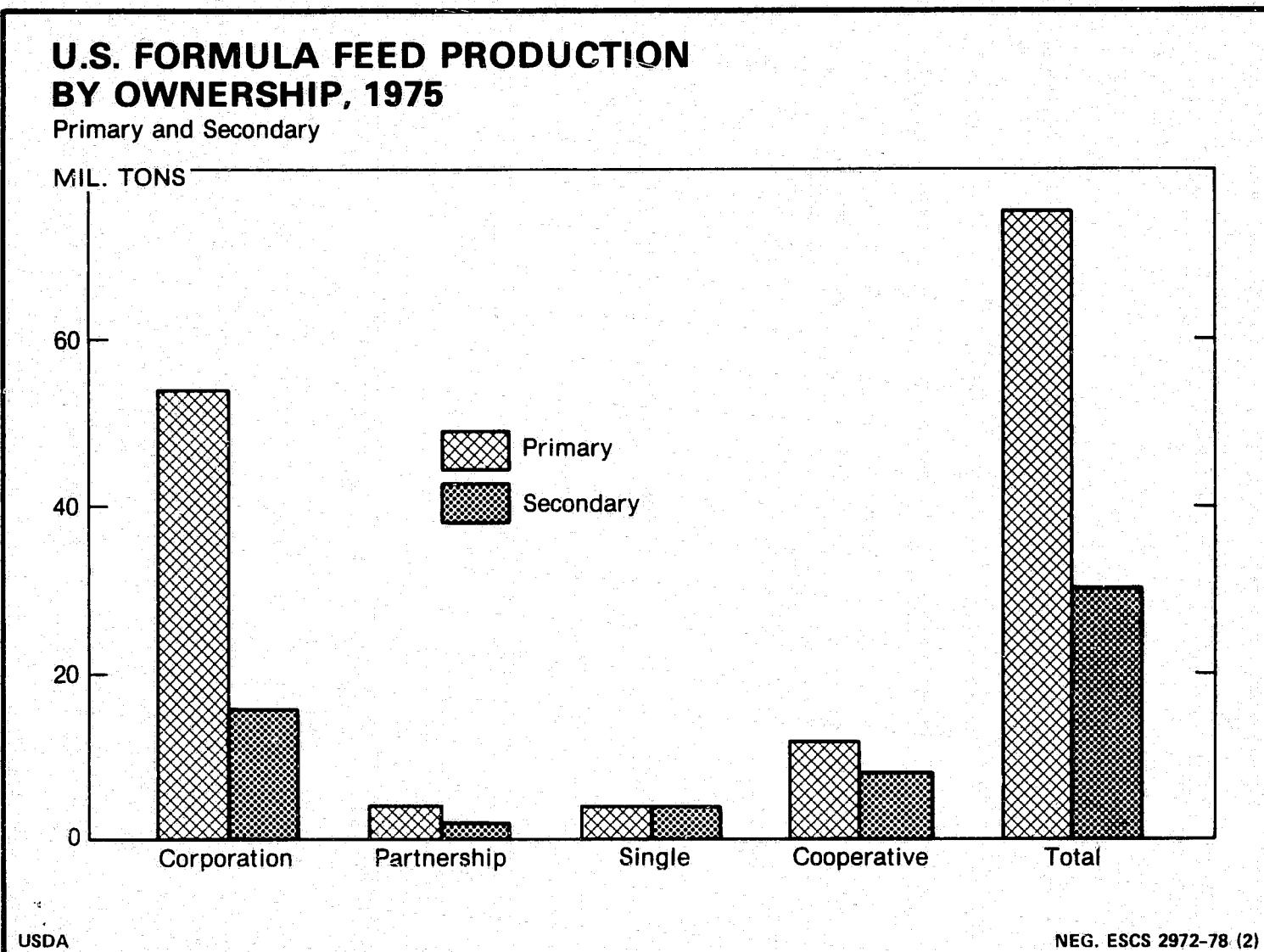


Figure 3



Corporations manufactured more than half the total output in all regions except the Lake States. Cooperatives were the strongest in the Northeast, Lake States, Northern Plains, and Corn Belt. Partnership and single-owner establishments combined were most prevalent and had the largest total output in the Northeast, Corn Belt, Southern Plains, and Lake States regions.

The Corn Belt accounted for 18 percent of all feed manufactured in 1975. The region's production was about 50 percent larger than that of the next largest area, the Southern Plains. The Delta region was the lowest in total feed production, 6 percent.

#### DISTRIBUTION

Five methods of distribution were analyzed in this study: wholesale, retail, feeding own livestock, custom feeding, and custom grinding and mixing (app. tables 33-66). Many of the establishments reported using two or more methods.

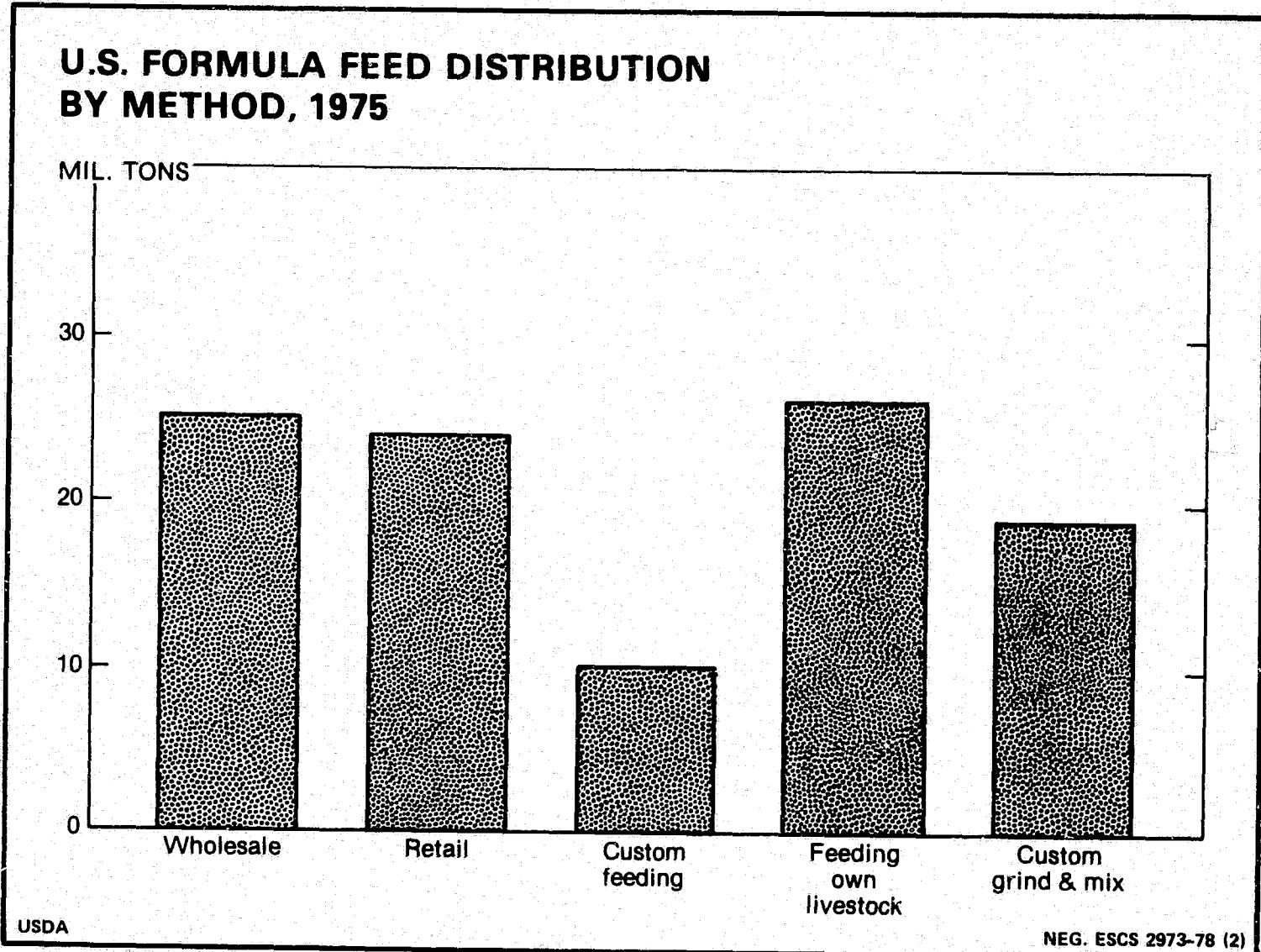
About 58 percent of all establishments did custom grinding and mixing but feed distributed this way accounted for only about 18 percent of all formula feed production (app. tables 33-34 and fig. 4). Retailing of feed was performed by about 60 percent of the establishments, 18 percent produced feed for their own livestock, and almost one-fifth distributed feed wholesale. Custom feeding was reported to be of less importance than other methods (app. table 49).

Small-volume establishments tended to do more retailing and custom grinding and mixing than did the larger establishments, which disposed of feed largely through wholesaling and by feeding their own livestock. Establishments producing 1,000 to 9,999 tons of formula feed per year custom ground and mixed 47 percent of their output (app. table 49). On the other hand, establishments producing 50,000 tons and up wholesaled 29 percent of their tonnage and fed 34 percent to their own livestock.

Corporations wholesaled 28 percent of their tonnage and fed about the same proportion to their own livestock (app. table 50). Partnerships custom ground and mixed 33 percent of their production and fed 37 percent to their own livestock. Single-owner distribution activities were similar to those for partnerships; however, a much larger percentage--25 percent--of the single-owner volume was sold retail. Custom grinding and mixing accounted for 33 percent of cooperatives' output and retailing for 31 percent.

Regional differences in distribution were apparent (app. tables 38-47). Commercial sales (wholesale and retail) made up a large percentage of total feed distributed in the Northeast, Corn Belt, Appalachian, and Pacific regions. Feeding own livestock was the most important distribution method in the Northeast, Southeast, Delta, and Mountain regions, primarily because of contract production of broilers and eggs and operation of large cattle feedlots in these regions.

Figure 4



Establishments in the Southern and Northern Plains States reported custom feeding to be a relatively important part of their operations. The Corn Belt, Lake States, and Northern Plains establishments were quite active in custom grinding and mixing because customers commonly purchased supplements for blending with home-grown grains to obtain a balanced ration.

Distribution of dry formula feed which accounted for about 99 percent of total feed manufactured is shown in appendix tables 51-63. Distribution patterns for the 1,082,169 tons of liquid feed produced in 1975 are shown in appendix tables 64-66. Almost 60 percent moved through the retail channel and 38 percent was wholesaled. Corporations distributed about 57 percent of the liquid tonnage (app. table 66) and single owners accounted for less than 2 percent. Approximately 47 percent of the liquid feed tonnage was handled by the largest size group of firms.

#### MILLING CAPACITY

Milling capacity has been estimated on both a weekly and annual basis. Weekly comparisons appear in appendix tables 67 and 68. Annual capacity estimates are developed in more detail in appendix tables 69-81.

Annual milling capacity (grind and mix) was estimated by using the reported capacity for a 40-hour week and extrapolating to a 52-week period. Direct comparisons of capacity among firms and establishments are difficult since data on actual production and capacity are approximate.

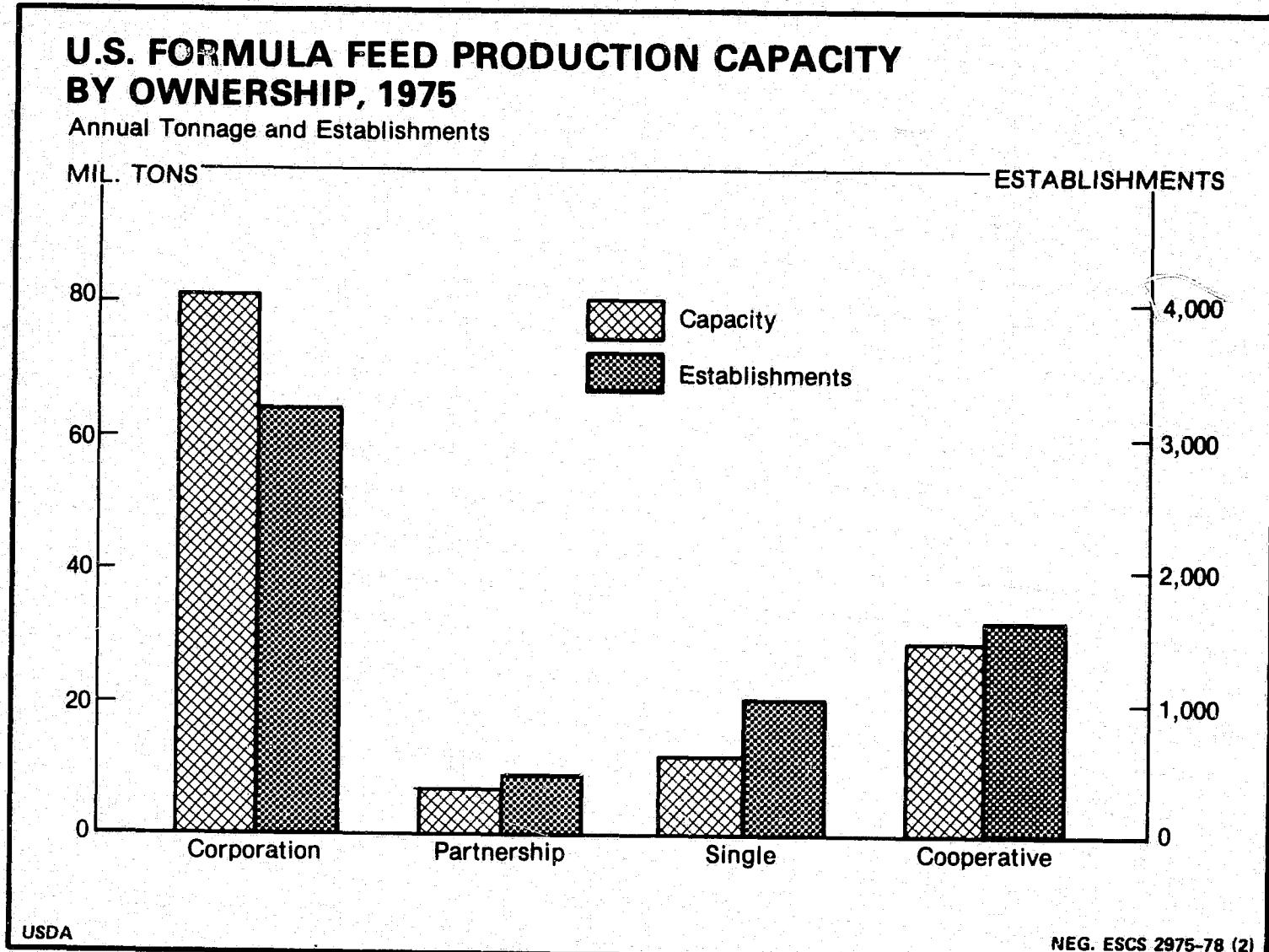
Corporations, accounting for 51 percent of all mills, had milling capacity equal to 62 percent of the U.S. total (app. table 81 and fig. 5). Cooperatives, representing 26 percent of the total establishments, accounted for about 23 percent of total industry capacity. Single owners accounted for 10 percent of total industry capacity. Single owners also controlled 42 percent of the mobile mills and 42 percent of the mobile mill capacity.

Stationary establishments account for about 96 percent of all establishments and for 97 percent of the total U.S. milling capacity. Stationary establishments producing between 1,000 to 9,999 tons annually accounted for 59 percent of all facilities and for 34 percent of the U.S. capacity. Establishments producing 50,000 tons and up accounted for 9 percent of the plants and for over 34 percent of the stationary mill capacity (app. table 80).

Corn Belt establishments had the highest total capacity of those in any region--about 30.1 million tons or 23 percent of the U.S. total (app. table 71). In the Corn Belt, corporations accounted for 58 percent of the capacity, and cooperatives for 27 percent.

In general, the Delta States had the smallest potential milling capacity of any region, 4 percent of the total. Corporations had their lowest concentration of milling--about 5 percent--in the Delta States. Cooperatives were the weakest in the Mountain States, where they accounted for 3 percent of their overall capacity.

Figure 5



Capacity for pelleting accounted for only 23 percent of total U.S. milling capacity in 1975. The Corn Belt had the greatest potential for pelleting, about 5 million tons (app. table 71), and the Lake States had the lowest capacity, 1.3 million tons (fig. 6).

Utilization estimates were developed both regionally and for the United States for each size group and type of ownership (app. table 82 and fig. 7). Average utilization for the dry formula feed industry was about 80 percent. Utilization appeared to be significantly related to size of mill. Mills producing 1,000 to 9,999 tons annually utilized an average of 33 percent of their productive capacity in 1975. Establishments in the largest group had a utilization level of 137 percent. The middle groups' utilization rates were spaced evenly between the two extremes.

Corporations made the fullest use of their capacity, 85 percent, followed by partnerships, with 83 percent. Single-owner plants and cooperatives utilized about 68 percent of their potential capacity.

Regionally, there appeared to be considerable variation in plant utilization due to ownership patterns. Cooperatives obtained the highest average rates of plant utilization in the Lake States, Appalachian, Southeast, Delta, and Pacific regions (app. table 82). The highest average regional rate for corporations occurred in the Delta States, 110 percent.

The lowest rates of utilization for most regions were those of single-owner and partnership establishments. Partnerships' rates were lowest in the Lake States, Appalachians, and Delta States. Single-owner establishments had the lowest utilization rates in the Corn Belt, Northern Plains, Southeast, Mountain, and Pacific regions.

Low utilization rates for these groups resulted from their high proportion of custom grinding and mixing, which required more labor and used equipment less efficiently. Also, a larger number of single-owner and partnership establishments fall into the smallest volume category, which tends to have a lower rate of utilization.

The Corn Belt had the greatest number of liquid feed processors in the survey, 25 percent of the U.S. total (app. table 83). However, annual capacity was largest in the Northern Plains, which accounted for 26 percent of the total survey capacity.

Utilization of capacity in the United States as a whole was 30 percent of potential, with the Mountain region using 66 percent of its potential. Pacific region establishments reported the lowest capacity utilization.

Milling capacity as defined in this study is potential capacity per hour, 8 hours a day, 5 days a week, and 52 weeks a year. However, a number of establishments operate more than 8 hours a day and more than 5 days a week. Appendix table 84 provides some insight as to number of shifts plants generally operate. About 91 percent of survey plants reported that they were

Figure 6

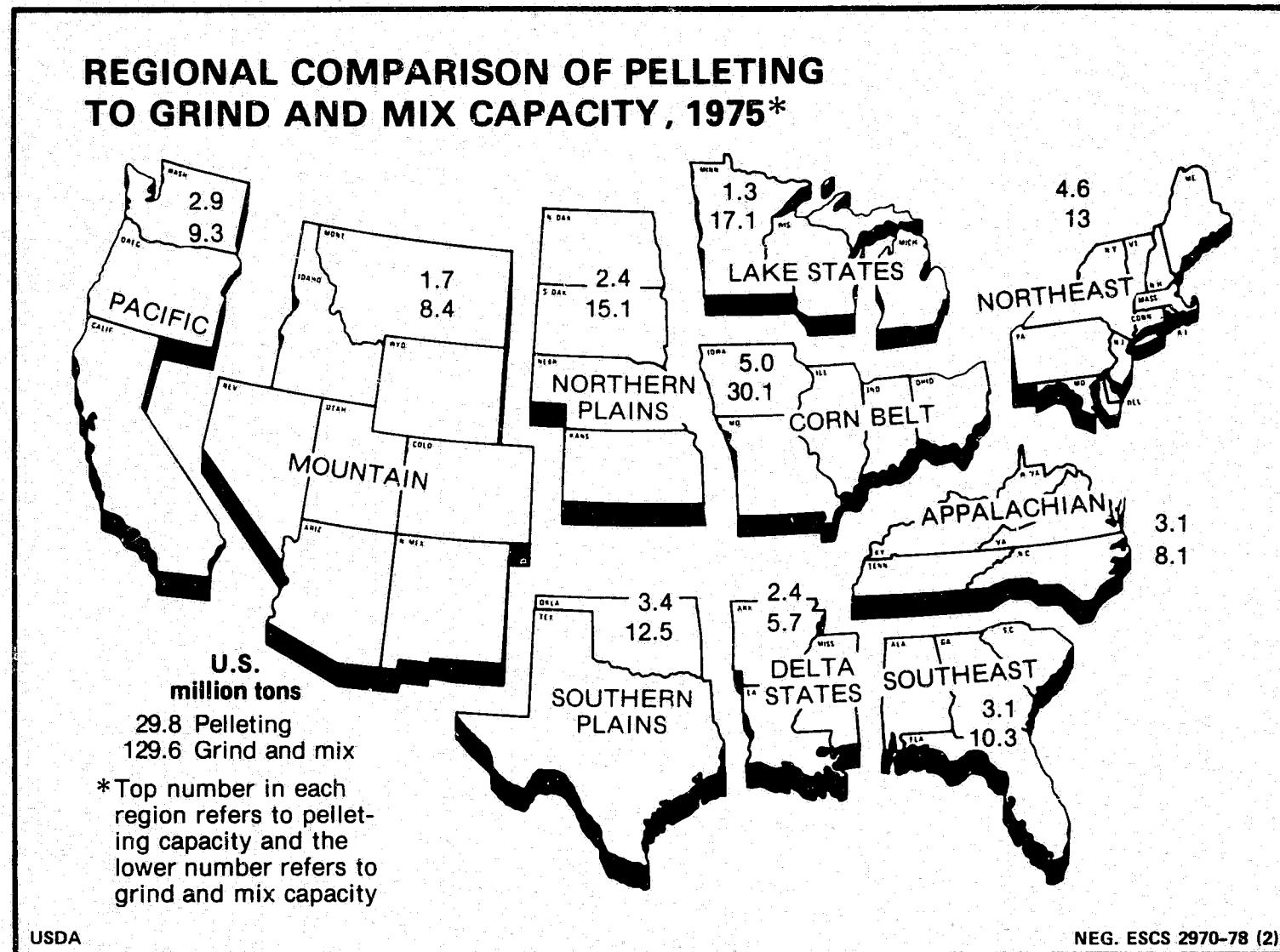
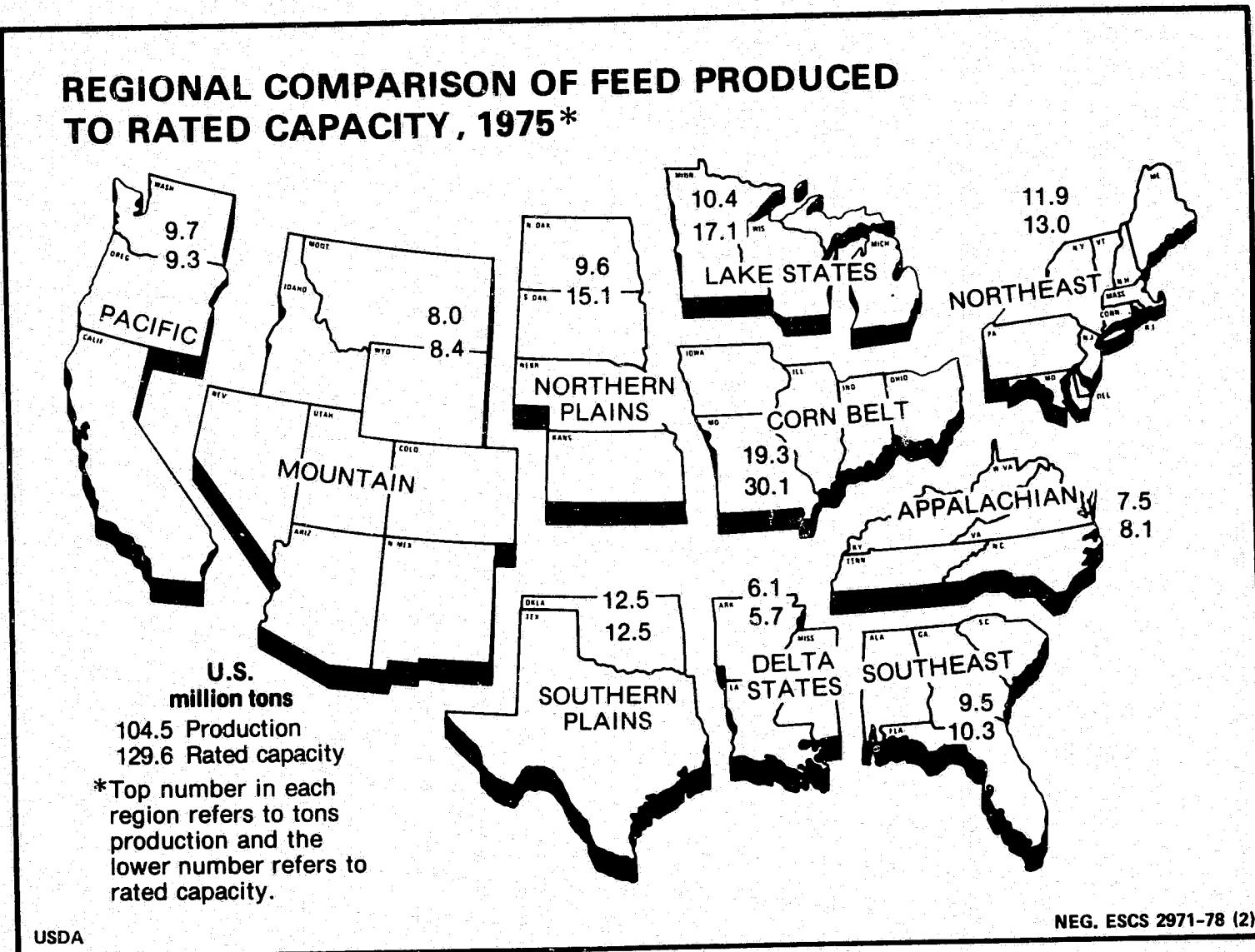


Figure 7



primarily a single shift operation. Seven percent operated two shifts and the remaining 2 percent operated three shifts.

The Northeast and Corn Belt each had 18 percent of the U.S. plants operating two shifts. About 10 percent of the Pacific region's plants operated three shifts and accounted for 18 percent of all the plants operating three shifts.

#### EMPLOYEES

The plants in survey responding to the question of employment reported 46,438 production workers and 69,152 total employees (app. table 85). The average feed establishment employed about 7.4 employees in production and a total of 11 employees at the location. The Northern Plains had the lowest number of production and total employees per establishment. Both the Southern Plains and Pacific regions had the greatest number of employees per establishment.

Weighted average number of employees per mill and output per employee were developed for regions by type of ownership and by size of group (app. tables 86-96). Number of employees generally increased directly with the increase in the size of establishment (app. table 96). For all tonnage groups, the number of total employees was nearly 50 percent more than the number of production workers (app. table 96).

Corporations tended to have a larger number of employees per establishment than the other types of firms, primarily because their establishments were larger. More than 60 percent of the partnership and single-owner establishments were in the two smaller volume groups. Single-owner establishments had a lower proportion of nonproduction employees compared with other types of ownership. For single ownership, nonproduction accounted for about 33 percent of total employees, compared with 52 percent for cooperatives.

Output of partnership establishments was 2,839 tons per production worker, considerably higher than for other types of ownership (app. table 96). Partnerships also seemed to be the most efficient on the basis of units of output for all employees. Cooperatives had the lowest output per production worker. The range in output for all employees appeared to be generally the same as the range in output for production workers among types of ownerships (fig. 8).

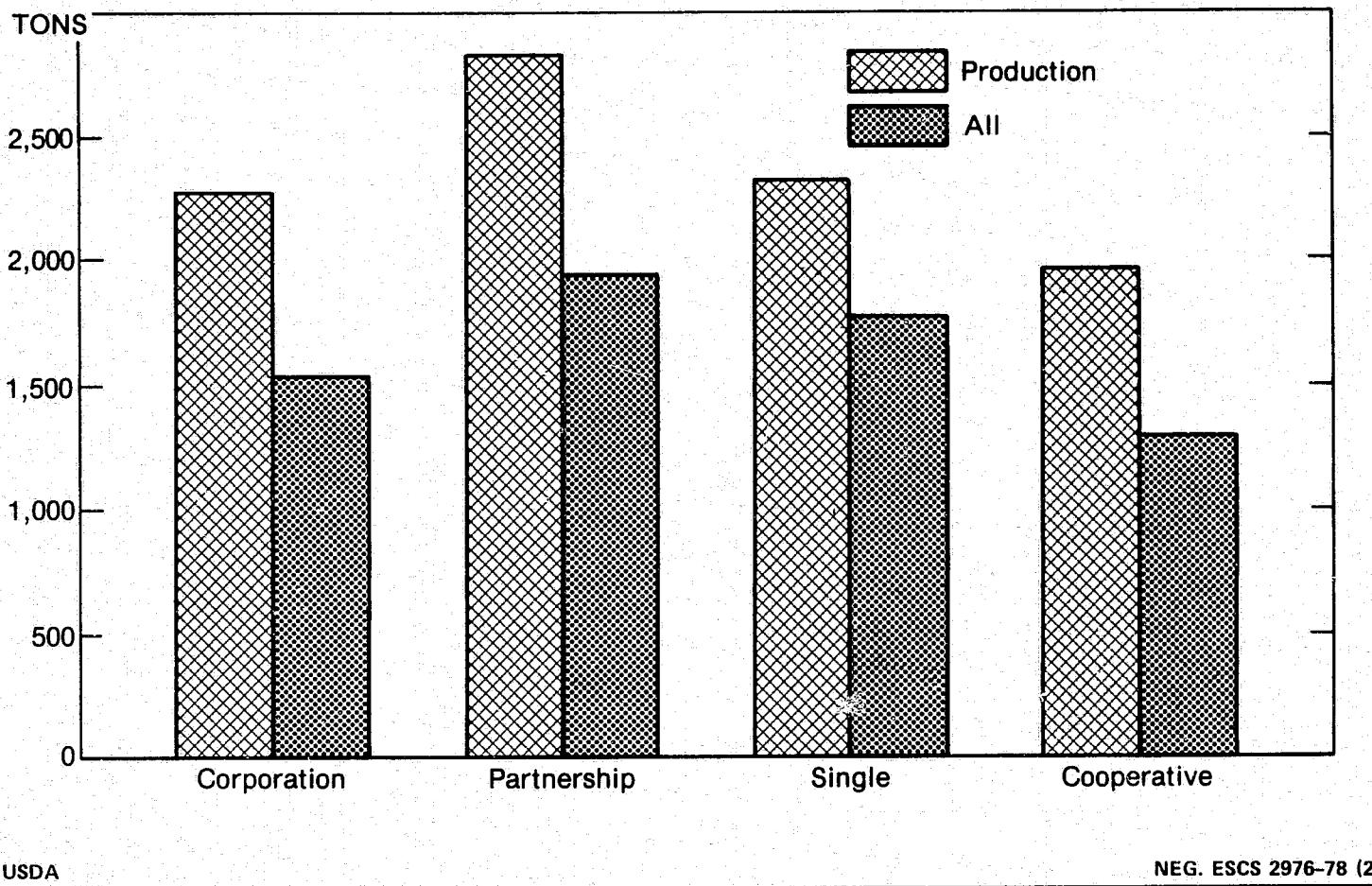
Productivity, measured in tons of output per employee, increased with establishment size. Production employees produced about 167 tons per worker in the smallest group, but output increased to 4,383 tons in the largest group (app. table 96). The same general trend appears with output for all employees; output per total number of employees increased from 117 for the smallest to 2,971 for the largest group. There are several regional differences worth noting. Productivity per worker was the lowest in the Corn Belt (app. table 88) and highest in the Mountain region (app. table 94). Certain characteristics and activities of the industry in each of these regions gave other indications of why productivity was high or low.

Figure 8

17

## U.S. FEED MILL LABOR: AVERAGE OUTPUT PER EMPLOYEE BY OWNERSHIP, 1975

Production and All Employees



USDA

NEG. ESCS 2976-78 (2)

Milling capacity in the Mountain region was a low of 6 percent of total U.S. capacity, while utilization of plant capacity was a high of 93 percent. About 61 percent of the feed manufactured was primary feed, with 40 percent of the total going mainly to livestock owned by the establishment.

Milling capacity for the Corn Belt was extremely high compared with that for other regions--23 percent of the U.S. total. Of this capacity, about 2 percent was accounted for by mobile mills. The feed industry in the Corn Belt region was also more diversified in terms of types of feed manufactured. Some 40 percent of total feed produced was secondary feed and about 34 percent was custom ground and mixed. Since these activities tend to be more labor-intensive than those found in Mountain operations, productivity was lower in the Corn Belt.

#### FEED INGREDIENTS

##### Consumption

Feed ingredient usage information obtained from the manufacturers of primary feed appears in appendix tables 97-103.

Grains used in primary production accounted for about 37.1 million tons, or 53 percent of total ingredients used (app. table 97). Corn made up about 70 percent of the total grain usage. Oilseed meal made up about 17 percent of the ingredients used, with soybean meal accounting for 87 percent of the total oilmeal (app. table 98).

Grain byproducts represented about 11 percent of total ingredients (app. table 99). Wheat millfeed accounted for almost 45 percent of the total grain byproducts used. Animal protein products made up only 4 percent of total ingredients used in 1975 (app. table 100). Meat and bone meal, the largest single ingredient, accounted for 56 percent of the total animal proteins. Minerals represented only 4 percent of the ingredients used, with calcium accounting for about 41 percent of total minerals used (app. table 101).

The group shown in appendix table 102 is a miscellaneous grouping which made up 10 percent of the ingredients used by primary manufacturers in 1975. Molasses constituted about 25 percent of this group. Alfalfa (sun-cured and dehydrated) accounted for almost 32 percent. Appendix table 103 lists a consolidation of microingredients which are introduced in feed mixtures in small amounts. This group made up about 1 percent of the total ingredient tonnage for the survey plants. Premixes made up about 56 percent of the tonnage of this group.

##### Storage

Ingredient storage capacity in the survey plants in 1975 was slightly over 25 million tons (app. table 104). Grain storage, the largest, represented 86 percent of total storage space; about 98 percent of this was for bulk grain. Storage of liquids--molasses and fat--was about 2 percent of the total storage. Total bulk storage for grain and other feed ingredients accounted for 94 per-

cent of the total storage capacity. The Corn Belt region had almost 45 percent of the total reported storage capacity.

Appendix table 106 shows ingredient storage capacity on an establishment basis. Average tons of storage per plant varied considerably by region, reflecting the supply-demand position of the feed manufacturers in that region. Greater storage capacity is expected in both grain surplus and deficit areas. In grain surplus areas, feed manufacturers are frequently involved in grain storage and merchandising, which increases the storage capacity and serves a dual purpose. On the other hand, establishments in deficit areas frequently maintain large storage to obtain better prices, lower transportation rates, and assure supplies when needed.

#### Inshipments

Trucks were used by almost 100 percent of the establishments surveyed. Company trucks were used by 67 percent of the plants; however, 85 percent of the establishments used other trucks. Railroads were used by about 38 percent of the plants. Only a few establishments in the Corn Belt, Appalachian, and Delta regions used barge transportation.

Truck inshipments accounted for almost 84 percent of the total inshipments of ingredients (app. table 105). Company trucks brought in slightly more than one-third, and other trucks about 50 percent, of incoming raw materials. Rail inshipments were about 16 percent of the total, and barge movements accounted for less than one-tenth of 1 percent.

The Mountain and Corn Belt regions had the largest truck inshipments--93.4 percent. The Delta and Northeast regions appeared to be more dependent on rail transportation, which accounted for almost 40 percent of their inshipments. Barge inshipments were quite scattered and the largest appeared to be in Alabama--2 percent of incoming receipts.

#### Losses

Ingredient shrink or weight loss is more severe for some feed manufacturers than others. About 41 percent of the survey respondents claimed losses between 0.06 and 1.0 percent (app. table 107). Almost 60 percent of the plants indicated their losses to be less than 1 percent. About 8 percent of the establishments had losses of over 3 percent.

The Appalachian region had the greatest proportion of plants, 17 percent, with more than a 3-percent loss. Only 3 percent of the plants in the Lake States had more than a 3-percent loss. About 25 percent of the Corn Belt establishments lost less than one-half of 1 percent.

### FINISHED FEED SHIPMENTS

#### Handling and Storage

Primary feed manufacturers surveyed packaged around one-third of the

primary feed manufactured (app. table 108). Lake States and Appalachian regions both packaged about 45 percent of their primary output. The Pacific region reported the lowest in bagged feeds, 15 percent of their primary output.

To accommodate the finished feed production, both bulk and bagged storage capacity is required. About 45 percent of survey plants' storage was devoted to packaged feeds (app. table 109). The remaining 55 percent was used for bulk, with only about 3 percent for liquid feed storage. Finished feed storage breakdowns for each region by type of ownership and by size interval appear in appendix table 110.

#### Outshipments

All of the plants responding to the question about outshipments used some form of truck transportation, with about 91 percent using company trucks. Customer-owned trucks were used at 80 percent of the establishments and 17 percent used other trucks. Seventeen percent of these establishments used railroad and only 3 percent used barges.

Almost 62 percent of the manufactured feed left the plant via company truck (app. table 111). Customer-owned trucks handled 32 percent and 5 percent was delivered by other trucks. In all, 98.3 percent of the feed was delivered by truck and the remaining 1.7 percent by rail. Truck deliveries ranked highest, 99.6 percent of all feed, in the Mountain States and lowest in the Southeast, 96.4 percent. Distribution between type of truck used varied widely when compared on a State basis; however, use of other trucks remained minor.

An important factor in determining the mode of transportation to be used is miles transported. All truck mileages were less than for rail, and rail distances were less than barge distances (app. table 112). Longer shipments move by rail or barge since costs are usually less if the shipments are of sufficient size. Company trucks hauled an average distance of 30 miles, customer-owned truck 27 miles, and other trucks 123 miles. Average rail shipments were 303 miles and barge shipments, 453 miles.

Data illustrate that proximity of customers is an important factor in determining the location of feed plants. An area serviceable by truck is considered the most economical and feasible. Manufacturers of supplements and premixes usually ship farther than do those producing complete feeds.

#### ESTABLISHMENTS BY MAJOR SOURCE OF INCOME

Feed manufacturing was the primary source of income for about one-third of the surveyed establishments. Farm supply was the most important source for about 25 percent of them and grain merchandising for 22 percent. Many establishments depended on livestock and poultry enterprises as their primary source of income (app. table 113).

On a regional basis, feed manufacturing appeared to be the most important source of income for firms producing feed in all regions except the Lake States, Corn Belt, Northern Plains, and Appalachian. Farm supply was, in general, the second major source of gross income in most regions.

#### Feed Manufacturing

Nearly 52 million tons of formula feed were produced by the 1,998 establishments that reported feed manufacturing as the major source of gross income during 1975 (app. tables 113 and 114).

Primary production from this group equaled 45 million tons, 87 percent of total feed produced (fig. 9). These feed manufacturers also produced 6.5 million tons of secondary feed. Establishments reporting production of only primary feed manufactured 39.8 million tons, and establishments manufacturing only secondary feed produced 3.7 million tons. Those producing both primary and secondary feed manufactured 8 million tons, of which 65 percent was primary feed (app. tables 115 and 116).

For this group as a whole, poultry feeds accounted for 36 percent of their output of primary feed. Layer-breeder and starter-grower feed represented 53 percent of all primary poultry feed manufactured and 19 percent of total primary production. Swine feed made up 15 percent of total primary feed. Dairy feed, the largest volume feed, claimed 26 percent of the total produced (app. tables 117 and 118 and fig. 9).

Distribution through regular commercial channels (wholesale and retail) was 37.8 million tons, or 73 percent of their total output. Wholesale volume was 44 percent, while retail volume was 30 percent of output (app. tables 119 and 120). Wholesaling was carried on by 829 establishments and retailing by 1,392 establishments.

Custom feeding by 116 establishments accounted for about 3 percent of total feed output of firms relying on feed manufacturing as their major source of income. Own-livestock accounted for 16 percent of total distribution, while custom grinding and mixing, which included toll milling for other feed manufacturers, represented nearly 8 percent of the total.

Annual feed milling capacity for these establishments (1,931 stationary mills and 91 mobile mills) was around 56 million tons (app. table 121).

Overall employment per establishment was 17 employees, including 11.5 production workers. Output of feed per production employee averaged 2,238 tons and for all employees, 1,518 tons (app. table 122).

#### Dairy Production

Forty-five feed establishments that reported dairy production as the major source of gross income produced slightly more than 239,000 tons of formula feed in 1975 (app. tables 113 and 114). Fifty-two percent of total production was primary feed. About 37 percent of total feed output was produced at locations specializing in primary feed and accounted for 25 percent of the total output.

Figure 9

## U.S. FORMULA FEED PRODUCTION BY MAJOR SOURCE OF INCOME, 1975

Primary and Secondary

PERCENT

Primary  
Secondary

75

50

25

0

Feed

Cattle

Broiler

Hog

Egg

Turkey

USDA

NEG. ESCS 2974-78 (2)

The balance of establishments reported manufacturing both primary and secondary products, with a breakout of 14 percent primary and 24 percent secondary feed.

Custom grind and mix tonnage was 29 percent of total distribution, while an equal quantity went to their own livestock. Distribution through retail was 27 percent of output, leaving only about 0.1 percent for wholesale (app. table 119).

Annual capacity of almost 385,000 tons consisted of 346,000 tons from stationary mills and 38,414 tons from mobile mills (app. table 121).

Production workers per establishment averaged 3.6 persons, with average output at 1,585 tons. Total employment per establishment was 5.7 employees, whose individual output averaged 933 tons (app. table 122).

#### Cattle Feeding

There were 346 establishments with cattle feeding as their major source of gross income, and they produced nearly 14.4 million tons of formula feed in 1975 (app. tables 113 and 114).

Primary production was 8.6 million tons and secondary production, 5.8 million tons. About 8.1 million tons of primary feed were produced by 175 primary cattle feed establishments. About 5.7 million tons of secondary feed were produced by 139 feed mills specializing in this type production. Establishments producing both primary and secondary feeds manufactured 0.6 million tons.

The major method of distribution was custom feeding, equal to about 52.2 percent of total output, while 45 percent went to their own livestock. Custom grinding and mixing and retail were each slightly over 1 percent of total output (app. table 119). Annual capacity for these establishments was rated at 14.5 million tons (app. table 121).

Production workers totaled 6.1 per establishment. Production per employee for all employees was 4,442 tons and 6,996 tons per production worker. This group had the highest labor-output per ton ratio of the seven categories of establishments considered in this section of the report (app. table 122).

#### Hog Production

Hog production was the major source of gross income for 139 feed manufacturing establishments; these establishments produced slightly more than 0.6 million tons of formula feed in 1975 (app. tables 113 and 114).

Primary feed at these operations equaled about 17 percent of total production. Twenty-four establishments confined their output to primary products, while 25 establishments produced both primary and secondary feed.

Distribution of 154,000 tons was made through custom grinding and mixing by 40 percent of the plants. Own livestock was the outlet for about 27 percent of the tonnage, while retail volume accounted for about 45 percent (app. table 119).

Annual capacity of this group was slightly larger than 1 million tons, about twice the actual production. Utilization for this group was the lowest among those classified on the basis of major source of gross income (app. table 121).

Average total employment per mill was 4.1, with 3.2 of them production employees. Output per production employee was 1,432 tons, compared with 1,091 tons for all employees (app. table 122).

#### Turkey Production

Thirty-seven feed establishments indicated turkey production as their major source of gross income. These establishments produced nearly 1.1 million tons of formula feed in 1975 (app. tables 113 and 114). Primary tonnage accounted for 98 percent of the total. Only two establishments manufactured both primary and secondary feed.

Feed for their own turkeys accounted for 87 percent of total production. Two commercial channels--wholesale and retail--absorbed 12.8 percent of total production. The remaining tonnage was divided between custom grind and mix and custom feeding (app. table 119).

Annual capacity for these establishments was almost 1.7 million tons, and utilization was nearly 67 percent of rated capacity (app. table 121).

Average output per employee for all employees was 2,318 tons, and there was an average of 13.2 employees per establishment. Production employees averaged 10.5 per establishment, and their output averaged 2,911 tons (app. table 122).

#### Broiler Production

Seventy-seven feed manufacturers received a major part of their gross income from broiler production. Their formula feed production totaled nearly 7.7 million tons in 1975. Almost 100 percent of the feed was primary feed (app. tables 113 and 114).

Almost 97 percent of the output was fed to the establishments' own poultry. All of the 77 establishments reported some feed production for their own livestock (app. table 119).

Annual capacity for the 77 establishments was about 4.7 million tons (app. table 121). Utilization of milling facilities, however, exceeded rated capacity by 63 percent, which indicates that either the average hours per week per employee were more than the standard 40-hour week or more than one shift was operated per day.

Average employment per establishment was 23.4 workers, of which 16.1 were production workers. Output per person was 4,349 tons for all employees and 6,302 tons for production workers (app. table 122).

#### Egg Production

Egg production was the major source of gross income for 119 feed manufacturing establishments. Of the 2.4 million tons of feed produced by these establishments in 1975, primary feed represented 80 percent (app. tables 113 and 114). Establishments producing only primary feed accounted for 77 percent of the primary feed manufactured.

Eighty-nine percent of these establishments fed their own poultry, with 80 percent of the total feed produced being used for this purpose. Some 9 percent was custom ground and mixed and about the same amount was retailed (app. table 119).

Annual rated capacity for these establishments was about 2.8 million tons, with utilization of rated capacity at 87 percent (app. table 121).

Production employees averaged 6.8 per establishment, with an average output of 3,013 tons per employee. For all mill employees, average output was 2,426 tons and an average of 8.3 employees per establishment (app. table 122).

#### Ingredient Inventories

Inventory programs of the feed manufacturers differed widely across the country. On the average, the feed plants maintained about 62 working days of grains, 20 days of protein, and 25 days of byproduct feed (app. table 123). Inventories tended to be smallest in the Delta States and largest in the Mountain region.

Hog producers, grain storage facilities, grain merchandisers, and oilseed processors tended to have the greatest number of days inventory of grain. There was a great deal of variation among regions, however. Oilseed processing firms maintained the largest inventory of proteins--these inventories were equal to nearly one-third the grain inventories (in terms of number of days) of the oilseed processing firms. The longest byproduct feed inventory was held by the grain storage group.

Inventories of premixes and drugs are shown in appendix table 124. On the average, the establishments maintained a 30-day supply of premixes and a 41-day supply of drugs. Length of inventory varied, as did the grains and other ingredients stored, but the range did not appear to be as great. There seemed to be more uniformity in storage of premixes and drugs used in feed than other ingredients. The largest inventories were held in the Mountain region.

Those establishments whose main source of income was feed manufacturing maintained inventories of premixes and drugs about equal to the U.S. averages. Oilseed processors had the longest inventory of premixes, while turkey producers had the longest inventory of drugs.

## APPENDIX TABLES

All tables have been incorporated into general subject groups in the appendix. All tables in the appendix were developed from 1975 survey data. Survey data were expanded by volume strata in each State. The following notations apply to all of the tables:

- 1) Data used in each table apply only to establishments responding to the particular question.
- 2) Individual items may not total because of rounding and because of the expansion process.
- 3) Sums of establishments in some tables may be larger than actual totals because many establishments perform more than one function, manufacture more than one type of feed, use more than one method of distribution, and so forth.

APPENDIX TABLE 1.--NUMBER OF FEED MANUFACTURING ESTABLISHMENTS PRODUCING FORMULA FEED, BY FORM OF OWNERSHIP, BY STATE AND REGION, 1975

STATE AND REGION	FORM OF OWNERSHIP					TOTAL
	CORPORATION	PARTNERSHIP	SINGLE OWNER	FARMER COOPERATIVE		
NUMBER						
MAINE-----	1/	0	1/	0		12
NEW HAMPSHIRE-----	1	0	0	0		1
VERMONT-----	1/	0	0	1/		1/
MASSACHUSETTS-----	8	0	0	5		13
CONNECTICUT-----	1/	0	0	1/		1/
NEW YORK-----	101	17	39	68		225
NEW JERSEY-----	1/	0	17	9		19
PENNSYLVANIA-----	93	25	63	63		245
DELAWARE-----	10	0	1/	1/		17
MARYLAND-----	25	1/	1/	22		62
NORTHEAST-----	270	49	121	177		611
MICHIGAN-----	83	9	24	36		147
WISCONSIN-----	145	18	97	155		415
MINNESOTA-----	133	14	33	127		368
LAKE STATES-----	361	37	154	318		870
OHIO-----	134	1/	1/	130		335
INDIANA-----	198	32	56	83		371
ILLINOIS-----	212	18	77	66		372
IOWA-----	278	33	66	203		581
MISSOURI-----	138	1/	1/	54		241
CORN BELT-----	961	105	297	538		1900
NORTH DAKOTA-----	28	0	8	21		56
SOUTH DAKOTA-----	43	15	11	45		113
NEBRASKA-----	145	13	30	78		266
KANSAS-----	199	29	30	180		438
NORTHERN PLAINS-----	914	57	79	323		873
VIRGINIA-----	49	1/	12	1/		87
WEST VIRGINIA-----	1/	0	0	1/		12
NORTH CAROLINA-----	105	29	31	19		184
KENTUCKY-----	1/	1/	24	23		113
TENNESSEE-----	35	24	18	9		86
APPALACHIAN-----	238	72	86	86		482
SOUTH CAROLINA-----	33	1/	10	1/		49
GEORGIA-----	110	6	32	10		157
FLORIDA-----	70	1/	4	1/		86
ALABAMA-----	41	4	32	22		99
SOUTHEAST-----	253	17	78	43		391
MISSISSIPPI-----	38	15	9	15		77
ARKANSAS-----	49	1/	15	1/		83
LOUISIANA-----	24	1/	5	1/		36
DELTA STATES-----	111	29	29	27		196
OKLAHOMA-----	72	1/	25	1/		115
TEXAS-----	200	1/	88	1/		358
SOUTHERN PLAINS-----	271	55	113	33		473
MONTANA-----	36	0	8	13		57
IDAHO-----	53	1/	1/	18		76
WYOMING-----	9	1/	1/	0		12
COLORADO-----	40	6	11	7		64
NEW MEXICO-----	24	0	1/	1/		27
ARIZONA-----	21	1/	0	1/		24
UTAH-----	20	0	5	8		37
NEVADA-----	4	4	0	0		7
MOUNTAIN-----	206	18	31	49		304
WASHINGTON-----	21	8	7	9		45
OREGON-----	20	5	7	8		43
CALIFORNIA-----	108	22	10	11		151
PACIFIC-----	149	38	23	29		239
47 STATES-----	3234	471	1012	1623		6340

1/ DATA NOT GIVEN TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

APPENDIX TABLE 2.--NUMBER AND PRODUCTION OF FEED MANUFACTURING ESTABLISHMENTS PRODUCING FORMULA FEEDS BY FORM OF OWNERSHIP, BY STATE AND REGION, 1975

STATE AND REGION	ESTABLISHMENTS	FORM OF OWNERSHIP					TOTAL
		CORPORATION	PARTNERSHIP	SINGLE OWNER	FARMER COOPERATIVE		
	NUMBER	TONS					
MAINE-----	12	1/	0	1/	0	0	748859
NEW HAMPSHIRE-----	7	179617	0	0	0	0	179617
VERMONT-----	17	1/	0	0	0	0	843733
MASSACHUSETTS-----	13	78565	0	0	243073	0	321638
CONNECTICUT-----	17	1/	0	0	0	0	88082
NEW YORK-----	225	1087915	97231	437147	825596	0	2447799
NEW JERSEY-----	19	1/	0	1/	372773	0	402640
PENNSYLVANIA-----	245	1699308	126265	342396	826350	0	2594556
DELAWARE-----	17	778475	0	0	0	0	639386
MARYLAND-----	62	1518841	1/	1/	213753	0	3025580
NORTHEAST-----	611	6501963	244496	2274324	2871510	0	11692292
MICHIGAN-----	147	619045	5386	138029	303197	0	1058456
WISCONSIN-----	415	2042284	392749	757696	3418564	0	6611493
MINNESOTA-----	308	1572713	57615	148978	939131	0	2718437
LAKE STATES-----	870	4234042	455751	1037703	4660892	0	10348387
OHIO-----	335	1828120	1/	1/	861736	0	3779452
INDIANA-----	371	2290999	151578	717613	336887	0	3497015
ILLINOIS-----	372	2950305	50093	390428	565659	0	3556485
IOWA-----	581	3164843	161235	244751	2272276	0	5843104
MISSOURI-----	241	1726948	1/	1/	713865	0	2617718
CORN BELT-----	1900	11561214	1360064	1622136	4750422	0	15295835
NORTH DAKOTA-----	56	140753	0	22472	98658	0	261883
SOUTH DAKOTA-----	113	403763	140935	19896	438053	0	1032647
NEBRASKA-----	266	2208372	176391	141123	712147	0	3238584
KANSAS-----	438	3827263	116102	165738	954946	0	5064049
NORTHERN PLAINS-----	873	6580151	433978	349230	2203805	0	9567163
VIRGINIA-----	87	967585	1/	42834	1/	0	1191046
WEST VIRGINIA-----	12	1/	0	0	0	0	47378
NORTH CAROLINA-----	184	2183000	58908	537932	354833	0	3134673
KENTUCKY-----	113	1/	1/	62503	46098	0	838655
TENNESSEE-----	86	1637828	153367	99677	44494	0	2315367
APPALACHIAN-----	482	5506270	243864	74297	1034038	0	7527119
SOUTH CAROLINA-----	49	269789	1/	12670	1/	0	345273
GEORGIA-----	157	3663939	41077	178887	606426	0	4490329
FLORIDA-----	86	2103426	1/	31250	1/	0	2541386
ALABAMA-----	99	1380326	253101	84103	385103	0	2110633
SOUTHEAST-----	391	7425480	301033	306910	1454397	0	9467821
MISSISSIPPI-----	77	829609	229605	162350	575337	0	1796901
ARKANSAS-----	83	3006404	1/	95115	1/	0	3573818
LOUISIANA-----	36	588102	1/	18189	1/	0	775138
DELTA STATES-----	196	4422115	442341	275654	1005747	0	6145857
OKLAHOMA-----	115	2313560	1/	409904	1/	0	2822090
TEXAS-----	358	7472080	1/	1059174	1/	0	9695829
SOUTHERN PLAINS-----	473	9785639	749635	1469078	513568	0	12517919
MONTANA-----	57	182386	0	41100	88890	0	312376
IDAKO-----	76	1006017	1/	1/	99905	0	1173487
WYOMING-----	12	34852	1/	1/	0	0	74402
COLORADO-----	64	3122446	444675	132315	107298	0	3806634
NEW MEXICO-----	27	353373	0	1/	1/	0	362285
ARIZONA-----	24	1286599	1/	0	1/	0	1400427
UTAH-----	37	330231	16886	13704	190232	0	551053
NEVADA-----	7	316467	29195	0	0	0	345662
MOUNTAIN-----	304	6632370	583911	266456	541588	0	8026326
WASHINGTON-----	45	725230	116242	9536	304578	0	1155586
OREGON-----	43	151397	26882	59981	164547	0	442806
CALIFORNIA-----	151	6007216	1046031	51275	981050	0	8085571
PACIFIC-----	239	6923843	1189154	120791	1450175	0	9683963
47 STATES-----	6340	69573087	6004226	8467228	20486140	0	104530681

1/ DATA NOT GIVEN TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

APPENDIX TABLE 3--FEED MANUFACTURING ESTABLISHMENTS: MILLING OPERATIONS, BY STATE AND REGION, 1975

STATE AND REGION	FEED MILLING OPERATIONS					TOTAL MILLING OPERATIONS
	STATIONARY MILLS ONLY	STATIONARY MILLS WITH MOBILE MILLS	MOBILE MILLS ONLY	TOTAL MOBILE MILLS		
-NUMBER-						
MAINE-----	12	0	0	0		12
NEW HAMPSHIRE-----	7	0	0	0		7
VERMONT-----	0	0	0	0		
MASSACHUSETTS-----	13	0	0	0		13
CONNECTICUT-----	6	0	0	0		
NEW YORK-----	217	4	4	16		225
NEW JERSEY-----	15	2	2	4		19
PENNSYLVANIA-----	194	23	28	68		245
DELAWARE-----	16	0	1	1		17
MARYLAND-----	57	0	5	5		62
NORTHEAST-----	512	29	40	93		611
MICHIGAN-----	141	1	4	6		147
WISCONSIN-----	397	15	3	21		415
MINNESOTA-----	258	32	19	66		308
LAKE STATES-----	796	48	26	93		870
OHIO-----	319	3	12	25		335
INDIANA-----	361	3	7	11		371
ILLINOIS-----	361	3	9	13		372
IOWA-----	532	34	15	60		581
MISSOURI-----	231	1	9	10		241
CORN BELT-----	1804	44	52	119		1900
NORTH DAKOTA-----	47	5	4	10		56
SOUTH DAKOTA-----	104	3	7	8		113
NEBRASKA-----	230	7	29	45		266
KANSAS-----	412	11	15	46		438
NORTHERN PLAINS-----	793	26	54	108		873
VIRGINIA-----	76	4	7	17		87
WEST VIRGINIA-----	12	0	0	0		12
NORTH CAROLINA-----	175	1	8	10		184
KENTUCKY-----	104	6	3	12		113
TENNESSEE-----	79	0	7	7		86
APPALACHIAN-----	446	12	24	46		482
SOUTH CAROLINA-----	48	0	1	1		49
GEORGIA-----	150	1	6	11		157
FLORIDA-----	86	0	0	0		86
ALABAMA-----	98	1	0	3		99
SOUTHEAST-----	381	3	7	15		391
MISSISSIPPI-----	77	0	0	0		77
ARKANSAS-----	83	0	0	0		83
LOUISIANA-----	36	0	0	0		36
DELTA STATES-----	196	0	0	0		196
OKLAHOMA-----	110	1	4	42		115
TEXAS-----	342	5	11	20		358
SOUTHERN PLAINS-----	452	7	15	62		473
MONTANA-----	55	2	0	2		57
IDAHO-----	76	0	0	0		76
WYOMING-----	12	0	0	0		12
COLORADO-----	64	0	0	0		64
NEW MEXICO-----	27	0	0	0		27
ARIZONA-----	24	0	0	0		24
UTAH-----	36	1	0	1		37
NEVADA-----	7	0	0	0		7
MOUNTAIN-----	301	3	0	5		304
WASHINGTON-----	45	0	0	0		45
OREGON-----	43	0	0	0		43
CALIFORNIA-----	149	2	0	0		151
PACIFIC-----	237	2	0	0		239
47 STATES-----	5949	173	218	540		6340

APPENDIX TABLE 4--FORMULA FEED: NUMBER OF FEED MANUFACTURING ESTABLISHMENTS WITH ONLY PRIMARY, ONLY SECONDARY,  
AND BOTH PRIMARY AND SECONDARY MANUFACTURING, BY STATE AND REGION, 1975

STATE AND REGION	ONLY PRIMARY MANUFACTURING	ONLY SECONDARY MANUFACTURING	BOTH PRIMARY AND SECONDARY MANUFACTURING	TOTAL
- - - - - NUMBER - - - - -				
MAINE-----	12	0	0	12
NEW HAMPSHIRE-----	7	0	0	7
VERMONT-----	1/	0	0	1/
MASSACHUSETTS-----	13	0	0	13
CONNECTICUT-----	1/	0	0	1/
NEW YORK-----	76	68	81	225
NEW JERSEY-----	5	10	4	19
PENNSYLVANIA-----	54	67	125	245
DELAWARE-----	14	3	0	17
MARYLAND-----	15	29	21	62
NORTHEAST-----	205	176	230	611
MICHIGAN-----	29	91	27	147
WISCONSIN-----	33	218	164	415
MINNESOTA-----	52	156	99	308
LAKE STATES-----	115	466	290	870
OHIO-----	39	227	69	335
INDIANA-----	83	224	64	371
ILLINOIS-----	57	277	38	372
IOWA-----	130	278	173	581
MISSOURI-----	37	143	61	241
CORN BELT-----	346	1149	405	1900
NORTH DAKOTA-----	13	35	7	56
SOUTH DAKOTA-----	17	75	21	113
NEBRASKA-----	88	129	49	266
KANSAS-----	79	256	104	438
NORTHERN PLAINS-----	197	494	182	873
VIRGINIA-----	19	35	32	87
WEST VIRGINIA-----	0	8	4	12
NORTH CAROLINA-----	71	96	18	189
KENTUCKY-----	9	72	32	113
TENNESSEE-----	48	25	12	86
APPALACHIAN-----	148	236	98	482
SOUTH CAROLINA-----	17	25	6	49
GEORGIA-----	65	62	30	157
FLORIDA-----	65	6	15	86
ALABAMA-----	29	38	32	99
SOUTHEAST-----	176	131	84	391
MISSISSIPPI-----	40	19	19	77
ARKANSAS-----	59	1/	1/	83
LOUISIANA-----	29	1/	1/	36
DELTA STATES-----	127	40	28	196
OKLAHOMA-----	60	17	38	115
TEXAS-----	181	91	87	358
SOUTHERN PLAINS-----	241	108	125	473
MONTANA-----	23	1/	1/	57
IDAHO-----	18	40	17	76
WYOMING-----	5	1/	1/	12
COLORADO-----	25	24	15	64
NEW MEXICO-----	24	0	3	27
ARIZONA-----	21	1/	1/	24
UTAH-----	14	19	3	37
NEVADA-----	7	0	0	7
MOUNTAIN-----	137	89	78	304
WASHINGTON-----	28	1/	1/	45
OREGON-----	25	1/	1/	43
CALIFORNIA-----	113	14	24	151
PACIFIC-----	166	22	51	239
47 STATES-----	1857	2912	1571	6340

1/ DATA NOT GIVEN TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

APPENDIX TABLE 5.--FORMULA FEED: PRODUCTION FROM ESTABLISHMENTS WITH ONLY PRIMARY, ONLY SECONDARY, AND BOTH PRIMARY AND SECONDARY MANUFACTURING, BY STATE AND REGION, 1975

STATE AND REGION	ONLY PRIMARY MANUFACTURING	ONLY SECONDARY MANUFACTURING	BOTH PRIMARY AND SECONDARY MANUFACTURING		TOTAL
			PRIMARY	SECONDARY	
-TONS-					
MAINE-----	748355	0	0	0	748859
NEW HAMPSHIRE	179617	0	0	9	179617
VERMONT-----	843733	0	0	0	843733
MASSACHUSETTS	321638	0	0	0	321638
CONNECTICUT-----	68082	0	0	0	68082
NEW YORK-----	1414551	416832	354627	261787	2447799
NEW JERSEY-----	353248	29867	7870	11654	402640
PENNSYLVANIA-----	1753174	355259	518021	368523	2954958
DELAWARE-----	823959	15429	0	0	839388
MARYLAND-----	2748088	151554	70847	55100	3025580
NORTHEAST-----	9274941	968921	951366	697065	15892292
NICHIGAN-----	349985	588804	43340	76327	1058456
WISCONSIN-----	762980	3072165	939250	1837059	6611493
MINNESOTA-----	1134212	659214	467914	457098	2718437
LAKE STATES-----	2247177	4320183	1450503	2370523	10388387
OHIO-----	2040385	1058077	417341	263649	3779452
INDIANA-----	1870831	114047	217306	294892	3497076
ILLINOIS-----	1649793	1372574	367549	166569	3556485
IOWA-----	2351797	1430337	801353	1259617	5843104
MISSOURI-----	1617462	600501	257426	142330	2617718
CORN BELT-----	9530267	5575536	2060975	2127056	19293835
NORTH DAKOTA-----	151556	82737	11555	16036	261883
SOUTH DAKOTA-----	318414	359134	127579	196920	1002647
NEBRASKA-----	1406943	1062838	463591	285213	3238564
KANSAS-----	1666256	2645299	379570	372925	5064049
NORTHERN PLAINS-----	3543169	4150607	1002294	871093	9567163
VIRGINIA-----	710982	80869	295122	104074	1191046
WEST VIRGINIA-----	0	8000	22522	16856	47378
NORTH CAROLINA-----	2291042	605989	200462	37264	3134673
KENTUCKY-----	477711	214300	87900	58745	838655
TENNESSEE-----	2165194	90243	37277	22653	2315367
APPALACHIAN-----	5644929	999316	643282	239592	7527119
SOUTH CAROLINA-----	278645	45520	12601	8507	345273
GEORGIA-----	3509031	510037	347250	124011	4490329
FLORIDA-----	2201056	47585	217830	75114	2541586
ALABAMA-----	1652250	290614	114233	53556	2110633
SOUTHEAST-----	7640962	893756	691914	261189	9487821
MISSISSIPPI-----	1683548	46442	30601	34311	1796901
ARKANSAS-----	3141006	1/	196783	1/	3573818
LOUISIANA-----	752459	1/	15232	1/	775138
DELTA STATES-----	5577014	250640	242616	75587	6145857
OKLAHOMA-----	1929758	675666	170650	96016	2822090
TEXAS-----	6965574	1191883	925323	613049	9695829
SOUTHERN PLAINS-----	8895333	1867549	1095973	659065	12517919
MONTANA-----	162526	1/	100177	1/	312376
IDAHO-----	322938	687914	133802	28833	1173487
WYOMING-----	23689	1/	1/	1/	74902
COLORADO-----	1262892	1831903	523397	188442	3806634
NEW MEXICO-----	329342	0	26202	6740	362285
ARIZONA-----	1255557	1/	1/	1/	1400427
UTAH-----	261475	230062	45226	14091	551053
NEVADA-----	345662	0	0	0	345662
MOUNTAIN-----	3964281	2874389	902309	285347	8026326
WASHINGTON-----	1019024	1/	51935	1/	1155586
OREGON-----	269427	1/	110834	1/	442806
CALIFORNIA-----	7366054	56746	497740	165031	8085571
PACIFIC-----	8854505	75475	660509	293473	9683963
47 STATES-----	64972576	21976372	9701743	2879990	104530681

1/ DATA NOT GIVEN TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

APPENDIX TABLE 6.--PRODUCTION: PRIMARY AND SECONDARY FORMULA FEEDS, BY OWNERSHIP AND SIZE INTERVAL,  
NORTHEAST REGION, 1975

OWNERSHIP AND SIZE INTERVAL	PRIMARY PRODUCTION			SECONDARY PRODUCTION			BOTH PRIMARY AND SECONDARY PRODUCTION			TOTAL		TOTAL		TOTAL PRODUCTION	
	ESTABLISH- MENTS		FEED	ESTABLISH- MENTS	FEED	ESTABLISH- MENTS	PRIMARY	SECONDARY	FEED	FEED	FEED	FEED	FEED	FEED	FEED
	ESTABLISH- MENTS	FEED	ESTABLISH- MENTS	FEED	ESTABLISH- MENTS	FEED	ESTABLISH- MENTS	PRIMARY	SECONDARY	FEED	FEED	FEED	FEED	FEED	FEED
	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	NUMBER	TONS
CORPORATION:															
UP TO 999 TONS---	5	2087	10	4792	4	2093	650	4179	5442	19	9621				
1,000-9,999 TONS--	39	196344	39	140680	68	150118	147490	346462	288170	145	634632				
10,000-24,999 TONS--	18	313775	9	120201	14	100619	65206	414394	185407	41	599801				
25,000-49,999 TONS--	24	813101	1	31457	3	49005	49240	862106	80697	29	942803				
50,000 TONS AND UP--	34	4084771	1	79100	1	114938	36296	4199710	115396	37	4315105				
TOTAL-----	120	5410078	60	376230	90	416773	298881	5826851	675111	270	6501963				
PARTNERSHIP:															
UP TO 999 TONS---	1	984	0	0	3	2213	141	3197	141	4	3338				
1,000-9,999 TONS--	8	38000	7	29197	18	54145	34646	92144	63843	33	155987				
10,000-24,999 TONS--	1	18148	0	0	5	14336	52686	32484	52686	7	85170				
25,000-49,999 TONS--	0	0	0	0	0	0	0	0	0	0	0			0	
50,000 TONS AND UP--	0	0	0	0	0	0	0	0	0	0	0			0	
TOTAL-----	11	57131	7	29197	26	70694	87473	127825	116670	44	244495				
SINGLE OWNER:															
UP TO 999 TONS---	0	0	8	2465	11	4029	2902	4029	5368	19	9397				
1,000-9,999 TONS--	14	65786	40	189185	33	41045	72663	106831	261848	87	368680				
10,000-24,999 TONS--	2	47229	0	0	5	28105	41471	75335	41471	8	116806				
25,000-49,999 TONS--	2	96435	0	0	0	0	0	96435	0	2	96435				
50,000 TONS AND UP--	4	1520769	1	162237	0	0	0	0	1520769	5	1683007				
TOTAL-----	22	1730219	49	353888	50	73180	117036	1803399	470925	121	2274321				
COOPERATIVE:															
UP TO 999 TONS---	6	3036	16	10149	3	810	1404	3846	11553	25	15399				
1,000-9,999 TONS--	13	51454	41	147385	43	104519	100960	155973	248345	97	404318				
10,000-24,999 TONS--	4	61111	3	52071	13	101988	49424	163099	101495	20	264594				
25,000-49,999 TONS--	13	468688	0	0	6	183402	41886	652090	41886	19	693975				
50,000 TONS AND UP--	16	1493223	0	0	0	0	0	1493223	0	16	1493223				
TOTAL-----	52	2077512	60	209605	64	390719	193674	2468231	403279	177	2871510				
TOTAL:															
UP TO 999 TONS---	12	6106	34	17406	21	9146	5097	15252	22504	67	37755				
1,000-9,999 TONS--	74	351584	126	506448	161	349827	355758	701410	862206	362	1563617				
10,000-24,999 TONS--	25	440263	12	172272	38	245049	208787	685311	381059	75	1066370				
25,000-49,999 TONS--	39	1378224	1	31457	9	232407	91126	1610631	122583	50	1733214				
50,000 TONS AND UP--	54	7098763	3	241337	1	114938	36296	7213702	277634	58	7491335				
TOTAL-----	205	9274941	176	968921	230	951366	697065	10226307	1665985	611	11892292				

APPENDIX TABLE 7.--PRODUCTION: PRIMARY AND SECONDARY FORMULA FEEDS, BY OWNERSHIP AND SIZE INTERVAL,  
LAKE STATES REGION, 1975

OWNERSHIP AND SIZE INTERVAL	PRIMARY PRODUCTION			SECONDARY PRODUCTION			BOTH PRIMARY AND SECONDARY PRODUCTION			TOTAL ESTABLISHMENTS	TOTAL SECONDARY FEED	TOTAL PRODUCTION ALL ESTABLISHMENTS
	ESTABLISH- MENTS		FEED	ESTABLISH- MENTS		FEED	ESTABLISH- MENTS		FEED			
	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	TONS	TONS	TONS			
CORPORATION:												
UP TO 999 TONS----	7	1571	27	14767	12	2960	2708	4530	17475	46	22006	
1,000-9,999 TONS--	37	140725	89	368467	77	146031	203210	286756	571677	203	858434	
10,000-24,999 TONS--	22	342436	32	406542	22	65147	222687	407582	629229	76	1036811	
25,000-49,999 TONS--	8	272893	1	45570	2	58018	27085	330911	72655	12	403565	
50,000 TONS AND UP--	15	1250917	8	586880	1	61714	13	1312632	600594	24	1913225	
TOTAL-----	90	2008541	157	1422226	115	333870	469405	2342411	1891631	361	4234042	
PARTNERSHIP:												
UP TO 999 TONS----	0	0	1	1076	5	1626	1972	1626	3048	6	4674	
1,000-9,999 TONS--	0	0	14	53028	6	2788	22081	2788	75109	20	77897	
10,000-24,999 TONS--	0	0	7	137363	0	0	0	0	137363	7	137363	
25,000-49,999 TONS--	0	0	0	0	0	0	0	0	0	0	0	
50,000 TONS AND UP--	0	0	3	235816	0	0	0	0	235816	3	235815	
TOTAL-----	0	0	26	427283	11	4414	24054	4414	451337	37	455751	
SINGLE OWNER:												
UP TO 999 TONS----	3	189	8	2980	6	1694	906	1883	3887	18	5769	
1,000-9,999 TONS--	4	11064	85	379041	25	19689	106449	30753	485490	114	516243	
10,000-24,999 TONS--	1	22380	11	150580	8	25259	66124	47639	216704	20	264343	
25,000-49,999 TONS--	0	0	0	0	0	0	0	0	0	0	0	
50,000 TONS AND UP--	0	0	3	251348	0	0	0	0	251348	3	251348	
TOTAL-----	8	33633	107	783950	39	46641	173480	80274	957429	154	1037703	
COOPERATIVE:												
UP TO 999 TONS----	5	1182	25	12021	3	246	857	1428	12878	32	14305	
1,000-9,999 TONS--	6	25732	100	317197	80	85612	278963	111344	596160	186	707504	
10,000-24,999 TONS--	4	52885	38	530133	26	109836	237525	162720	767658	67	930378	
25,000-49,999 TONS--	1	64125	11	366615	11	213501	118905	277626	485520	23	763145	
50,000 TONS AND UP--	1	61080	3	460759	6	656383	1067336	717463	1528095	10	2245558	
TOTAL-----	17	205004	176	1686725	126	1065578	1703585	1270582	3390310	318	4660892	
TOTAL:												
UP TO 999 TONS----	15	2942	61	30844	26	6525	6444	9467	37288	102	46755	
1,000-9,999 TONS--	47	177521	288	1117733	188	254120	610704	431640	1728437	523	2160077	
10,000-24,999 TONS--	27	417700	88	1224618	55	200241	526336	617941	1750954	170	2368895	
25,000-49,999 TONS--	9	337018	12	412184	13	271519	145990	608537	558175	35	1166712	
50,000 TONS AND UP--	16	1311997	16	1534804	7	718097	1081050	2030095	2615854	40	4645948	
TOTAL-----	115	2247177	466	4320183	290	1450503	2370523	3697681	6690707	870	10388387	

APPENDIX TABLE 8.--PRODUCTION: PRIMARY AND SECONDARY FORMULA FEEDS, BY OWNERSHIP AND SIZE INTERVAL,  
CORN BELT REGION, 1975

OWNERSHIP AND SIZE INTERVAL	PRIMARY PRODUCTION			SECONDARY PRODUCTION			BOTH PRIMARY AND SECONDARY PRODUCTION			TOTAL PRODUCTION	TOTAL ESTABLISHMENTS	ALL FEEDS
	ESTABLISH- MENTS		FEED	ESTABLISH- MENTS		FEED	ESTABLISH- MENTS		FEED			
	MENT	MENTS	FEED	MENT	MENTS	FEED	MENT	MENTS	FEED	PRODUCTION	ESTABLISHMENTS	FEED
	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	TONS	TONS	TONS	TONS	NUMBER	TONS
CORPORATION:												
UP TO 999 TONS----	17	10130	59	30782	8	2910	1439	13640	32221	83	45261	
1,000-9,999 TONS--	85	365798	382	14093	9	129	290182	294108	655979	1703477	596	2359457
10,000-24,999 TONS--	57	954327	79	1077632	37	360632	222026	1314960	1299656	172	2614618	
25,000-49,999 TONS--	34	1191827	13	350693	8	194100	57097	1385928	407790	54	1793717	
50,000 TONS AND UP--	44	3625285	3	190162	9	542111	390684	4167395	580765	55	4748161	
TOTAL-----	236	6147368	535	3058638	190	1389935	965273	7537303	4023911	961	11561214	
PARTNERSHIP:												
UP TO 999 TONS----	4	2955	13	7221	0	0	0	0	7221	17	10176	
1,000-9,999 TONS--	8	31253	59	200588	12	24198	28241	55451	228828	79	284279	
10,000-24,999 TONS--	0	0	3	33199	1	64	29910	64	63109	4	63173	
25,000-49,999 TONS--	0	0	0	0	0	0	0	0	0	0	0	
50,000 TONS AND UP--	3	937909	1	64527	0	0	0	0	937909	5	1002436	
TOTAL-----	15	972117	76	305534	13	24262	58150	996379	363685	105	1360064	
SINGLE OWNER:												
UP TO 999 TONS----	11	5823	49	21702	5	2261	993	8084	22694	64	30778	
1,000-9,999 TONS--	17	57568	152	469911	43	59331	100897	116899	570808	212	687707	
10,000-24,999 TONS--	0	0	10	129928	4	25668	28871	25668	158799	13	184467	
25,000-49,999 TONS--	0	0	0	0	1	4331	15212	44331	15212	1	59543	
50,000 TONS AND UP--	5	659641	0	0	0	0	0	0	659641	0	659641	
TOTAL-----	33	723031	210	621541	53	131591	145972	854623	767513	297	1622136	
COOPERATIVE:												
UP TO 999 TONS----	2	1162	48	24231	13	3084	3754	4246	27984	63	32230	
1,000-9,999 TONS--	31	146372	248	908018	90	157981	241699	304353	1149718	369	1454071	
10,000-24,999 TONS--	11	173167	27	354263	37	180706	329410	353873	683673	76	1037545	
25,000-49,999 TONS--	5	168133	2	67062	6	64110	104911	232243	171973	14	404215	
50,000 TONS AND UP--	11	1198917	1	236250	4	109305	277886	1308222	514136	16	1822358	
TOTAL-----	61	1687751	327	1589823	149	515186	957661	2202938	2547484	538	4750422	
TOTAL:												
UP TO 999 TONS----	34	20070	169	83935	25	8255	6185	28326	90120	228	118446	
1,000-9,999 TONS--	141	600990	841	2987886	274	531692	664945	1132682	3652831	1256	4785514	
10,000-24,999 TONS--	68	1127494	119	1595022	78	567070	610216	1694564	2205238	265	3899802	
25,000-49,999 TONS--	39	1359961	15	417755	15	302542	177220	1662502	594974	69	2257477	
50,000 TONS AND UP--	63	6421752	5	490939	13	651416	668490	7073168	1159429	81	8232595	
TOTAL-----	346	9530267	1149	5575536	405	2060975	2127056	11591243	7702592	1900	19293835	

APPENDIX TABLE 9.--PRODUCTION: PRIMARY AND SECONDARY FORMULA FEEDS, BY OWNERSHIP AND SIZE INTERVAL,  
NORTHERN PLAINS REGION, 1975

OWNERSHIP AND SIZE INTERVAL	PRIMARY PRODUCTION:SECONDARY PRODUCTION:			BOTH PRIMARY AND SECONDARY PRODUCTION			TOTAL		TOTAL		TOTAL PRODUCTION	
	ESTABLISH- MENTS			ESTABLISH- MENTS			PRIMARY : SECONDARY		PRIMARY : SECONDARY		ALL ESTAB- LISHMENTS	
	FEED			FEED			FEED		FEED		FEED	
	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	TONS	TONS	TONS	TONS	NUMBER	TONS
CORPORATION:												
UP TO 999 TONS----:	5	3528	22	11123	1	20	470	3548	11592	28	15140	
1,000-9,999 TONS--:	59	235847	154	459770	46	77619	94712	313465	554482	259	867948	
10,000-24,999 TONS-:	28	397954	11	165284	13	116869	65511	514823	230795	52	745618	
25,000-49,999 TONS-:	21	780547	15	533181	6	146965	58466	927512	591647	41	1519159	
50,000 TONS AND UP-:	17	1415727	14	1839060	3	135147	42352	1550874	1881413	33	3432287	
TOTAL-----:	129	2833602	215	3008418	70	476620	261511	3310222	3269929	414	6580151	
PARTNERSHIP:												
UP TO 999 TONS----:	0	0	8	5589	0	0	0	0	5589	8	5589	
1,000-9,999 TONS--:	6	24404	27	99836	4	1879	13155	26283	112991	37	139274	
10,000-24,999 TONS-:	3	31559	1	13046	4	8827	74769	40386	87815	8	128201	
25,000-49,999 TONS-:	1	39138	0	0	0	0	0	39138	0	1	39138	
50,000 TONS AND UP-:	0	0	0	0	2	113657	8118	113657	8118	2	121776	
TOTAL-----:	10	95101	37	118471	9	124363	96043	219464	214514	57	433978	
SINGLE OWNER:												
UP TO 999 TONS----:	3	2954	20	10832	1	48	417	3002	11249	25	14251	
1,000-9,999 TONS--:	7	18746	44	158371	0	0	0	18746	158371	50	177118	
10,000-24,999 TONS-:	1	17970	0	0	0	0	0	17970	0	1	17970	
25,000-49,999 TONS-:	0	0	1	58707	0	0	0	0	58707	1	58707	
50,000 TONS AND UP-:	0	0	0	0	2	62449	18735	62449	18735	2	81184	
TOTAL-----:	12	39670	65	227910	3	62497	19152	102167	247062	79	349230	
COOPERATIVE:												
UP TO 999 TONS----:	5	4005	35	20768	5	1544	1588	5548	22356	44	27904	
1,000-9,999 TONS--:	24	109664	131	500906	76	121891	224076	231555	724981	230	956537	
10,000-24,999 TONS-:	9	137250	9	132120	13	86343	107422	223593	239542	31	463135	
25,000-49,999 TONS-:	5	207800	0	0	5	41872	96452	249672	96452	10	346125	
50,000 TONS AND UP-:	2	116077	3	142015	3	87163	64849	203241	206864	7	410104	
TOTAL-----:	46	574796	177	795808	100	338814	494387	913610	1290195	323	2203805	
TOTAL:												
UP TO 999 TONS----:	13	10486	85	48312	7	1612	2475	12098	50786	106	62885	
1,000-9,999 TONS--:	97	388661	355	1218883	126	201390	331943	590051	1550826	577	2140877	
10,000-24,999 TONS-:	41	584733	22	310449	30	212039	247703	796772	558152	93	1354924	
25,000-49,999 TONS-:	28	1027485	16	591888	11	188837	154918	1216322	746806	54	1963129	
50,000 TONS AND UP-:	18	1531804	16	1981075	8	398417	134054	1930220	2115130	43	4045350	
TOTAL-----:	197	3543169	494	4150607	182	1002294	871093	4545463	5021700	873	9567163	

APPENDIX TABLE 10.--PRODUCTION: PRIMARY AND SECONDARY FORMULA FEEDS, BY OWNERSHIP AND SIZE INTERVAL,  
APPALACHIAN REGION, 1975

OWNERSHIP AND SIZE INTERVAL	PRIMARY PRODUCTION:			SECONDARY PRODUCTION:			BOTH PRIMARY AND SECONDARY PRODUCTION			TOTAL:		TOTAL:		TOTAL PRODUCTION		
	ESTABLISH- MENTS		FEED:		ESTABLISH- MENTS		FEED:		ESTABLISH- MENTS		PRIMARY FEED:		SECONDARY FEED:		ALL ESTAB- LISHMENTS:	
	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS
CORPORATION:																
UP TO 999 TONS----	2	1169	8	3482	10	1125	4360	2294	7842	20	10135					
1,000-9,999 TONS--	37	187760	60	263622	34	98318	48568	286078	312190	132	598263					
10,000-24,999 TONS--	21	311335	6	78265	14	159340	61380	470675	139645	41	610320					
25,000-49,999 TONS--	10	328099	0	0	1	47927	13485	376026	13485	11	389511					
50,000 TONS AND UP--	34	3680794	0	0	1	181034	36207	3861829	36207	35	3898035					
TOTAL-----	105	4509157	74	345368	60	487744	164000	4996902	509369	238	5506270					
PARTNERSHIP:																
UP TO 999 TONS----	0	0	15	9073	0	0	0	0	9073	15	9073					
1,000-9,999 TONS--	4	10565	38	119728	12	20101	14341	30665	134069	54	164734					
10,000-24,999 TONS--	0	0	1	16130	0	0	0	0	16130	1	16130					
25,000-49,999 TONS--	1	53926	0	0	0	0	0	0	53926	0	1	53926				
50,000 TONS AND UP--	0	0	0	0	0	0	0	0	0	0	0	0				
TOTAL-----	6	64491	54	144932	12	20101	14341	84591	159272	72	243864					
SINGLE OWNER:																
UP TO 999 TONS----	7	1600	6	3586	0	0	0	1600	3586	14	5185					
1,000-9,999 TONS--	11	29470	46	131893	6	7661	9509	37131	141402	62	178534					
10,000-24,999 TONS--	1	28985	1	11983	0	0	0	0	28985	2	40963					
25,000-49,999 TONS--	1	36296	0	0	0	0	0	0	36296	0	1	36296				
50,000 TONS AND UP--	3	246159	3	235804	0	0	0	0	246159	6	481963					
TOTAL-----	24	342511	56	383265	6	7661	9509	350172	392775	86	742947					
COOPERATIVE:																
UP TO 999 TONS----	1	389	15	10771	2	600	400	989	11171	18	12160					
1,000-9,999 TONS--	4	7225	36	98149	16	20864	39771	28089	137920	56	166009					
10,000-24,999 TONS--	0	0	1	16831	1	23534	1207	23534	18038	2	41572					
25,000-49,999 TONS--	0	0	0	0	0	0	0	0	0	0	0	0				
50,000 TONS AND UP--	8	721156	0	0	1	82778	10363	803934	10363	9	814297					
TOTAL-----	13	728770	52	125751	21	127776	51741	856546	177492	86	1034038					
TOTAL:																
UP TO 999 TONS----	11	3158	44	26912	12	1725	4760	4883	31672	66	36555					
1,000-9,999 TONS--	57	235020	179	613392	68	146944	112189	381964	725581	305	1107545					
10,000-24,999 TONS--	22	340320	10	123209	15	182874	62587	523195	185796	47	708991					
25,000-49,999 TONS--	12	418321	0	0	1	47927	13485	466248	13485	14	479733					
50,000 TONS AND UP--	44	4648109	3	235804	2	263812	46570	4911922	282374	50	5194295					
TOTAL-----	148	5644929	236	999316	98	643282	239592	6288211	1238908	482	7527119					

APPENDIX TABLE 11.--PRODUCTION: PRIMARY AND SECONDARY FORMULA FEEDS, BY OWNERSHIP AND SIZE INTERVAL,  
SOUTHEAST REGION, 1975

OWNERSHIP AND SIZE INTERVAL	PRIMARY PRODUCTION			SECONDARY PRODUCTION			BOTH PRIMARY AND SECONDARY PRODUCTION		TOTAL PRIMARY FEED	TOTAL SECONDARY FEED	TOTAL ALL ESTAB- LISHMENTS	TOTAL PRODUCTION
	ESTABLISH- MENTS	ESTABLISH- MENTS	ESTABLISH- MENTS	ESTABLISH- MENTS	PRIMARY FEED	SECONDARY FEED	FEED	FEED				
	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS				
	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	TONS	TONS	TONS	TONS	NUMBER	TONS
CORPORATION:												
UP TO 999 TONS----	10	2273	13	4190	6	1378	2531	3650	6721	29	10371	
1,000-9,999 TONS--	22	79557	34	96077	33	73572	40036	153128	136113	89	289242	
10,000-24,999 TONS--	32	556664	14	186903	7	60969	23794	617633	210697	53	828329	
25,000-49,999 TONS--	32	1177954	1	39868	6	143625	42091	1321579	81959	39	1403538	
50,000 TONS AND UP--	39	4501960	3	204658	1	186053	1329	4688013	205987	43	4894000	
TOTAL-----	135	6318408	65	531696	53	465595	109781	6784003	641477	253	7425480	
PARTNERSHIP:												
UP TO 999 TONS----	0	0	1	856	1	758	343	758	1199	3	1957	
1,000-9,999 TONS--	7	13500	3	5156	0	0	0	13500	5156	10	18655	
10,000-24,999 TONS--	0	0	0	0	1	447	27974	447	27974	1	28421	
25,000-49,999 TONS--	1	55636	0	0	0	0	0	55636	0	1	55636	
50,000 TONS AND UP--	0	0	1	196364	0	0	0	0	196364	1	196364	
TOTAL-----	9	69136	5	202375	3	1204	28318	70341	230693	17	301033	
SINGLE OWNER:												
UP TO 999 TONS----	1	856	29	15153	0	0	0	856	15153	30	16008	
1,000-9,999 TONS--	12	50971	18	70952	13	14432	8763	65403	79715	43	145118	
10,000-24,999 TONS--	3	39521	0	0	0	0	0	39521	0	3	39521	
25,000-49,999 TONS--	1	51829	1	54434	0	0	0	51829	54434	3	106263	
50,000 TONS AND UP--	0	0	0	0	0	0	0	0	0	0	0	
TOTAL-----	16	143177	48	140538	13	14432	8763	157699	149302	78	306910	
COOPERATIVE:												
UP TO 999 TONS----	0	0	12	6078	0	0	0	0	6078	12	6078	
1,000-9,999 TONS--	0	0	0	0	10	7431	8486	7431	8486	10	15917	
10,000-24,999 TONS--	5	77061	1	13069	0	0	0	77061	13069	6	90130	
25,000-49,999 TONS--	3	76613	0	0	2	39740	24385	116353	24385	4	140738	
50,000 TONS AND UP--	8	956567	0	0	3	163512	81455	1120079	81455	11	1201534	
TOTAL-----	15	1110240	13	19147	15	210683	114327	1320923	133474	43	1454397	
TOTAL:												
UP TO 999 TONS----	11	3128	55	26276	7	2135	2874	5263	29150	73	34413	
1,000-9,999 TONS--	41	144028	54	172185	56	95434	57285	239462	229470	151	468932	
10,000-24,999 TONS--	40	673247	15	199972	8	61415	51768	734662	251740	63	986402	
25,000-49,999 TONS--	37	1362032	3	94302	8	183365	66476	1545397	160778	48	1706175	
50,000 TONS AND UP--	47	5458527	4	401022	4	349565	82784	5808092	483806	55	6291898	
TOTAL-----	176	7640962	131	893756	84	691914	261189	8332876	1154945	391	9487821	

APPENDIX TABLE 12.--PRODUCTION: PRIMARY AND SECONDARY FORMULA FEEDS, BY OWNERSHIP AND SIZE INTERVAL,  
DELTA STATES REGION, 1975

OWNERSHIP AND SIZE INTERVAL	PRIMARY PRODUCTION			SECONDARY PRODUCTION			BOTH PRIMARY AND SECONDARY PRODUCTION			TOTAL		TOTAL		TOTAL PRODUCTION		
	ESTABLISH- MENTS		FEED	ESTABLISH- MENTS		FEED	ESTABLISH- MENTS		FEED	FEED	SECONDARY	PRIMARY	FEED	ALL ESTAB- LISHMENTS	ALL PRODUCTION	FEED
	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS
<b>CORPORATION:</b>																
UP TO 999 TONS----	0	0	0	0	3	1667	71	1667	71	3	1738					
1,000-9,999 TONS--	21	92368	13	57908	17	53452	32046	145820	89953	51	235773					
10,000-24,999 TONS-	9	146370	1	32729	0	0	0	146370	32729	11	179099					
25,000-49,999 TONS-	9	377528	0	0	0	0	0	377528	0	9	377528					
50,000 TONS AND UP--	34	3486960	0	0	1	116364	24652	3603324	24652	36	3627976					
<b>TOTAL-----</b>	<b>74</b>	<b>4103226</b>	<b>15</b>	<b>90637</b>	<b>22</b>	<b>171483</b>	<b>56769</b>	<b>4274710</b>	<b>147405</b>	<b>111</b>	<b>4422115</b>					
<b>PARTNERSHIP:</b>																
UP TO 999 TONS----	0	0	5	2204	0	0	0	0	2204	5	2204					
1,000-9,999 TONS--	7	38289	10	19246	0	0	0	38289	19246	18	57534					
10,000-24,999 TONS-	0	0	0	0	0	0	0	0	0	0	0					
25,000-49,999 TONS-	3	81388	0	0	0	0	0	81388	0	3	81388					
50,000 TONS AND UP--	1	153846	1	68957	1	68312	10101	222158	79057	4	301215					
<b>TOTAL-----</b>	<b>11</b>	<b>273523</b>	<b>16</b>	<b>90406</b>	<b>1</b>	<b>68312</b>	<b>10101</b>	<b>341835</b>	<b>100507</b>	<b>29</b>	<b>442341</b>					
<b>SINGLE OWNER:</b>																
UP TO 999 TONS----	0	0	0	0	1	385	128	385	128	1	513					
1,000-9,999 TONS--	13	44434	8	56058	1	1282	256	45716	56314	23	102031					
10,000-24,999 TONS-	3	33888	1	13539	0	0	0	33888	13539	4	47427					
25,000-49,999 TONS-	0	0	0	0	0	0	0	0	0	0	0					
50,000 TONS AND UP--	1	125683	0	0	0	0	0	125683	0	1	125683					
<b>TOTAL-----</b>	<b>17</b>	<b>204005</b>	<b>10</b>	<b>69597</b>	<b>3</b>	<b>1667</b>	<b>305</b>	<b>205672</b>	<b>69982</b>	<b>29</b>	<b>275654</b>					
<b>COOPERATIVE:</b>																
UP TO 999 TONS----	0	0	0	0	0	0	0	0	0	0	0					
1,000-9,999 TONS--	10	28971	0	0	3	1154	8333	30125	8333	13	38459					
10,000-24,999 TONS-	0	0	0	0	0	0	0	0	0	0	0					
25,000-49,999 TONS-	5	218235	0	0	0	0	0	218235	0	5	218235					
50,000 TONS AND UP--	9	749053	0	0	0	0	0	749053	0	9	749053					
<b>TOTAL-----</b>	<b>25</b>	<b>996260</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>1154</b>	<b>8333</b>	<b>997414</b>	<b>8333</b>	<b>27</b>	<b>1005747</b>					
<b>TOTAL:</b>																
UP TO 999 TONS----	0	0	5	2204	5	2052	199	2052	2403	9	4455					
1,000-9,999 TONS--	52	204062	32	133211	21	55888	40636	259950	173847	105	433797					
10,000-24,999 TONS-	12	180258	3	46268	0	0	0	180258	46268	15	226525					
25,000-49,999 TONS-	17	677151	0	0	0	0	0	677151	0	17	677151					
50,000 TONS AND UP--	46	4515543	1	68957	3	184676	34753	4700219	103709	50	4803928					
<b>TOTAL-----</b>	<b>127</b>	<b>5577014</b>	<b>40</b>	<b>250640</b>	<b>28</b>	<b>242616</b>	<b>75587</b>	<b>5819630</b>	<b>326227</b>	<b>196</b>	<b>6145857</b>					

APPENDIX TABLE 13.--PRODUCTION: PRIMARY AND SECONDARY FORMULA FEEDS, BY OWNERSHIP AND SIZE INTERVAL,  
SOUTHERN PLAINS REGION, 1975

OWNERSHIP AND SIZE INTERVAL	PRIMARY PRODUCTION:SECONDARY PRODUCTION:			BOTH PRIMARY AND SECONDARY PRODUCTION			TOTAL			TOTAL : TOTAL PRODUCTION	
	ESTABLISH- MENTS			ESTABLISH- MENTS			ESTABLISH- MENTS			PRIMARY	SECONDARY
	FEED	FEED	FEED	FEED	FEED	FEED	FEED	FEED	FEED	ALL ESTAB- LISHMENTS	ALL FEED
CORPORATION:											
UP TO 999 TONS----	4	1423	9	5427	8	1461	2544	2884	7971	22	10855
1,000-9,999 TONS--	44	177663	22	95999	32	114898	42810	292561	138809	98	431370
10,000-24,999 TONS-	24	419518	5	93335	13	129931	53608	549449	146943	43	696392
25,000-49,999 TONS-	38	1361805	1	46189	4	90468	55632	1452273	101821	43	1554093
50,000 TONS AND UP--	54	5690662	8	902455	4	457108	42704	6147771	945158	66	7092929
TOTAL-----	164	7651071	46	1143405	62	793866	197298	8444937	1340702	271	9785639
PARTNERSHIP:											
UP TO 999 TONS----	0	0	4	3739	5	1368	755	1368	4495	9	5862
1,000-9,999 TONS--	13	56575	11	41257	9	29593	26975	86167	68232	34	154399
10,000-24,999 TONS-	4	71542	0	0	0	0	0	0	71542	0	71542
25,000-49,999 TONS-	4	148112	0	0	0	0	0	0	148112	0	148112
50,000 TONS AND UP--	4	369720	0	0	0	0	0	0	369720	0	369720
TOTAL-----	26	645948	15	44996	15	30960	27730	676908	72726	55	749635
SINGLE OWNER:											
UP TO 999 TONS----	8	5372	4	1883	5	1627	1355	6999	3239	18	10238
1,000-9,999 TONS--	20	90527	23	78583	17	19944	26711	110471	105293	61	215764
10,000-24,999 TONS-	5	98163	15	236693	3	24595	14773	122757	251466	23	374223
25,000-49,999 TONS-	3	91256	1	44268	3	63989	23265	155845	67532	7	223378
50,000 TONS AND UP--	0	0	1	294707	4	7015	343752	7015	638459	5	645474
TOTAL-----	36	285919	44	656133	32	117170	409856	403089	1065989	113	1469078
COOPERATIVE:											
UP TO 999 TONS----	0	0	0	0	0	0	0	0	0	0	0
1,000-9,999 TONS--	9	44977	1	4742	12	36814	16882	81791	21625	23	103415
10,000-24,999 TONS-	1	32612	1	18272	1	15333	639	47945	18911	4	66855
25,000-49,999 TONS-	1	54353	0	0	3	101830	6660	156183	6660	4	162843
50,000 TONS AND UP--	3	180453	0	0	0	0	0	180453	0	3	180453
TOTAL-----	15	312395	3	23015	16	153978	24181	466372	47195	33	513568
TOTAL:											
UP TO 999 TONS----	12	6795	17	11050	19	4456	4654	11251	15704	49	26955
1,000-9,999 TONS--	87	369742	57	220581	71	201248	113378	570990	333959	215	904949
10,000-24,999 TONS-	35	621834	21	348299	17	169859	69020	791693	417320	74	1209013
25,000-49,999 TONS-	46	1656126	3	90457	9	256287	85556	1912413	176013	58	2088425
50,000 TONS AND UP--	60	6240835	9	1197161	8	464124	386456	6704959	1583617	78	8288576
TOTAL-----	241	8895333	108	1867549	125	1095973	659065	9991306	2526613	473	12517919

APPENDIX TABLE 14.--PRODUCTION: PRIMARY AND SECONDARY FORMULA FEEDS, BY OWNERSHIP AND SIZE INTERVAL,  
MOUNTAIN REGION, 1975

OWNERSHIP AND SIZE INTERVAL	PRIMARY PRODUCTION:			SECONDARY PRODUCTION:			BOTH PRIMARY AND SECONDARY PRODUCTION			TOTAL:		TOTAL:		TOTAL PRODUCTION		
	ESTABLISH- MENTS	ESTABLISH- MENTS	ESTABLISH- MENTS	ESTABLISH- MENTS	ESTABLISH- MENTS	ESTABLISH- MENTS	PRIMARY:	SECONDARY:	FEED:	TOTAL:	PRIMARY:	SECONDARY:	ALL ESTAB- LISHMENTS	ALL PRODUCTION:	PRODUCTION:	FEED:
		NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	TONS	TONS	TONS	TONS	TONS	NUMBER	TONS	TONS	TONS
CORPORATION:																
UP TO 999 TONS----:	5	2180	11	4785	1	900	28	3080	4814	17	7894					
1,000-9,999 TONS--:	46	240098	25	136454	28	85071	49058	325159	185512	99	510680					
10,000-24,999 TONS-:	17	242022	4	77833	5	63097	16947	305119	94780	26	399893					
25,000-49,999 TONS-:	22	767867	8	267022	4	60776	34644	828643	301665	33	1130308					
50,000 TONS AND UP-:	15	1857025	8	2116367	7	465792	144405	2322817	2260772	30	4583589					
TOTAL-----:	105	3109192	57	2602460	44	675636	245082	3784828	2847542	206	6632370					
PARTNERSHIP:																
UP TO 999 TONS----:	1	1053	0	0	0	0	0	0	1053	0	1	1053				
1,000-9,999 TONS--:	6	30887	3	15833	0	0	0	0	30887	9	46721					
10,000-24,999 TONS-:	2	25433	0	0	2	16087	3217	41520	3217	3	44737					
25,000-49,999 TONS-:	0	0	0	0	2	59904	2496	59904	2496	2	62400					
50,000 TONS AND UP-:	3	429000	0	0	0	0	0	0	429000	0	429000					
TOTAL-----:	12	486373	3	15833	3	75991	5713	562364	21547	18	583911					
SINGLE OWNER:																
UP TO 999 TONS----:	3	165	5	2251	6	3660	1440	3825	3691	13	7516					
1,000-9,999 TONS--:	4	7827	2	12713	1	7000	140	14827	12852	8	27679					
10,000-24,999 TONS-:	2	36000	2	28000	3	39413	8848	75413	36848	7	112261					
25,000-49,999 TONS-:	0	0	3	121000	0	0	0	0	121000	3	121000					
50,000 TONS AND UP-:	0	0	0	0	0	0	0	0	0	0	0					
TOTAL-----:	9	43992	12	163964	11	50073	10428	94065	174391	31	268456					
COOPERATIVE:																
UP TO 999 TONS----:	0	0	7	6045	6	1964	3440	1964	9485	13	11449					
1,000-9,999 TONS--:	2	14040	9	35686	9	24101	11327	38141	47013	20	85154					
10,000-24,999 TONS-:	4	52921	0	0	5	74545	9357	127466	9357	9	136823					
25,000-49,999 TONS-:	3	101829	1	50400	0	0	0	0	101829	5	50400					
50,000 TONS AND UP-:	2	155934	0	0	0	0	0	0	155934	2	155934					
TOTAL-----:	11	324724	18	92131	20	100609	24124	425333	116255	49	541588					
TOTAL:																
UP TO 999 TONS----:	9	3398	22	13082	13	6524	4908	9922	17989	44	27911					
1,000-9,999 TONS--:	58	292852	40	200686	38	116172	60525	409024	261210	136	670234					
10,000-24,999 TONS-:	25	356376	6	105833	15	193142	38369	549518	144202	46	693720					
25,000-49,999 TONS-:	25	869695	12	438422	5	120680	37140	990376	475561	42	1465937					
50,000 TONS AND UP-:	20	2441959	8	2116367	7	465792	144405	2907751	2260772	35	5168523					
TOTAL-----:	137	3964281	89	2874389	78	902309	285347	4866590	3159736	304	8026326					

**APPENDIX TABLE 15.--PRODUCTION: PRIMARY AND SECONDARY FORMULA FEEDS, BY OWNERSHIP AND SIZE INTERVAL,  
PACIFIC REGION, 1975**

OWNERSHIP AND SIZE INTERVAL	PRIMARY PRODUCTION			SECONDARY PRODUCTION			BOTH PRIMARY AND SECONDARY PRODUCTION			TOTAL		TOTAL		TOTAL PRODUCTION	
	ESTABLISH- MENTS			ESTABLISH- MENTS			ESTABLISH- MENTS			PRIMARY		SECONDARY		ALL ESTAB- LISHMENTS	
	FEED			FEED			FEED			FEED		FEED		FEED	
NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS
CORPORATION:															
UP TO 999 TONS--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,000-9,999 TONS--	13	63549	6	26210	13	60144	17543	123692	43753	33	167445				
10,000-24,999 TONS--	15	302996	0	0	14	141705	68742	444701	68742	29	513443				
25,000-49,999 TONS--	31	1100013	0	0	5	67870	81156	1167883	81156	36	1249039				
50,000 TONS AND UP--	48	4775164	0	0	3	189852	28900	4965016	28900	51	4993916				
TOTAL-----	108	6241722	6	26210	35	459570	196340	6701292	222550	149	6923843				
PARTNERSHIP:															
UP TO 999 TONS--	0	0	0	0	3	1600	533	1600	533	3	2133				
1,000-9,999 TONS--	8	50192	10	39730	0	0	0	50192	39730	18	89921				
10,000-24,999 TONS--	10	158846	0	0	2	15279	3819	174125	3819	11	177944				
25,000-49,999 TONS--	2	50173	0	0	0	0	0	50173	0	2	50173				
50,000 TONS AND UP--	5	868983	0	0	0	0	0	868983	0	5	868983				
TOTAL-----	24	1128193	10	39730	4	16879	4353	1145072	44082	38	1189154				
SINGLE OWNER:															
UP TO 999 TONS--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1,000-9,999 TONS--	9	30173	7	9536	0	0	0	30173	9536	16	39708				
10,000-24,999 TONS--	3	32612	0	0	4	23205	25265	55817	25265	7	81082				
25,000-49,999 TONS--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50,000 TONS AND UP--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL-----	12	62785	7	9536	4	23205	25265	85990	34801	23	120791				
COOPERATIVE:															
UP TO 999 TONS--	3	1920	0	0	0	0	0	1920	0	3	1920				
1,000-9,999 TONS--	4	29415	0	0	3	6517	8365	35932	8365	7	44297				
10,000-24,999 TONS--	3	37857	0	0	3	25770	27792	63627	27792	6	91418				
25,000-49,999 TONS--	3	112643	0	0	0	0	0	112643	0	3	112643				
50,000 TONS AND UP--	9	1039971	0	0	2	128568	31358	1168539	31358	11	1199897				
TOTAL-----	22	1221805	0	0	7	160855	67515	1382660	67515	29	1450175				
TOTAL:															
UP TO 999 TONS--	3	1920	0	0	3	1600	533	3520	533	5	4053				
1,000-9,999 TONS--	35	173328	22	75475	16	66661	25908	239988	101384	74	341372				
10,000-24,999 TONS--	31	532311	0	0	23	205958	125618	738270	125618	54	863888				
25,000-49,999 TONS--	35	1262829	0	0	5	67870	81156	1330699	81156	40	1411855				
50,000 TONS AND UP--	62	6684117	0	0	5	318420	60258	7002537	60258	67	7062795				
TOTAL-----	166	8654505	22	75475	51	660509	293473	9315014	368949	239	9683963				

APPENDIX TABLE 16.--PRODUCTION: PRIMARY AND SECONDARY FORMULA FEEDS, BY OWNERSHIP AND SIZE INTERVAL, UNITED STATES, 1975

OWNERSHIP AND SIZE INTERVAL	PRIMARY PRODUCTION			SECONDARY PRODUCTION			BOTH PRIMARY AND SECONDARY PRODUCTION			TOTAL PRODUCTION	TOTAL ESTABLISHMENTS	TOTAL PRODUCTION
	ESTABLISH- MENTS	FEED	TONS	ESTABLISH- MENTS	FEED	TONS	ESTABLISH- MENTS	FEED	TONS			
	ESTABLISH- MENTS	FEED	TONS	ESTABLISH- MENTS	FEED	TONS	ESTABLISH- MENTS	FEED	TONS			
	ESTABLISH- MENTS	FEED	TONS	ESTABLISH- MENTS	FEED	TONS	ESTABLISH- MENTS	FEED	TONS			
	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	TONS	TONS	TONS	NUMBER	TONS	TONS
CORPORATION:												
UP TO 999 TONS----	56	24360	158	79348	53	14513	14800	38873	94148	267	133021	
1,000-9,999 TONS--	403	1779707	824	3054555	478	1149404	969582	2929111	4024137	1705	6953249	
10,000-24,999 TONS--	244	3987397	163	2238723	139	1198309	799901	5185706	3038624	545	8224330	
25,000-49,999 TONS--	229	8171634	40	1313980	39	858754	418894	9030388	1732874	308	10763262	
50,000 TONS AND UP--	333	34369266	44	5918682	32	2450114	761163	36819380	6679845	409	43499225	
TOTAL-----	1265	48332364	1229	12605288	741	5671094	2964340	54003459	15569628	3234	69573087	
PARTNERSHIP:												
UP TO 999 TONS----	6	4992	48	29758	17	7565	3746	12557	33503	71	46060	
1,000-9,999 TONS--	70	293664	182	623598	61	132703	139438	426367	763036	313	1189403	
10,000-24,999 TONS--	20	305527	12	199738	15	55039	192376	360567	392115	47	752681	
25,000-49,999 TONS--	12	428373	0	0	2	59904	2496	488277	2496	14	490773	
50,000 TONS AND UP--	16	2759457	7	565663	3	181969	18219	2941427	583882	26	3525309	
TOTAL-----	124	3792013	249	1418757	98	437181	356276	4229193	1775033	471	6004226	
SINGLE OWNER:												
UP TO 999 TONS----	37	16959	128	60853	36	13704	8142	30663	68995	202	99658	
1,000-9,999 TONS--	112	406567	424	1556242	140	170383	325389	576950	1881631	676	2458581	
10,000-24,999 TONS--	22	356748	40	570723	27	166245	185352	522993	756076	89	1279068	
25,000-49,999 TONS--	8	276416	7	278408	4	108320	38476	384737	316885	18	701621	
50,000 TONS AND UP--	13	2552252	9	944096	6	69464	362487	2621717	1306583	27	3928300	
TOTAL-----	192	3608943	608	3410322	213	528116	919847	4137059	4330169	1012	8467228	
COOPERATIVE:												
UP TO 999 TONS----	22	11694	158	90062	32	8248	11442	19941	101504	211	121445	
1,000-9,999 TONS--	105	457850	566	2012084	340	566884	938863	1024734	2950946	1011	3975680	
10,000-24,999 TONS--	41	624863	81	1116758	98	618055	762775	1242918	1879533	221	3122452	
25,000-49,999 TONS--	40	1472419	15	484076	32	644456	393200	2116875	877277	87	2994152	
50,000 TONS AND UP--	69	6672431	7	839024	18	1227710	1533247	7900140	2372272	94	10272412	
TOTAL-----	277	9239256	826	4542004	520	3065352	3639527	12304608	8181532	1623	20486140	
TOTAL:												
UP TO 999 TONS----	121	58004	492	260020	137	44030	38130	102034	298150	750	400184	
1,000-9,999 TONS--	690	2937787	1996	7246479	1019	2019374	2373272	4957162	9619751	3704	14576913	
10,000-24,999 TONS--	327	5274536	296	4125943	279	2037648	1940405	7312184	6066348	902	13378531	
25,000-49,999 TONS--	289	10348842	61	2076464	77	1671434	853067	12020276	2929531	427	14949807	
50,000 TONS AND UP--	431	46353407	67	8267465	58	3929257	2675116	50282664	10942582	556	61225246	
TOTAL-----	1857	64972576	2912	21976372	1571	9701743	7879990	74674320	29856362	6340	104530681	

APPENDIX TABLE 17.--PRODUCTION: PRIMARY AND SECONDARY FORMULA FEEDS, BY SIZE INTERVAL, UNITED STATES, 1975

SIZE INTERVAL	PRIMARY PRODUCTION			SECONDARY PRODUCTION			BOTH PRIMARY AND SECONDARY PRODUCTION		TOTAL : PRIMARY : FEED	TOTAL : SECONDARY : FEED	TOTAL PRODUCTION : ALL ESTAB- LISHMENTS : FEED
	ESTABLISH- MENTS	ESTABLISH- MENTS	ESTABLISH- MENTS	PRIMARY : MENT	SECONDARY : MENT	FEED : MENT	FEED : MENT	FEED : MENT			
	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	TONS	TONS	NUMBER	TONS	TONS
UP TO 999 TONS-----	121.	58004.	492.	260020.	137.	44030.	38130.	102034.	298150.	750.	400184.
1,000-9,999 TONS-----	690.	2937787.	1996.	7246479.	1019.	2019374.	2373272.	4957162.	9619751.	3704.	14576913.
10,000-24,999 TONS-----	327.	5274536.	296.	4125943.	279.	2037648.	1940405.	7312184.	6066348.	902.	13378531.
25,000-49,999 TONS-----	289.	10348842.	61.	2076464.	77.	1671434.	853067.	12020276.	2929531.	427.	14949807.
50,000 TONS AND UP-----	431.	46353407.	67.	8267465.	58.	3929257.	2675116.	50282664.	10942582.	556.	61225246.
U.S. TOTAL-----	1857.	64972576.	2912.	21976372.	1571.	9701743.	7879990.	74674320.	29856362.	6340.	104530681.

	PERCENT DISTRIBUTION (COLUMN)										
	UP TO 999 TONS-----	1,000-9,999 TONS-----	10,000-24,999 TONS-----	25,000-49,999 TONS-----	50,000 TONS AND UP-----	U.S. TOTAL-----	UP TO 999 TONS-----	1,000-9,999 TONS-----	10,000-24,999 TONS-----	25,000-49,999 TONS-----	50,000 TONS AND UP-----
UP TO 999 TONS-----	6.5	0.1	16.9	1.2	8.1	0.5	0.5	0.1	1.0	11.8	0.4
1,000-9,999 TONS-----	37.1	4.5	68.5	33.0	64.8	20.8	30.1	6.6	32.2	58.4	13.9
10,000-24,999 TONS-----	17.6	8.1	10.2	18.8	17.8	21.0	24.6	9.8	20.3	14.2	12.8
25,000-49,999 TONS-----	15.5	15.9	2.1	9.4	4.9	17.2	10.8	16.1	9.8	6.7	14.3
50,000 TONS AND UP-----	23.2	71.3	2.3	37.6	3.7	40.5	33.9	67.3	36.7	8.8	58.6
U.S. TOTAL-----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

	PERCENT DISTRIBUTION (ROW)										
	UP TO 999 TONS-----	1,000-9,999 TONS-----	10,000-24,999 TONS-----	25,000-49,999 TONS-----	50,000 TONS AND UP-----	U.S. TOTAL-----	UP TO 999 TONS-----	1,000-9,999 TONS-----	10,000-24,999 TONS-----	25,000-49,999 TONS-----	50,000 TONS AND UP-----
UP TO 999 TONS-----	16.1	14.5	65.6	65.0	18.3	11.0	9.5	25.5	74.5	100.0	100.0
1,000-9,999 TONS-----	18.6	20.2	53.9	49.7	27.5	13.9	16.3	34.0	66.0	100.0	100.0
10,000-24,999 TONS-----	36.2	39.4	32.8	30.8	31.0	15.2	14.5	54.7	45.3	100.0	100.0
25,000-49,999 TONS-----	67.6	69.2	14.4	13.9	18.0	11.2	5.7	80.4	19.6	100.0	100.0
50,000 TONS AND UP-----	77.5	75.7	12.0	13.5	10.5	6.4	4.4	82.1	17.9	100.0	100.0
U.S. TOTAL-----	29.3	62.2	45.9	21.0	24.8	9.3	7.5	71.4	28.6	100.0	100.0

APPENDIX TABLE 18.--PRODUCTION: PRIMARY AND SECONDARY FORMULA FEEDS, BY OWNERSHIP, UNITED STATES, 1975

OWNERSHIP	PRIMARY PRODUCTION:SECONDARY PRODUCTION:				BOTH PRIMARY AND SECONDARY PRODUCTION				TOTAL		TOTAL		TOTAL PRODUCTION	
	ESTABLISH-MENTS		ESTABLISH-MENTS		ESTABLISH-MENTS		ESTABLISH-MENTS		PRIMARY FEED	SECONDARY FEED	ALL ESTABLISHMENTS	PRODUCTION	ALL FEED	FEED
	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	TONS	TONS	TONS	TONS	NUMBER	TONS	NUMBER	TONS
CORPORATIONS-----	1265.	48332364.	1229.	12605288.	741.	5671094.	2964340.	54003459.	15569628.	3234.	69573087.			
PARTNERSHIPS-----	124.	3792013.	249.	1418757.	98.	437181.	356276.	4229193.	1775033.	471.	6004226.			
SINGLE OWNER-----	192.	3608943.	608.	3410322.	213.	528116.	919847.	4137059.	4330169.	1012.	8467228.			
COOPERATIVES-----	277.	9239256.	826.	4542004.	520.	3065352.	3639527.	12304608.	8181532.	1623.	20486140.			
U.S. TOTAL-----	1857.	64972576.	2912.	21976372.	1571.	9701743.	7879990.	74674320.	29856362.	6340.	104530681.			
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PERCENT DISTRIBUTION (COLUMN)														
CORPORATIONS-----	68.1	74.4	42.2	57.4	47.1	58.5	37.6	72.3	52.1	51.0	66.6			
PARTNERSHIPS-----	6.7	5.8	8.6	6.5	6.2	4.5	4.5	5.7	5.9	7.4	5.7			
SINGLE OWNER-----	10.3	5.6	20.9	15.5	13.5	5.4	11.7	5.5	14.5	16.0	8.1			
COOPERATIVES-----	14.9	14.2	28.4	20.7	33.1	31.6	46.2	16.5	27.4	25.6	19.6			
U.S. TOTAL-----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			
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PERCENT DISTRIBUTION (ROW)														
CORPORATIONS-----	39.1	69.5	38.0	18.1	22.9	8.2	4.3	77.6	22.4	100.0	100.0			
PARTNERSHIPS-----	26.3	63.2	53.0	23.6	20.8	7.3	5.9	70.4	29.6	100.0	100.0			
SINGLE OWNER-----	18.9	42.6	60.1	40.3	21.0	6.2	10.9	48.9	51.1	100.0	100.0			
COOPERATIVES-----	17.0	45.1	50.9	22.2	32.0	15.0	17.8	60.1	39.9	100.0	100.0			
U.S. TOTAL-----	29.3	62.2	45.9	21.0	24.8	9.3	7.5	71.4	28.6	100.0	100.0			

APPENDIX TABLE 19---FORMULA FEED FROM PRIMARY MANUFACTURING: PRODUCTION, BY TYPE OF FEED, BY STATE AND REGION, 1975

STATE AND REGION	STARTER- GROWER, LAYER- BREEDER	BROILER	TURKEY	DAIRY	BEEF AND SHEEP	HOG	HORSE	ALL OTHER	TOTAL
-TONS-									
MAINE-----	376452	300860	0	66213	0	4000	1333	0	748859
NEW HAMPSHIRE-----	47147	487	1382	111743	207	7582	7898	3272	179617
VERMONT-----	95805	1474	2019	615311	265	21018	61289	45472	843733
MASSACHUSETTS-----	170669	35	16226	102540	3206	5287	8875	14201	321638
CONNECTICUT-----	27562	4347	1278	50580	125	639	2235	1416	88082
NEW YORK-----	301801	7051	12648	1279861	4222	23359	24845	93196	1746984
NEW JERSEY-----	196546	0	1485	16427	1903	926	3162	142670	361119
PENNSYLVANIA-----	528096	329779	78206	858125	47933	134821	60140	202873	2239974
DELAWARE-----	51612	681974	8068	35947	1140	35777	3462	2979	823959
MARYLAND-----	492099	2126907	561	101292	6952	18934	29625	18120	2794492
NORTHEAST-----	2290769	3452914	122475	3239040	65852	252343	202866	522197	10148455
MICHIGAN-----	91837	3172	6080	148661	30790	85790	12192	14803	393326
WISCONSIN-----	140820	18449	159554	918965	39009	342475	15340	67617	1702230
MINNESOTA-----	208549	50972	314584	296326	135967	463830	13816	107453	1591497
LAKE STATES-----	441206	72593	480219	1363952	205766	892095	41348	189873	3687052
OHIO-----	268856	52022	51749	499721	425389	797294	44150	76293	2235474
INDIANA-----	513804	25221	58776	340785	114625	790272	22136	198438	2064057
ILLINOIS-----	271092	1460	36291	211771	297704	869093	38750	341180	2017342
IOWA-----	128585	17230	48152	203664	680263	1857655	17256	96976	3049582
MISSOURI-----	114015	15335	252814	364510	283152	481330	17760	303820	1832737
CORN BELT-----	1316152	111268	447782	1620451	1751134	4795645	140052	1016707	11199191
NORTH DAKOTA-----	4402	4721	8969	17195	37325	65532	1057	23511	163111
SOUTH DAKOTA-----	30037	248	1167	25373	199788	172466	985	65910	445993
NEBRASKA-----	75649	1924	27889	97037	886341	717239	9866	54945	1872868
KANSAS-----	77624	2448	1588	146377	1425567	319615	13602	14707	2001539
NORTHERN PLAINS-----	187712	11342	39603	265982	2499019	1274872	2507	159474	4483511
VIRGINIA-----	165323	141602	197132	261283	22868	95243	85316	32509	1001276
WEST VIRGINIA-----	1918	0	0	17608	384	1266	1000	346	22522
NORTH CAROLINA-----	533420	851190	290124	232617	27689	446320	45803	64141	2491505
KENTUCKY-----	77068	49476	14212	201172	77622	113167	15523	14259	562500
TENNESSEE-----	389446	496874	8426	714227	153407	259969	120096	60026	2202471
APPALACHIAN-----	1167175	1539141	509895	1427107	281972	915964	267738	171282	6280273
SOUTH CAROLINA-----	182357	11328	11449	49888	7707	34019	3159	240	291246
GEORGIA-----	1079688	1741943	52428	302021	113844	468907	47320	50129	3856281
FLORIDA-----	725459	361145	277	778815	280036	28690	120616	123909	2418886
ALABAMA-----	329853	780640	252	137962	121836	183080	53941	158699	1766462
SOUTHEAST-----	2317357	2895055	64405	1259785	523423	714597	225037	333177	8332876
MISSISSIPPI-----	382434	849055	19	246305	94842	71396	41144	28954	1718149
ARKANSAS-----	701898	1992684	255476	144311	151722	41064	15681	35044	3337790
LOUISIANA-----	72774	255136	147	257192	97224	24098	48228	9143	764541
DELTA STATES-----	1157015	3096075	255642	648408	343788	136557	105033	73142	5816480
OKLAHOMA-----	203928	106891	64712	178088	1249698	144240	81821	81032	2100408
TEXAS-----	642049	830156	226516	776006	4616543	355866	256401	184100	7687636
SOUTHERN PLAINS-----	845976	937047	281228	954094	5866241	50105	338222	265132	9988045
MONTANA-----	12112	0	180	12651	187826	34408	4552	10975	262703
IDAHO-----	12171	1321	40	90316	245901	9514	1520	25175	385958
WYOMING-----	1039	0	0	4450	26559	2368	1523	1350	37289
COLORADO-----	22106	31429	57219	35247	1515726	108659	18993	5870	1786289
NEW MEXICO-----	0	0	0	44698	270427	19547	2823	18048	355544
ARIZONA-----	61572	7601	0	98933	1081162	17998	31311	16822	1315461
UTAH-----	53845	534	108548	71435	27971	6605	14203	21760	306901
NEVADA-----	45796	6544	2639	90031	87306	22278	39965	52105	345662
MOUNTAIN-----	208641	46430	168627	445821	3443878	215417	114890	152105	4795807
WASHINGTON-----	194288	70829	13510	485208	285195	30716	17234	23978	1070959
OREGON-----	89630	30443	25696	135368	56914	24860	6707	10642	360261
CALIFORNIA-----	1965759	430765	660795	2343965	1694219	66633	55660	161876	758674
PACIFIC-----	2199678	532037	700000	296451	2236328	124209	79602	196497	9040893
47 STATES-----	12131721	12694702	3077873	14209181	17217401	9821805	1540314	3079583	73772582

APPENDIX TABLE 204--COMPLETE FEED FROM PRIMARY MANUFACTURING: PRODUCTION\* BY TYPE OF FEED, BY STATE AND REGION, 1975

STATE AND REGION	STARTER- GROWER- LAYER- BREEDER	BROILER	TURKEY	DAIRY	BEEF AND SHEEP	HOG	HORSE	ALL OTHER	TOTAL
-TONS-									
MAINE-----	369519	300860	0	66213	0	4000	1335	0	741925
NEW HAMPSHIRE-----	47137	487	1382	110808	107	7575	7898	3272	178665
VERMONT-----	95885	1418	2019	609451	140	21018	60498	45472	835901
MASSACHUSETTS-----	170669	35	16826	101943	3085	5238	8875	14201	320791
CONNECTICUT-----	27462	4347	1278	48936	0	606	2235	1416	86280
NEW YORK-----	293032	7051	12525	1206873	1641	18363	23007	92112	1654605
NEW JERSEY-----	139709	0	1485	14227	1896	926	3162	146670	302075
PENNSYLVANIA-----	498406	327565	70893	629732	29041	109159	50846	195368	1902011
DELAWARE-----	54423	681974	8058	34043	324	31490	3462	2979	816764
MARYLAND-----	489299	2089786	561	86187	6196	14378	29626	18120	2734154
NORTHEAST-----	2176541	3413523	115037	2908414	42349	212753	190944	513609	9573171
MICHIGAN-----	58993	1096	1109	93442	14457	42600	10988	14190	236876
WISCONSIN-----	91065	9210	151068	773502	11210	265927	14847	38243	1355073
MINNESOTA-----	157277	50691	292981	158495	64164	255784	13285	69573	1062249
LAKE STATES-----	307335	60997	445158	1025440	89831	564311	39120	122006	2654198
OHIO-----	161583	51518	29275	319418	199987	386374	43142	65530	1260827
INDIANA-----	398065	24492	38786	267866	59430	526921	21868	184677	1522104
ILLINOIS-----	139713	606	8555	106067	67558	425475	36282	330224	1114479
IOWA-----	69972	5384	28115	84646	180448	904116	3858	31117	1307656
MISSOURI-----	103545	14891	252122	354328	211951	346386	15282	295448	1593953
CORN BELT-----	872078	96891	356853	1132325	719373	2589272	120432	910996	6779026
NORTH DAKOTA-----	2474	4196	8369	15724	15718	58070	876	20959	126367
SOUTH DAKOTA-----	18876	248	115	17248	65336	91874	737	16820	211254
NEBRASKA-----	59786	3062	25321	43250	640935	381050	9356	24627	1187546
KANSAS-----	53091	1581	1397	134553	1172218	201635	11304	11058	1586837
NORTHERN PLAINS-----	134228	9087	35203	210775	1894206	732629	22273	73665	3112065
VIRGINIA-----	157324	141602	197028	243530	18474	60078	85316	27560	930911
WEST VIRGINIA-----	1918	0	0	17608	0	500	1000	0	21026
NORTH CAROLINA-----	492126	782978	275633	218286	22150	296325	45701	59133	2192332
KENTUCKY-----	74904	47791	4474	182058	58022	52276	15523	9651	44700
TENNESSEE-----	279449	397767	1268	692626	127487	181949	120018	44476	1845038
APPALACHIAN-----	1005720	1370130	478403	1354108	226133	591127	267558	140819	5434006
SOUTH CAROLINA-----	153598	10380	10973	39264	7386	28169	3159	240	253170
GEORGIA-----	1022678	1735129	52169	292738	88981	392323	47316	49951	3681487
FLORIDA-----	638911	361145	0	579891	237282	24090	92632	88915	2022864
ALABAMA-----	328403	704226	252	131436	107988	141771	53941	158899	1626921
SOUTHEAST-----	2143789	2810883	63394	1043332	441637	566354	197048	298004	7584411
MISSISSIPPI-----	375800	841335	19	229024	83733	62308	41144	28954	1662317
ARKANSAS-----	699695	1910625	255233	144307	151162	39948	15681	35044	3251696
LOUISIANA-----	72536	255136	147	257391	96536	22707	48228	9143	761823
DELTA STATES-----	1146031	3007095	255400	630721	331431	124964	105053	73142	5675836
OKLAHOMA-----	203276	105891	54712	177045	1225758	138550	81709	81032	2068973
TEXAS-----	598649	825791	209123	729410	4139454	280312	249185	162253	7194378
SOUTHERN PLAINS-----	802125	932682	263835	906455	5365213	*18862	330894	243285	9263351
MONTANA-----	11779	0	180	11264	171693	28926	4486	10073	238400
IDAHO-----	11859	1313	32	82555	190326	7578	1504	25135	320402
WYOMING-----	340	0	0	3550	20625	2060	619	1350	28544
COLORADO-----	13727	31149	57121	26759	1296627	92498	15262	5870	1539213
NEW MEXICO-----	0	0	0	43297	265321	19547	2780	18048	348985
ARIZONA-----	61161	7601	0	94034	1046019	14511	31311	13706	1269144
UTAH-----	53190	504	108548	66769	11638	8092	14069	18590	281399
NEVADA-----	46796	5544	2639	78901	86142	22278	39965	52105	333368
MOUNTAIN-----	197951	46111	168521	407929	3088592	195490	109997	144876	4359466
WASHINGTON-----	143254	69307	13461	484644	281253	29275	17234	23978	1062386
OREGON-----	69470	30415	24171	134830	47531	23731	6554	9283	346083
CALIFORNIA-----	1946268	395644	668324	2270050	1867774	61595	51156	106937	7363748
PACIFIC-----	2160972	495365	705956	2889523	2196558	114601	75044	134198	8772217
47 STATES-----	10949570	12242772	2887759	12509022	14395322	6130363	1458363	2654600	63227771

APPENDIX TABLE 21--SUPPLEMENT FEED FROM PRIMARY MANUFACTURING: PRODUCTION, BY TYPE OF FEED, BY STATE AND REGION, 1975

STATE AND REGION	STARTER- GROWER- LATER- BREEDER	BROILER	TURKEY	DAIRY	BEEF AND SHEEP	HOG	HORSE	ALL OTHER	TOTAL
TONS-									
MAINE-----	0	0	0	0	0	0	0	0	0
NEW HAMPSHIRE-----	100	0	0	935	0	7	0	0	952
VERMONT-----	0	56	0	6860	125	0	791	0	7832
MASSACHUSETTS-----	0	0	0	597	201	49	0	0	847
CONNECTICUT-----	0	0	0	1644	125	33	0	0	1802
NEW YORK-----	8544	0	118	70811	2579	4940	1839	1083	89914
NEW JERSEY-----	56837	0	0	2200	7	0	0	0	59044
PENNSYLVANIA-----	38642	2214	7269	223179	18289	25479	9280	7505	331855
DELAWARE-----	189	0	0	1904	815	4287	0	0	7195
MARYLAND-----	2800	22	0	15105	756	4556	0	0	23239
NORTHEAST-----	107022	2292	7387	323234	22897	39350	11910	8588	522680
MICHIGAN-----	28501	2077	4972	85055	16076	42579	1204	613	151275
WISCONSIN-----	41956	9239	8486	142131	27459	74980	430	23860	328551
MINNESOTA-----	50287	235	17374	134624	70864	195384	516	51152	500437
LAKE STATES-----	121144	11551	30832	331811	114410	312743	2150	55625	980264
OHIO-----	127202	504	22474	175323	221953	408264	702	6762	963244
INDIANA-----	95615	729	16350	72390	52562	257690	265	13264	508564
ILLINOIS-----	131300	854	27732	105055	179053	426951	2426	10289	883660
IOWA-----	56899	11232	19507	118576	493424	930817	2286	36651	1669392
MISSOURI-----	10401	411	237	10046	70675	133841	2471	8360	236442
CORN BELT-----	421417	13730	86001	481390	1017667	2157562	8208	75326	4261302
NORTH DAKOTA-----	1928	433	600	1434	21390	7203	174	2912	36074
SOUTH DAKOTA-----	11113	0	356	8114	84453	80430	248	48424	235139
NEBRASKA-----	18614	862	2548	53788	244923	332441	506	29838	680020
KANSAS-----	24521	868	201	11811	250619	117691	2297	3649	411657
NORTHERN PLAINS-----	53177	2163	3704	75147	600885	537765	3225	84823	1360889
VIRGINIA-----	7999	0	104	17688	4330	34906	0	4948	69976
WEST VIRGINIA-----	0	0	0	0	384	766	0	346	1496
NORTH CAROLINA-----	33569	0	14492	14530	5539	149905	64	5009	223108
KENTUCKY-----	2164	1684	9738	19113	19600	60891	0	4609	117799
TENNESSEE-----	109997	99107	7158	21601	25921	77942	78	15550	357355
APPALACHIAN-----	153730	100792	31492	72933	55773	324411	142	30462	769735
SOUTH CAROLINA-----	28759	694	475	1723	321	5849	0	0	37823
GEORGIA-----	54085	6630	259	9283	24663	75654	4	178	170961
FLORIDA-----	86585	0	277	198924	42755	4500	27984	34994	396023
ALABAMA-----	1450	76412	0	6233	13847	41389	0	0	139251
SOUTHEAST-----	170887	83736	1011	216163	81787	127313	27988	36172	744057
MISSISSIPPI-----	5668	7721	0	17281	11109	9088	0	0	50866
ARKANSAS-----	1731	60179	0	4	560	1115	0	0	63589
LOUISIANA-----	238	0	0	402	689	1390	0	0	2719
DELTA STATES-----	7636	67900	0	17687	12357	11593	0	0	117174
OKLAHOMA-----	488	0	0	1343	19468	5395	112	0	26506
TEXAS-----	41893	15	17393	45552	456351	75261	6933	19575	662973
SOUTHERN PLAINS-----	42381	15	17393	46895	475820	80656	7045	19575	689479
MONTANA-----	333	0	0	1387	16133	5082	66	902	24303
IDAHO-----	212	8	8	7760	55576	1935	16	40	55556
WYOMING-----	499	0	0	900	5934	308	504	0	6745
COLORADO-----	7144	280	98	6488	193851	6801	3751	0	218393
NEW MEXICO-----	0	0	0	1401	5136	0	42	0	6549
ARIZONA-----	0	0	0	3981	33818	3326	0	3117	44241
UTAH-----	113	25	0	2709	16333	124	108	3170	22581
NEVADA-----	0	0	0	0	1164	0	0	0	1164
MOUNTAIN-----	8501	313	106	24626	327913	17976	4867	7229	391532
WASHINGTON-----	1054	1523	49	564	3942	1441	0	0	6573
OREGON-----	18352	24	1524	427	9367	1070	40	893	31697
CALIFORNIA-----	3136	35121	470	73875	8543	6998	4464	60899	193505
PACIFIC-----	22542	36668	2043	74866	21852	9508	4504	61792	233775
47 STATES-----	1108437	319159	179968	166453	2731362	3618876	70059	378593	10070886

APPENDIX TABLE 22.--FEED PREMIX FROM PRIMARY MANUFACTURING: PRODUCTION, BY TYPE OF FEED, BY STATE AND REGION, 1975

STATE AND REGION	STARTER- GROWER- LAYER- BREEDER	BROILER	TURKEY	DAIRY	BEEF AND SHEEP	HOG	HORSE	ALL OTHER	TOTAL
-TONS-									
MAINE-----	6933	0	0	0	0	0	0	0	6933
NEW HAMPSHIRE-----	0	0	0	0	0	0	0	0	0
VERMONT-----	0	0	0	0	0	0	0	0	0
MASSACHUSETTS-----	0	0	0	0	0	0	0	0	0
CONNECTICUT-----	0	0	0	0	0	0	0	0	0
NEW YORK-----	224	0	6	2177	1	57	0	0	2465
NEW JERSEY-----	0	0	0	0	0	0	0	0	0
PENNSYLVANIA-----	48	0	44	5215	605	184	12	0	6107
DELAWARE-----	0	0	0	0	0	0	0	0	0
MARYLAND-----	0	37099	0	0	0	0	0	0	37099
NORTHEAST-----	7206	37099	49	7392	606	240	12	0	52604
MICHIGAN-----	3943	0	0	163	257	811	0	0	5175
WISCONSIN-----	7799	0	0	3332	329	1568	63	5514	18605
MINNESOTA-----	985	45	4230	3206	939	12662	15	6728	28811
LAKE STATES-----	12727	46	4230	6701	1525	15042	78	12242	52590
OHIO-----	71	0	0	4979	3450	2657	246	0	11403
INDIANA-----	20125	0	3940	529	2633	5662	4	497	33389
ILLINOIS-----	89	0	4	649	1093	16667	42	667	19202
LOUISIANA-----	1514	614	523	443	6391	22723	11112	29208	72533
MISSOURI-----	49	32	455	136	326	1103	7	12	2341
CORN BELT-----	21858	646	4928	6736	14093	48811	11411	30384	138868
NORTH DAKOTA-----	0	92	0	37	215	259	7	39	650
SOUTH DAKOTA-----	47	0	696	10	0	182	0	665	1600
NEBRASKA-----	249	0	0	0	983	3749	0	281	5262
KANSAS-----	12	0	0	13	2731	289	1	0	3046
NORTHERN PLAINS-----	308	92	696	60	3928	4479	9	985	10558
VIRGINIA-----	0	0	0	65	65	259	0	0	389
WEST VIRGINIA-----	0	0	0	0	0	0	0	0	0
NORTH CAROLINA-----	7725	68212	0	0	0	90	38	0	76065
KENTUCKY-----	0	0	0	0	0	0	0	0	0
TENNESSEE-----	0	0	0	0	0	78	0	0	78
APPALACHIAN-----	7725	68212	0	65	65	426	38	0	76532
SOUTH CAROLINA-----	0	253	0	0	0	0	0	0	253
GEORGIA-----	2720	183	0	0	0	950	0	0	3834
FLORIDA-----	0	0	0	0	0	0	0	0	0
ALABAMA-----	0	0	0	291	0	0	0	0	291
SOUTHEAST-----	2720	436	0	291	0	930	0	0	4378
MISSISSIPPI-----	965	0	0	0	0	0	0	0	965
ARKANSAS-----	382	21880	243	0	0	0	0	0	22505
LOUISIANA-----	0	0	0	0	0	0	0	0	0
DELTA STATES-----	1347	21880	243	0	0	0	0	0	23470
OKLAHOMA-----	164	0	0	0	4471	295	0	0	4930
TEXAS-----	1307	4350	0	1044	20758	292	283	2272	30285
SOUTHERN PLAINS-----	1471	4350	0	1044	25208	587	283	2272	35214
MONTANA-----	0	0	0	0	0	0	0	0	0
IDAHO-----	0	0	0	0	0	0	0	0	0
WYOMING-----	0	0	0	0	0	0	0	0	0
COLORADO-----	1235	0	0	0	26048	1400	0	0	28683
NEW MEXICO-----	0	0	0	0	0	0	0	0	0
ARIZONA-----	411	0	0	178	1325	161	0	0	2076
UTAH-----	542	6	0	1958	0	389	26	0	2921
NEVADA-----	0	0	0	11130	0	0	0	0	11130
MOUNTAIN-----	2188	6	0	13266	27373	1950	26	0	44810
WASHINGTON-----	0	0	0	0	0	0	0	0	0
OREGON-----	1808	4	1	111	16	59	14	466	2481
CALIFORNIA-----	14356	0	0	41	17902	41	41	41	32421
PACIFIC-----	16164	4	1	152	17918	100	55	507	34902
47 STATES-----	75715	132771	10147	35707	90718	72566	11912	46390	473926

APPENDIX TABLE 23.--FORMULA FEED FROM PRIMARY MANUFACTURING: PRODUCTION BY TYPE OF FEED, BY OWNERSHIP AND SIZE INTERVAL,  
UNITED STATES, 1975

OWNERSHIP AND SIZE INTERVAL	STARTER-	GROWER-	BROILER	TURKEY	DAIRY	BEEF AND SHEEP	HOG	HORSE	ALL OTHER	TOTAL
- - - - - TONS - - - - -										
<b>CORPORATION:</b>										
UP TO 999 TONS---	3282	7	0	7014	9961	13396	1787	3426	38873	
1,000-9,999 TONS--	318538	29613	74471	715841	761837	691314	98893	198003	2888511	
10,000-24,999 TONS--	706877	69671	241767	1062898	1437350	1138207	145078	289079	5090926	
25,000-49,999 TONS--	1976691	645886	408602	1606969	2143260	1275178	190156	678747	8925489	
50,000 TONS AND UP--	5572992	8518485	1959821	5801973	9539609	3318250	857508	1149024	36717663	
<b>TOTAL-----</b>	<b>8578380</b>	<b>9263662</b>	<b>2684661</b>	<b>9194696</b>	<b>13892017</b>	<b>6436346</b>	<b>1293422</b>	<b>2318279</b>	<b>53661462</b>	
<b>PARTNERSHIP:</b>										
UP TO 999 TONS----	739	0	0	3830	1690	5878	73	347	12557	
1,000-9,999 TONS--	32277	262	25078	131069	129582	76357	7976	23765	426367	
10,000-24,999 TONS--	30736	38607	4081	35823	178265	23098	11277	38680	360567	
25,000-49,999 TONS--	45773	151645	0	0	249768	41091	0	0	488277	
50,000 TONS AND UP--	509741	470357	0	199395	1035313	452500	0	0	2667306	
<b>TOTAL-----</b>	<b>619267</b>	<b>660871</b>	<b>29159</b>	<b>370117</b>	<b>1594617</b>	<b>598924</b>	<b>19325</b>	<b>62792</b>	<b>3955073</b>	
<b>SINGLE OWNER:</b>										
UP TO 999 TONS----	2616	0	0	8047	8698	7894	3330	77	30663	
1,000-9,999 TONS--	56885	472	23808	169018	136935	117313	37056	6425	547912	
10,000-24,999 TONS--	76667	30514	42275	112647	172836	55037	1918	23054	514949	
25,000-49,999 TONS--	43155	50117	0	54669	124311	49267	5111	58106	384737	
50,000 TONS AND UP--	462542	1557139	340	161764	68250	232930	1998	136755	2621717	
<b>TOTAL-----</b>	<b>641865</b>	<b>1638242</b>	<b>66423</b>	<b>506146</b>	<b>511030</b>	<b>462442</b>	<b>49413</b>	<b>224418</b>	<b>4099978</b>	
<b>COOPERATIVE:</b>										
UP TO 999 TONS----	1129	31	0	3490	4030	8496	1592	1173	19941	
1,000-9,999 TONS--	55619	3460	11460	302694	251705	369407	12916	15623	1022884	
10,000-24,999 TONS--	99268	3058	27535	433410	177103	445581	9839	22690	1218483	
25,000-49,999 TONS--	416874	43115	70170	704610	2881%	416810	54259	122843	2116875	
50,000 TONS AND UP--	1719320	1082263	188467	2694019	498705	1083798	99548	311767	7677888	
<b>TOTAL-----</b>	<b>2292210</b>	<b>1131927</b>	<b>297631</b>	<b>4138223</b>	<b>1219737</b>	<b>2324093</b>	<b>178154</b>	<b>474095</b>	<b>12056070</b>	
<b>TOTAL:</b>										
UP TO 999 TONS----	7765	38	0	22382	24379	35665	6782	5023	102034	
1,000-9,999 TONS--	463320	33807	134817	1318622	1280059	1254392	156841	243816	4885673	
10,000-24,999 TONS--	913548	141850	315658	1644778	1965554	1661924	168112	373503	7184926	
25,000-49,999 TONS--	2482493	890763	478771	2366248	2805533	1782346	249526	859696	11915377	
50,000 TONS AND UP--	8264595	11628244	2148628	8857151	11141877	5087478	959054	1597546	49684573	
<b>TOTAL-----</b>	<b>12131721</b>	<b>12694702</b>	<b>3077873</b>	<b>14209181</b>	<b>17217401</b>	<b>9821805</b>	<b>1540314</b>	<b>3079583</b>	<b>73772582</b>	

**APPENDIX TABLE 24.--COMPLETE FEED FROM PRIMARY MANUFACTURING: PRODUCTION BY TYPE OF FEED, BY OWNERSHIP AND SIZE INTERVAL,  
UNITED STATES, 1975**

OWNERSHIP AND SIZE INTERVAL	STARTER	GROWER	BROILER	TURKEY	DAIRY	BEEF AND SHEEP	HOG	HORSE	ALL OTHER	TOTAL
-TONS-										
<b>CORPORATION:</b>										
UP TO 999 TONS----	3200	7	0	6830	9707	10898	1769	3426	35836	
1,000-9,999 TONS--	280237	28000	72359	628948	594189	531261	84881	150173	2370048	
10,000-24,999 TONS--	635960	66369	229243	945657	1049995	697314	121580	217102	3963218	
25,000-49,999 TONS--	1718861	630897	373436	1305773	1607252	758276	176280	554540	7125314	
50,000 TONS AND UP--	4975573	8199450	1866129	5048269	8434293	1796892	832976	1034425	32182008	
<b>TOTAL-----</b>	<b>7613831</b>	<b>8924722</b>	<b>2535167</b>	<b>7935477</b>	<b>11695436</b>	<b>3794641</b>	<b>1217486</b>	<b>1959666</b>	<b>45676425</b>	
<b>PARTNERSHIP:</b>										
UP TO 999 TONS----	733	0	0	3053	1593	1792	73	347	7591	
1,000-9,999 TONS--	15415	250	25077	107727	120193	59870	7778	23661	359971	
10,000-24,999 TONS--	30736	38607	4081	35689	173478	22050	11277	37865	353782	
25,000-49,999 TONS--	45773	151645	0	0	249768	29091	0	0	476277	
50,000 TONS AND UP--	509490	470357	0	152006	893481	263273	0	0	2288607	
<b>TOTAL-----</b>	<b>602147</b>	<b>660859</b>	<b>29158</b>	<b>298475</b>	<b>1438514</b>	<b>376075</b>	<b>19128</b>	<b>61873</b>	<b>3486228</b>	
<b>SINGLE OWNER:</b>										
UP TO 999 TONS----	2334	0	0	7254	7716	6311	3166	77	26858	
1,000-9,999 TONS--	55326	469	23808	149287	122369	90851	36907	6330	485346	
10,000-24,999 TONS--	74360	30514	42275	106034	160303	49031	1918	23054	487491	
25,000-49,999 TONS--	43155	50117	0	50887	124311	49267	5111	58106	380955	
50,000 TONS AND UP--	455140	1520040	251	147783	67640	229995	714	135676	2557240	
<b>TOTAL-----</b>	<b>630316</b>	<b>1601140</b>	<b>66334</b>	<b>461245</b>	<b>482339</b>	<b>425456</b>	<b>47815</b>	<b>223244</b>	<b>3937889</b>	
<b>COOPERATIVE:</b>										
UP TO 999 TONS----	966	31	0	3335	3786	6390	1592	1173	17273	
1,000-9,999 TONS--	46726	3352	11430	265049	210706	250369	12458	13773	813893	
10,000-24,999 TONS--	86620	2938	24819	395691	107720	310261	9283	17502	954834	
25,000-49,999 TONS--	371274	43115	63191	627068	128728	228457	51209	94595	1607636	
50,000 TONS AND UP--	1597691	1006614	157631	2522683	328092	738715	99392	282774	6733592	
<b>TOTAL-----</b>	<b>2103276</b>	<b>1056050</b>	<b>257100</b>	<b>3813826</b>	<b>779033</b>	<b>1534192</b>	<b>173934</b>	<b>409817</b>	<b>10127229</b>	
<b>TOTAL:</b>										
UP TO 999 TONS----	7233	38	0	20472	22803	25391	6599	5023	87558	
1,000-9,999 TONS--	397704	32071	132703	1151010	1047458	932351	142023	193938	4029259	
10,000-24,999 TONS--	827676	138428	300418	1483071	1491496	1078656	144057	295523	5759325	
25,000-49,999 TONS--	2179063	875774	436627	1983728	2110058	1065090	232691	707241	9590182	
50,000 TONS AND UP--	7537894	11196461	2018011	7870742	9723507	3028875	933083	1452875	43761447	
<b>TOTAL-----</b>	<b>10949570</b>	<b>12242772</b>	<b>2887759</b>	<b>12509022</b>	<b>14395322</b>	<b>6130363</b>	<b>1458363</b>	<b>2654600</b>	<b>63227771</b>	

APPENDIX TABLE 25.--SUPPLEMENT FEED FROM PRIMARY MANUFACTURING: PRODUCTION BY TYPE OF FEED, BY OWNERSHIP AND SIZE INTERVAL,  
UNITED STATES, 1975

OWNERSHIP AND SIZE INTERVAL	STARTER- GROWER,	BROILER	TURKEY	DAIRY	BEEF AND SHEEP	HOG	HORSE	ALL OTHER	TOTAL
-TONS-									
<b>CORPORATION:</b>									
UP TO 999 TONS----	81	0	0	185	254	2458	18	0	2996
1,000-9,999 TONS--	37444	858	1596	70453	158924	126706	2484	39851	438316
10,000-24,999 TONS--	49866	3302	8513	116077	379253	417884	23446	71195	1069536
25,000-49,999 TONS--	250278	14805	34881	298111	529284	511865	13582	121941	1774746
50,000 TONS AND UP--	594686	292520	94739	740313	1042697	1518423	24524	107313	4415215
<b>TOTAL-----</b>	<b>932356</b>	<b>311485</b>	<b>139729</b>	<b>1225139</b>	<b>2110412</b>	<b>2577336</b>	<b>64055</b>	<b>340299</b>	<b>7700809</b>
<b>PARTNERSHIP:</b>									
UP TO 999 TONS----	6	0	0	776	97	4086	0	0	4965
1,000-9,999 TONS--	2752	11	0	23343	8613	16487	197	104	51508
10,000-24,999 TONS--	0	0	0	134	4786	1049	0	679	6649
25,000-49,999 TONS--	0	0	0	0	0	12000	0	0	12000
50,000 TONS AND UP--	7	0	0	47389	141832	189227	0	0	378455
<b>TOTAL-----</b>	<b>2764</b>	<b>11</b>	<b>0</b>	<b>71642</b>	<b>155328</b>	<b>222849</b>	<b>197</b>	<b>783</b>	<b>453576</b>
<b>SINGLE OWNER:</b>									
UP TO 999 TONS----	282	0	0	794	931	1570	165	0	3740
1,000-9,999 TONS--	1559	3	0	19690	14169	26413	149	94	62077
10,000-24,999 TONS--	1628	0	0	5550	11045	6006	0	0	25228
25,000-49,999 TONS--	0	0	0	3782	0	0	0	0	3782
50,000 TONS AND UP--	468	0	89	13981	610	2934	1284	1079	20445
<b>TOTAL-----</b>	<b>3936</b>	<b>3</b>	<b>89</b>	<b>44796</b>	<b>26755</b>	<b>36923</b>	<b>1598</b>	<b>1172</b>	<b>115273</b>
<b>COOPERATIVE:</b>									
UP TO 999 TONS----	163	0	0	155	244	2106	0	0	2668
1,000-9,999 TONS--	8847	108	0	36694	40591	118049	454	1849	206592
10,000-24,999 TONS--	12503	114	2373	37283	69188	133869	530	5188	261049
25,000-49,999 TONS--	33963	0	6941	77542	158231	184031	3050	308	464067
50,000 TONS AND UP--	113904	7437	30836	1...01	170612	343712	156	28993	866852
<b>TOTAL-----</b>	<b>169380</b>	<b>7660</b>	<b>40151</b>	<b>322876</b>	<b>438867</b>	<b>781767</b>	<b>4190</b>	<b>36339</b>	<b>1801228</b>
<b>TOTAL:</b>									
UP TO 999 TONS----	532	0	0	1910	1525	10220	183	0	14370
1,000-9,999 TONS--	50602	981	1596	150179	222298	287656	3285	41897	758493
10,000-24,999 TONS--	63997	3416	10886	160045	464272	558808	23976	77062	1362462
25,000-49,999 TONS--	284241	14805	41823	379435	687515	707896	16631	122249	2254595
50,000 TONS AND UP--	709065	299957	125664	972884	1355751	2054297	25964	137384	5680967
<b>TOTAL-----</b>	<b>1108437</b>	<b>319159</b>	<b>179968</b>	<b>1664453</b>	<b>2731362</b>	<b>3618876</b>	<b>70039</b>	<b>378593</b>	<b>10070886</b>

APPENDIX TABLE 26.--FEED PREMIX FROM PRIMARY MANUFACTURING: PRODUCTION BY TYPE OF FEED, BY OWNERSHIP AND SIZE INTERVAL,  
UNITED STATES, 1975

OWNERSHIP AND SIZE INTERVAL	STARTER- GROWER,	BROILER	TURKEY	DAIRY	BEEF AND SHEEP	HOG	HORSE	ALL OTHER	TOTAL
--TONS--									
<b>CORPORATION:</b>									
UP TO 999 TONS---	0	0	0	0	0	41	0	0	41
1,000-9,999 TONS--	857	755	516	16440	8724	33347	11528	7979	80147
10,000-24,999 TONS--	21051	0	4012	1164	8103	23009	52	781	58172
25,000-49,999 TONS--	7551	185	284	3085	6725	5037	294	2267	25428
50,000 TONS AND UP--	2734	26515	4953	13391	62619	2935	7	7286	120440
<b>TOTAL-----</b>	<b>32193</b>	<b>27455</b>	<b>9765</b>	<b>34080</b>	<b>86170</b>	<b>64369</b>	<b>11881</b>	<b>18313</b>	<b>284228</b>
<b>PARTNERSHIP:</b>									
UP TO 999 TONS---	0	0	0	0	0	0	0	0	0
1,000-9,999 TONS--	14111	0	1	0	775	0	0	0	14888
10,000-24,999 TONS--	0	0	0	0	0	0	0	136	136
25,000-49,999 TONS--	0	0	0	0	0	0	0	0	0
50,000 TONS AND UP--	245	0	0	0	0	0	0	0	245
<b>TOTAL-----</b>	<b>14356</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>775</b>	<b>0</b>	<b>0</b>	<b>136</b>	<b>15268</b>
<b>SINGLE OWNER:</b>									
UP TO 999 TONS---	0	0	0	0	51	14	0	0	65
1,000-9,999 TONS--	0	0	0	42	397	49	0	1	489
10,000-24,999 TONS--	679	0	0	63	1488	0	0	0	2231
25,000-49,999 TONS--	0	0	0	0	0	0	0	0	0
50,000 TONS AND UP--	6933	37099	0	0	0	0	0	0	44032
<b>TOTAL-----</b>	<b>7613</b>	<b>37099</b>	<b>0</b>	<b>105</b>	<b>1936</b>	<b>63</b>	<b>0</b>	<b>1</b>	<b>46816</b>
<b>COOPERATIVE:</b>									
UP TO 999 TONS---	0	0	0	0	0	0	0	0	0
1,000-9,999 TONS--	46	0	0	951	408	989	4	0	2398
10,000-24,999 TONS--	145	6	343	435	194	1451	26	0	2600
25,000-49,999 TONS--	11638	0	37	0	1235	4323	0	27940	45172
50,000 TONS AND UP--	7725	68212	0	135	0	1371	0	0	77443
<b>TOTAL-----</b>	<b>19554</b>	<b>68217</b>	<b>380</b>	<b>1521</b>	<b>1837</b>	<b>8134</b>	<b>30</b>	<b>27940</b>	<b>127614</b>
<b>TOTAL:</b>									
UP TO 999 TONS---	0	0	0	0	51	55	0	0	106
1,000-9,999 TONS--	15014	755	518	17433	10304	34385	11532	7980	97921
10,000-24,999 TONS--	21875	6	4354	1663	9785	24460	78	917	63139
25,000-49,999 TONS--	19189	185	321	3085	7960	9360	294	30206	70600
50,000 TONS AND UP--	17637	131826	4953	13526	62619	4306	7	7286	242160
<b>TOTAL-----</b>	<b>73715</b>	<b>132771</b>	<b>10147</b>	<b>35707</b>	<b>90718</b>	<b>72566</b>	<b>11912</b>	<b>46390</b>	<b>473926</b>

APPENDIX TABLE 27.--TOTAL PRIMARY FEED PRODUCTION: NUMBER OF ESTABLISHMENTS<sup>1</sup> BY FORM, BY STATE AND REGION, 1975

STATE AND REGION	TOTAL ESTABLISHMENTS 1/ :	ESTABLISHMENTS PRODUCING				
		REAL	PELLETS & CRUMBLERS	CUBES	BLOCKS	LIQUID
NUMBER						
MAINE-----	12	11	8	0	0	0
NEW HAMPSHIRE-----	7	7	5	0	0	0
VERMONT-----	2/	2/	2/	0	0	0
MASSACHUSETTS-----	13	11	7	0	0	0
CONNECTICUT-----	2/	2/	2/	0	0	0
NEW YORK-----	156	153	66	2/	0	3
NEW JERSEY-----	9	9	4	0	0	0
PENNSYLVANIA-----	172	172	57	0	0	4
DELAWARE-----	14	12	8	0	0	0
MARYLAND-----	30	24	15	0	0	0
NORTHEAST-----	424	412	181	2/	0	9
MICHIGAN-----	56	56	16	2/	2/	2/
WISCONSIN-----	197	193	40	2/	2/	7
MINNESOTA-----	151	148	59	8	5	
LAKE STATES-----	403	597	115	16	7	9
OHIO-----	107	106	34	2/	2/	4
INDIANA-----	164	144	76	2/	9	2/
ILLINOIS-----	95	92	57	20	7/	2/
IOWA-----	299	299	158	33	18	23
MISSOURI-----	91	80	53	10	4	4
CORN BELT-----	737	722	379	76	40	34
NORTH DAKOTA-----	21	17	19	10	4	2/
SOUTH DAKOTA-----	38	37	20	12	6	13
NEBRASKA-----	153	111	76	37	8	16
KANSAS-----	179	174	59	33	11	2/
NORTHERN PLAINS-----	372	339	173	92	36	37
VIRGINIA-----	51	48	2/	0	0	2/
WEST VIRGINIA-----	4	4	2/	0	0	0
NORTH CAROLINA-----	88	83	42	2/	2/	0
KENTUCKY-----	40	36	21	2/	2/	5
TENNESSEE-----	61	60	32	12	2/	2/
APPALACHIAN-----	244	231	113	17	7	8
SOUTH CAROLINA-----	24	24	5	2/	0	0
GEORGIA-----	95	93	38	2/	2/	2/
FLORIDA-----	80	74	22	0	2/	2/
ALABAMA-----	61	60	19	2/	0	2/
SOUTHEAST-----	260	250	84	16	2/	7
MISSISSIPPI-----	58	52	27	11	7	2/
ARKANSAS-----	63	52	29	7	0	2/
LOUISIANA-----	33	29	15	6	0	0
DELTA STATES-----	154	134	72	23	7	4
OKLAHOMA-----	98	90	35	13	4	5
TEXAS-----	266	242	103	54	22	7
SOUTHERN PLAINS-----	364	332	138	67	26	12
MONTANA-----	55	48	28	15	7	0
IDANO-----	32	25	19	8	2/	8
WYOMING-----	10	7	7	2/	0	0
COLORADO-----	40	36	13	6	4	0
NEW MEXICO-----	27	24	8	5	5	0
ARIZONA-----	22	22	7	3	2/	0
UTAH-----	18	15	12	0	2/	0
NEVADA-----	7	5	4	2/	0	0
MOUNTAIN-----	212	182	97	40	22	8
WASHINGTON-----	36	38	28	2/	2/	2/
OREGON-----	42	42	25	0	2/	0
CALIFORNIA-----	135	118	74	2/	2/	2/
PACIFIC-----	210	198	127	9	4	4
47 STATES-----	3365	3196	1478	352	146	134

1/ SUMS OF NUMBERS OF ESTABLISHMENTS ARE GREATER THAN SHOWN IN TOTALS BECAUSE MANY ESTABLISHMENTS PRODUCE MORE THAN ONE FORM OF PRODUCT.

2/ DATA NOT GIVEN TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

APPENDIX TABLE 2B--TOTAL PRIMARY FEED PRODUCTION: QUANTITY BY FORM, BY STATE AND REGION, 1975

STATE AND REGION	PRIMARY PRODUCTION	FORM				
		MEAL	PELLETS & CRUMBLES	CUBES	BLOCKS	LIQUID
-TONS-						
MAINE-----	748359	436265	312593	0	0	0
NEW HAMPSHIRE-----	179617	84943	94673	0	0	0
VERMONT-----	1/	1/	1/	0	0	0
MASSACHUSETTS-----	321638	179459	142179	0	0	0
CONNECTICUT-----	1/	1/	1/	0	0	0
NEW YORK-----	1746984	998635	1/	1/	0	535
NEW JERSEY-----	361119	196091	165027	0	0	0
PENNSYLVANIA-----	2239574	1178933	1052405	0	0	16636
DELAWARE-----	823959	230516	593443	0	0	0
MARYLAND-----	2794492	412518	2361973	0	0	0
NORTHEAST-----	10148455	4308936	1/	1/	0	17170
RICHIGAN-----	393326	215288	176176	1/	1/	1/
WISCONSIN-----	1702230	1276506	424469	1/	1/	1/
MINNESOTA-----	1591497	934684	628638	4527	1649	21799
LAKE STATES-----	3687052	2424578	1229483	9297	1790	21904
OHIO-----	2235474	1743119	482830	1/	1/	1462
INDIANA-----	2064057	1497163	548694	1/	1/	1/
ILLINOIS-----	2017342	1136803	821749	16969	1/	1/
IOWA-----	3049582	1688982	1254664	19878	25922	60136
MISSOURI-----	1832737	653330	1130346	9989	23940	15132
CORN BELT-----	11199191	6719398	4238281	68546	56442	316523
NORTH DAKOTA-----	163111	31554	116932	8283	1/	1/
SOUTH DAKOTA-----	445993	174302	186654	37221	10754	35062
NEBRASKA-----	1872868	736359	853443	121210	17679	144176
KANSAS-----	2901539	1536771	377015	66482	1/	1/
NORTHERN PLAINS-----	4483511	2478987	1536044	233196	37151	198134
VIRGINIA-----	1001276	490838	1/	0	0	1/
WEST VIRGINIA-----	22522	12722	1/	0	0	0
NORTH CAROLINA-----	2491505	913929	1574903	1/	1/	0
KENTUCKY-----	562500	263256	252840	1/	1/	41356
TENNESSEE-----	2202471	936474	1225504	13728	1/	1/
APPALACHIAN-----	6280273	2617219	3573472	15758	26331	47493
SOUTH CAROLINA-----	291246	221896	68861	1/	1/	0
GEORGIA-----	3856281	1596187	2233630	13438	1/	1/
FLORIDA-----	2418886	1743698	667450	0	1/	1/
ALABAMA-----	1766462	749489	985309	1/	0	1/
SOUTHEAST-----	8332876	4311570	3955251	33948	12073	20035
MISSISSIPPI-----	1714149	824606	864254	1/	1914	1/
ARKANSAS-----	3337790	1530748	1776659	1/	0	1/
LOUISIANA-----	764541	269085	485754	9702	0	0
DELTA STATES-----	5816480	2624440	3126667	50592	1914	12867
OKLAHOMA-----	2100408	1223501	631985	222847	17029	5047
TEXAS-----	7867636	4650928	2841018	312384	69301	14005
SOUTHERN PLAINS-----	998045	5874428	3473002	535231	86330	19053
MONTANA-----	262703	134271	61940	37583	8910	0
IDAHO-----	385958	102427	91989	1/	1/	187326
WYOMING-----	37289	15655	16234	1/	0	0
COLORADO-----	1786289	1496522	274949	9916	4903	0
NEW MEXICO-----	355544	253574	72541	24369	5060	0
ARIZONA-----	1515461	1124618	178555	1/	1/	0
UTAH-----	306901	219249	80539	1/	1/	0
NEVADA-----	345652	263741	75650	1/	0	0
MOUNTAIN-----	4795807	3610057	872596	92948	32880	187326
WASHINGTON-----	1070959	488419	526666	1/	1/	1/
OREGON-----	380261	200815	179398	0	1/	0
CALIFORNIA-----	7589674	5314482	2259604	1/	1/	1/
PACIFIC-----	9040893	6003716	2965668	57399	3204	10905
47 STATES-----	73772562	48973329	30792733	1096996	258115	651410

1/ DATA NOT GIVEN TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

APPENDIX TABLE 29.--POULTRY PRIMARY FEED PRODUCTION: QUANTITY BY FORM, BY STATE AND REGION, 1975

STATE AND REGION	PRIMARY PRODUCTION	FORM	
		MEAL	PELLETS & CRUMBLERS
TONS			
MAINE-----	677312	386052	291260
NEW HAMPSHIRE-----	49015	39043	9972
VERMONT-----	99378	78629	20749
MASSACHUSETTS-----	147530	141698	45833
CONNECTICUT-----	53087	21752	11336
NEW YORK-----	521501	251079	70421
NEW JERSEY-----	198031	115146	82865
PENNSYLVANIA-----	936080	428967	510113
DELAWARE-----	744655	189157	555497
MARYLAND-----	2619567	326167	2293400
NORTHEAST-----	5866157	1974691	3891466
MICHIGAN-----	101090	65936	35154
WISCONSIN-----	318823	115668	203155
MINNESOTA-----	574105	390790	183315
LAKE STATES-----	994018	572394	421624
OHIO-----	392627	237690	154937
INDIANA-----	597891	458889	138912
ILLINOIS-----	308843	217203	91640
IOWA-----	193767	120602	73165
MISSOURI-----	582164	76605	311559
CGRN BELT-----	1675202	1104990	770212
NORTH DAKOTA-----	18093	3107	14986
SOUTH DAKOTA-----	31852	23271	8181
NEBRASKA-----	107943	51682	56361
KANSAS-----	81670	60014	21656
NORTHERN PLAINS-----	238657	137474	101184
VIRGINIA-----	504056	132131	371926
WEST VIRGINIA-----	1918	1918	0
NORTH CAROLINA-----	1674734	496608	1184126
KENTUCKY-----	140756	73118	67637
TENNESSEE-----	894746	478240	416506
APPALACHIAN-----	3216211	1176015	2040196
SOUTH CAROLINA-----	205133	185260	19873
GEORGIA-----	2874059	976047	1904012
FLORIDA-----	1086920	718355	368566
ALABAMA-----	1110745	390337	720407
SOUTHEAST-----	5276857	2263999	3012858
MISSISSIPPI-----	1231508	633640	598468
ARKANSAS-----	2949968	1365701	1580267
LOUISIANA-----	328057	124810	203247
DELTA STATES-----	4809533	2127350	2381982
OKLAHOMA-----	368531	231648	133883
TEXAS-----	1698720	574697	1124023
SOUTHERN PLAINS-----	2064291	806344	1257906
MONTANA-----	12292	7593	4699
IDAHO-----	13333	8464	5069
WYOMING-----	1339	364	675
COLORADO-----	110754	31913	78841
NEW MEXICO-----	0	0	0
ARIZONA-----	69173	51903	17270
UTAH-----	162927	155702	7225
NEVADA-----	53979	27368	26611
MOUNTAIN-----	423597	283308	140389
WASHINGTON-----	228628	118519	110108
OREGON-----	145769	102357	43412
CALIFORNIA-----	3065519	1928194	1137125
PACIFIC-----	3439715	2149070	1290645
47 STATES-----	27904297	12595834	15308463

APPENDIX TABLE 30--RUMINANT PRIMARY FEED PRODUCTION: QUANTITY BY FORM, BY STATE AND REGION, 1975

STATE AND REGION	PRIMARY PRODUCTION	FORM				
		MEAL	PELLETS & CRUMBLES	CUBES	BLOCKS	LIQUID
TONS						
MAINE-----	66213	46213	20000	0	0	0
NEW HAMPSHIRE-----	111850	34455	77395	0	0	0
VERMONT-----	616575	392229	224347	0	0	0
MASSACHUSETTS-----	105746	21981	83844	0	0	0
CONNECTICUT-----	50705	9557	41148	0	0	0
NEW YORK-----	1284083	65941	623608	0	0	535
NEW JERSEY-----	18330	18330	0	0	0	0
PENNSYLVANIA-----	906060	542711	346713	0	0	16636
DELAWARE-----	57087	20041	17046	0	0	0
MARYLAND-----	109244	40282	67962	0	0	0
NORTHEAST-----	3504892	1785659	1502063	0	0	17170
MICHIGAN-----	179450	69667	107923	1861	0	0
WISCONSIN-----	957974	618469	137762	1539	100	105
MINNESOTA-----	432293	168960	246614	3552	1649	12518
LAKE STATES-----	1569718	1057095	492298	6952	1749	11623
OHIO-----	925110	733457	185120	2850	2221	1462
INDIANA-----	455410	310637	143794	86	386	507
ILLINOIS-----	459476	155279	245698	16698	2516	39285
IOWA-----	683927	277303	502801	19208	24479	60136
MISSOURI-----	647662	286115	313011	9896	23816	14824
CORN BELT-----	3571585	1762791	1390423	48758	53418	116214
NORTH DAKOTA-----	54518	13290	26629	6283	1234	5082
SOUTH DAKOTA-----	175161	29775	63758	36390	10176	35082
NEBRASKA-----	983378	211870	489500	120731	17102	144176
KANSAS-----	1571944	1226694	258049	66107	7282	13813
NORTHERN PLAINS-----	2785001	1481629	837936	231510	35793	198134
VIRGINIA-----	284152	189362	94778	0	0	12
WEST VIRGINIA-----	17992	8192	9800	0	0	0
NORTH CAROLINA-----	260506	77133	181006	1727	640	0
KENTUCKY-----	278794	105049	127479	0	4909	41356
TENNESSEE-----	867634	247498	579695	13728	20589	6125
APPALACHIAN-----	1709078	627234	992758	15455	26138	47493
SOUTH CAROLINA-----	48695	13880	34326	489	0	0
GEORGIA-----	415865	232989	156715	13836	7163	5563
FLORIDA-----	1056851	81971	236142	0	4910	2828
ALABAMA-----	259797	171072	61940	15142	0	11644
SOUTHEAST-----	1783208	1232911	489123	29066	12073	20035
MISSISSIPPI-----	341147	118400	197458	17509	1914	5881
ARKANSAS-----	296033	114221	151430	23580	0	7052
LOUISIANA-----	555017	105341	239974	9702	0	0
DELTA STATES-----	992196	337962	588662	50592	1914	12867
OKLAHOMA-----	1427785	847003	351233	207473	17029	5047
TEXAS-----	5392549	3596329	1417832	299361	65225	13802
SOUTHERN PLAINS-----	6820535	4443332	1769066	506834	82254	18849
MONTANA-----	200477	103987	44152	37520	8818	0
IDAHO-----	336217	83118	62201	2908	664	187326
WYOMING-----	31009	14750	10859	5400	0	0
COLORADO-----	1549973	1367651	167503	9916	4903	0
NEW MEXICO-----	315126	231754	53942	24369	5060	0
ARIZONA-----	1180155	1052667	115200	6058	6235	0
UTAH-----	99406	35226	57130	0	7050	0
NEVADA-----	177336	151515	19751	6071	0	0
MOUNTAIN-----	3889699	3046668	530758	92242	32725	187326
WASHINGTON-----	770403	329846	390552	47970	0	2036
OREGON-----	192283	82374	109909	0	0	0
CALIFORNIA-----	4238184	3247682	975196	3300	3136	8870
PACIFIC-----	5260570	3659902	1475657	51270	3136	10905
47 STATES-----	31426582	19435183	10068923	1032659	249201	640616

APPENDIX TABLE 31.--SWINE PRIMARY FEED PRODUCTION: QUANTITY BY FORM, BY STATE AND REGION, 1975

STATE AND REGION	PRIMARY PRODUCTION	MEAL	FORM	PELLETS & CRUMBLES
TONS				
MAINE-----	4000	9000		0
NEW HAMPSHIRE-----	7582	5542	2040	
VERMONT-----	21018	8834	12585	
MASSACHUSETTS-----	5287	1833	3455	
CONNECTICUT-----	639	179	461	
NEW YORK-----	23359	20443	2916	
NEW JERSEY-----	926	183	742	
PENNSYLVANIA-----	134821	79218	64603	
DELAWARE-----	35777	15182	20595	
MARYLAND-----	18934	11859	7375	
NORTHEAST-----	252343	157572	114771	
MICHIGAN-----	85790	66723	19067	
WISCONSIN-----	392475	286926	55549	
MINNESOTA-----	465830	295435	168395	
LAKE STATES-----	892095	649084	243021	
OHIO-----	797294	691321	105973	
INDIANA-----	790272	598192	192081	
ILLINOIS-----	869093	446286	422807	
IOWA-----	1857656	1202920	654736	
MISSOURI-----	481330	157537	323793	
CORN BELT-----	4795645	3096256	1699390	
NORTH DAKOTA-----	65532	11998	53534	
SOUTH DAKOTA-----	172486	87138	85348	
NEBRASKA-----	717239	453518	263722	
KANSAS-----	319615	233915	85706	
NORTHERN PLAINS-----	1274872	786568	488304	
VIRGINIA-----	95243	62275	32968	
WEST VIRGINIA-----	1266	1266	0	
NORTH CAROLINA-----	446320	281533	164786	
KENTUCKY-----	113167	66259	46908	
TENNESSEE-----	259969	96552	163417	
APPALACHIAN-----	915964	507885	408079	
SOUTH CAROLINA-----	34019	19542	14477	
GEORGIA-----	468907	327325	141582	
FLORIDA-----	28590	26654	1936	
ALABAMA-----	183080	47303	135777	
SOUTHEAST-----	714597	420824	293773	
MISSISSIPPI-----	71396	44848	26547	
ARKANSAS-----	41064	8870	32193	
LOUISIANA-----	24098	7878	16219	
DELTA STATES-----	136557	61597	74960	
OKLAHOMA-----	144240	42000	102240	
TEXAS-----	355866	171996	183870	
SOUTHERN PLAINS-----	500105	213996	286109	
MONTANA-----	34408	12970	21439	
IDAHO-----	9514	2198	7316	
WYOMING-----	2368	268	2100	
COLORADO-----	100699	87369	13329	
NEW MEXICO-----	19547	17872	1675	
ARIZONA-----	17998	1073	16925	
UTAH-----	8605	4977	3628	
NEVADA-----	22278	17686	4592	
MOUNTAIN-----	215417	144412	71005	
WASHINGTON-----	30716	11229	19487	
OREGON-----	24860	12467	12393	
CALIFORNIA-----	68633	30770	37863	
PACIFIC-----	124209	54466	69745	
47 STATES-----	9821805	6072661	3749144	

APPENDIX TABLE 32.--ALL OTHER PRIMARY FEED PRODUCTION: QUANTITY BY FORM, BY STATE AND REGION, 1975

STATE AND REGION	PRIMARY PRODUCTION	FORM				BLOCKS	LIQUID
		MEAL	PELLETS & CRUMBLERS	CUBES	- TONS -		
MAINE-----	1333	0	1333	0	0	0	0
NEW HAMPSHIRE	11170	5903	5267	0	0	0	0
VERMONT-----	106761	39216	12545	0	0	0	0
MASSACHUSETTS	23075	14028	9048	0	0	0	0
CONNECTICUT-----	3651	2580	1071	0	0	0	0
NEW YORK-----	118041	59171	58788	81	0	0	0
NEW JERSEY-----	145832	62432	81400	0	0	0	0
PENNSYLVANIA-----	263013	132037	130976	0	0	0	0
DELAWARE-----	6441	6136	305	0	0	0	0
MARYLAND-----	47746	34510	13236	0	0	0	0
NORTHEAST-----	725063	411014	313968	81	0	0	0
MICHIGAN-----	26995	12962	14033	0	0	0	0
WISCONSIN-----	82957	53543	28004	1370	41	0	0
MINNESOTA-----	121269	79500	30513	975	0	0	10281
LAKE STATES-----	231221	146005	72550	2344	41	0	10281
OHIO-----	120443	80651	36800	2745	246	0	0
INDIANA-----	220574	129445	73907	16010	1211	0	0
ILLINOIS-----	575929	310036	61603	290	0	0	0
IOWA-----	114232	88157	23962	670	1443	0	0
MISSOURI-----	321581	139072	181983	93	124	0	309
CORN BELT-----	1156758	755362	378256	19808	3024	0	309
NORTH DAKOTA-----	24969	3160	21783	0	26	0	0
SOUTH DAKOTA-----	66895	34118	31367	831	578	0	0
NEBRASKA-----	64807	19889	43862	479	578	0	0
KANSAS-----	28310	16148	11610	376	176	0	0
NORTHERN PLAINS-----	184980	73315	108621	1686	1368	0	0
VIRGINIA-----	117824	107070	10755	0	0	0	0
WEST VIRGINIA-----	1346	1346	0	0	0	0	0
NORTH CAROLINA-----	109945	64655	44984	256	56	0	0
KENTUCKY-----	25783	18829	10814	47	92	0	0
TENNESSEE-----	180122	114184	65887	0	51	0	0
APPALACHIAN-----	439019	306084	132440	303	193	0	0
SOUTH CAROLINA-----	3399	3214	185	0	0	0	0
GEORGIA-----	97447	66126	31321	3	0	0	0
FLORIDA-----	294525	103718	60807	0	0	0	0
ALABAMA-----	212840	148778	67184	4879	0	0	0
SOUTHEAST-----	558219	393836	159496	4881	0	0	0
MISSISSIPPI-----	70099	28319	41780	0	0	0	0
ARKANSAS-----	50725	37957	12769	0	0	0	0
LOUISIANA-----	57370	31056	26314	0	0	0	0
DELTA STATES-----	178194	97331	80863	0	0	0	0
OKLAHOMA-----	162853	102850	44628	15374	0	0	0
TEXAS-----	640501	307906	115292	13023	4076	0	204
SOUTHERN PLAINS-----	603354	410756	159921	28397	4076	0	204
MONTANA-----	15526	3722	11650	63	92	0	0
IDAHO-----	26654	8648	17403	643	0	0	0
WYOMING-----	2873	273	3600	0	0	0	0
COLORADO-----	24864	9588	15275	0	0	0	0
NEW MEXICO-----	20871	3948	16923	0	0	0	0
ARIZONA-----	48134	18974	29160	0	0	0	0
UTAH-----	35963	23344	12556	0	63	0	0
NEVADA-----	92069	67172	24897	0	0	0	0
mountain-----	266994	135668	130463	706	155	0	0
WASHINGTON-----	41212	28825	6519	5847	22	0	0
OREGON-----	17349	3618	13685	0	47	0	0
CALIFORNIA-----	217537	107836	109419	282	0	0	0
PACIFIC-----	276099	140278	129623	6129	69	0	0
47 STATES-----	4619897	286950	1666203	64537	8914	0	10794

APPENDIX TABLE 33.--ALL FORMULA FEED: NUMBER OF FEED MANUFACTURING ESTABLISHMENTS, BY METHOD OF DISPOSITION,  
BY STATE AND REGION, 1975

STATE AND REGION	WHOLESALE	RETAIL	CUSTOM FEEDING	FEEDING OWN ANIMALS	CUSTOM GRINDING AND MIXING	TOTAL 1/
NUMBER						
MAINE-----	2/	2/	0	9	0	12
NEW HAMPSHIRE-----	5	5	0	0	0	7
VERMONT-----	7	3	0	0	0	2/
MASSACHUSETTS-----	5	11	0	0	6	13
CONNECTICUT-----	2/	2/	0	0	0	2/
NEW YORK-----	55	161	2/	6	185	225
NEW JERSEY-----	4	7	0	10	5	19
PENNSYLVANIA-----	61	192	10	26	163	245
DELAWARE-----	2/	4	0	6	7	17
MARYLAND-----	7	30	2/	18	47	62
NORTHEAST-----	149	440	17	75	333	611
MICHIGAN-----	26	106	2/	13	81	147
WISCONSIN-----	33	309	22	16	326	415
MINNESOTA-----	56	146	2/	35	221	308
LAKE STATES-----	118	581	42	64	629	870
OHIO-----	40	151	18	26	262	335
INDIANA-----	39	230	24	63	267	371
ILLINOIS-----	58	183	16	56	273	372
IOWA-----	89	378	22	48	346	581
MISSOURI-----	51	137	11	23	154	241
CORN BELT-----	277	1079	86	217	1305	1900
NORTH DAKOTA-----	16	23	0	0	46	56
SOUTH DAKOTA-----	12	66	8	19	83	113
NEBRASKA-----	49	153	12	35	129	266
KANSAS-----	33	238	44	43	259	438
NORTHERN PLAINS-----	109	479	64	97	516	873
VIRGINIA-----	19	64	2/	12	50	87
WEST VIRGINIA-----	2/	4	0	0	8	12
NORTH CAROLINA-----	34	101	6	74	123	184
KENTUCKY-----	2/	59	2/	14	87	113
TENNESSEE-----	30	51	7	26	36	86
APPALACHIAN-----	99	279	15	125	305	482
SOUTH CAROLINA-----	6	52	0	9	20	49
GEORGIA-----	55	75	5	80	69	157
FLORIDA-----	32	38	4	35	10	86
ALABAMA-----	19	67	4	39	45	99
SOUTHEAST-----	112	211	13	163	144	391
MISSISSIPPI-----	20	47	11	34	22	77
ARKANSAS-----	19	36	2/	50	18	83
LOUISIANA-----	21	25	2/	11	12	36
DELTA STATES-----	59	108	17	96	52	196
OKLAHOMA-----	28	63	19	23	37	115
TEXAS-----	80	205	67	125	141	358
SOUTHERN PLAINS-----	109	268	86	148	178	473
MONTANA-----	17	46	7	10	29	57
IDAHO-----	20	46	8	20	36	76
WYOMING-----	4	11	4	2/	2/	12
COLORADO-----	13	31	17	28	18	64
NEW MEXICO-----	5	14	15	16	5	27
ARIZONA-----	9	12	10	14	2/	24
UTAH-----	8	30	2/	7	20	37
NEVADA-----	0	4	2/	2/	0	7
MOUNTAIN-----	74	192	66	99	116	304
WASHINGTON-----	21	25	2/	2/	16	45
OREGON-----	21	29	2/	2/	17	43
CALIFORNIA-----	52	86	36	55	35	151
PACIFIC-----	94	141	47	69	67	239
47 STATES-----	1199	3778	454	1153	3646	6340

1/ SUMS OF NUMBERS OF ESTABLISHMENTS ARE GREATER THAN SHOWN IN THE TOTALS, BECAUSE MANY ESTABLISHMENTS USE MORE THAN ONE METHOD OF DISPOSITION.

2/ DATA NOT GIVEN TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

APPENDIX TABLE 34.--ALL FORMULA FEED: PRODUCTION, BY METHOD OF DISPOSITION, BY STATE AND REGION, 1975

STATE AND REGION	WHOLESALE	Retail	CUSTOM FEEDING	FEEDING OWN ANIMALS	CUSTOM GRINDING AND MIXING	TOTAL
TONS--						
MAINE-----	1/	1/	0	670727	0	746859
NEW HAMPSHIRE-----	87130	92487	0	0	0	175617
VERMONT-----	812185	31548	0	0	0	1/
MASSACHUSETTS-----	1/	1/	0	0	3577	321639
CONNECTICUT-----	1/	1/	0	0	0	1/
NEW YORK-----	703706	1118293	1/	72750	1/	2447799
NEW JERSEY-----	267850	101244	0	15383	18163	402640
PENNSYLVANIA-----	969419	1108538	14955	300223	605841	2994958
DELAWARE-----	1/	115174	0	661445	1/	839388
MARYLAND-----	138995	156872	1/	2601123	1/	3025580
NORTHEAST-----	5213565	3014293	23794	4321651	1318990	11892292
MICHIGAN-----	294226	393477	1/	1/	338274	1058456
WISCONSIN-----	954962	1269250	30019	107398	4799864	6611493
MINNESOTA-----	849247	609307	1/	1/	919902	2718437
LAKE STATES-----	1598435	2263035	71646	447250	6008041	10388387
OHIO-----	722820	705049	81928	155594	2114061	3779452
INDIANA-----	884947	1355530	31680	129510	1095409	3497076
ILLINOIS-----	1664234	577984	34756	167754	1111756	3556485
IOWA-----	1963987	1931169	80449	86796	1777108	5843104
MISSOURI-----	1151450	598957	76306	234292	556713	2617718
CORN BELT-----	6387438	5168690	308714	773946	6655047	19293855
NORTH DAKOTA-----	109216	54214	0	0	98454	261883
SOUTH DAKOTA-----	364000	1516139	24653	46500	415054	1026447
NEBRASKA-----	1114528	965232	314929	292213	549682	3238584
KANSAS-----	552932	679227	2367878	783130	760882	5064449
NORTHERN PLAINS-----	2140676	1650312	2709460	1041844	1824872	9567163
VIRGINIA-----	235646	557786	1/	295579	1/	1191046
WEST VIRGINIA-----	1/	34698	0	0	1/	47378
NORTH CAROLINA-----	928161	257531	235	1501323	447424	3134673
KENTUCKY-----	1/	116936	1/	37814	242731	838655
TENNESSEE-----	1372852	212853	1713	641668	86291	2315367
APPALACHIAN-----	2981651	1179804	2872	2476384	886408	7527119
SOUTH CAROLINA-----	46882	57414	0	201648	36329	345273
GEORGIA-----	1167530	746144	5714	2404285	166655	4490329
FLORIDA-----	584888	515942	77069	936903	426783	2541586
ALABAMA-----	781689	321077	9747	924739	73382	2110633
SOUTHEAST-----	2580988	1640577	92530	4470575	703150	9487821
MISSISSIPPI-----	415310	110770	16775	1206239	47807	1796901
ARKANSAS-----	447837	201751	1/	2814277	1/	3573818
LOUISIANA-----	396796	74823	1/	284936	1/	775138
DELTA STATES-----	1255943	387345	91296	4305453	101821	6145857
OKLAHOMA-----	966039	433558	958332	381809	82352	2822090
TEXAS-----	2048896	1956921	2863915	2371945	454152	9695829
SOUTHERN PLAINS-----	3014935	2390479	3622247	2753754	536504	12517919
MONTANA-----	55024	119705	18833	57742	61072	312376
IDAHO-----	132330	357699	29438	590091	63929	1173487
WYOMING-----	5558	52031	8650	1/	1/	74402
COLORADO-----	369696	872496	574795	1917594	72055	3806634
NEW MEXICO-----	38043	974481	159136	63854	5770	362285
ARIZONA-----	65065	247858	518715	1/	1/	1400427
UTAH-----	41601	304052	1/	1/	173404	551053
NEVADA-----	0	285884	1/	1/	0	345662
MOUNTAIN-----	727317	2337204	1346952	3234604	380249	8026326
WASHINGTON-----	225234	619526	1/	1/	59345	1155586
OREGON-----	49046	292927	1/	1/	21192	442806
CALIFORNIA-----	1047318	3553707	847593	2525648	111305	8085571
PACIFIC-----	1321598	4466160	1071636	2632727	191032	9683963
47 STATES-----	25226546	24697897	9541146	26458168	18606924	104530681

1/ DATA NOT GIVEN TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

APPENDIX TABLE 35.--DRY FORMULA FEEDS: NUMBER OF FEED MANUFACTURING ESTABLISHMENTS, BY METHOD OF DISPOSITION,  
BY STATE AND REGION, 1975

STATE AND REGION	WHOLESALE	RETAIL	CUSTOM FEEDING	FEEDING OWN ANIMALS	CUSTOM GRINDING AND MIXING	TOTAL 1/
NUMBER						
MAINE-----	2/	2/	0	9	0	12
NEW HAMPSHIRE-----	5	5	0	0	0	7
VERMONT-----	7	3	0	0	0	9
MASSACHUSETTS-----	5	11	0	0	6	13
CONNECTICUT-----	2/	2/	0	0	0	3
NEW YORK-----	55	181	2/	6	105	225
NEW JERSEY-----	4	9	0	10	5	19
PENNSYLVANIA-----	61	192	10	26	162	245
DELAWARE-----	2/	4	0	6	7	17
MARYLAND-----	2/	29	2/	18	47	62
NORTHEAST-----	149	439	17	75	332	611
MICHIGAN-----	26	206	2/	2/	81	147
WISCONSIN-----	33	386	22	16	326	415
MINNESOTA-----	57	163	2/	27	221	307
LAKE STATES-----	116	576	42	64	629	869
OHIO-----	40	151	18	26	262	335
INDIANA-----	39	236	23	63	267	371
ILLINOIS-----	55	183	10	56	273	371
IDAHO-----	69	377	22	48	348	581
MISSOURI-----	51	137	11	23	154	241
CORN BELT-----	274	1078	85	217	1305	1898
NORTH DAKOTA-----	16	23	0	0	46	56
SOUTH DAKOTA-----	12	64	8	19	83	113
NEBRASKA-----	47	149	11	35	129	263
KANSAS-----	33	235	44	43	259	438
NORTHERN PLAINS-----	107	472	63	97	516	870
VIRGINIA-----	19	2/	2/	12	50	87
WEST VIRGINIA-----	2/	2/	0	0	8	12
NORTH CAROLINA-----	34	181	6	74	123	184
KENTUCKY-----	2/	59	2/	14	87	113
TENNESSEE-----	30	91	7	26	36	86
APPALACHIAN-----	99	279	15	125	305	482
SOUTH CAROLINA-----	6	32	0	9	20	49
GEORGIA-----	54	74	5	80	69	156
FLORIDA-----	32	38	2/	35	1/	86
ALABAMA-----	19	58	2/	39	2/	99
SOUTHEAST-----	111	201	12	163	144	390
MISSISSIPPI-----	18	47	11	34	22	77
ARKANSAS-----	19	36	2/	50	2/	83
LOUISIANA-----	21	25	2/	11	2/	36
DELTA STATES-----	58	108	17	96	52	196
OKLAHOMA-----	28	63	19	23	37	115
TEXAS-----	79	205	67	125	141	358
SOUTHERN PLAINS-----	107	268	86	148	178	473
MONTANA-----	17	46	7	10	29	57
IDAHO-----	16	40	8	20	31	66
WYOMING-----	4	11	2/	2/	7	12
COLORADO-----	13	31	17	28	18	64
NEW MEXICO-----	2/	14	15	16	2/	27
ARIZONA-----	2/	12	10	14	2/	24
UTAH-----	8	30	2/	7	20	37
NEVADA-----	0	4	2/	2/	0	7
MOUNTAIN-----	70	186	66	99	112	294
WASHINGTON-----	21	25	2/	2/	16	45
OREGON-----	21	29	2/	2/	17	43
CALIFORNIA-----	52	86	36	55	35	151
PACIFIC-----	94	141	47	69	67	239
47 STATES-----	1186	3747	450	1153	3641	6323

1/ SUMS OF NUMBERS OF ESTABLISHMENTS ARE GREATER THAN SHOWN IN THE TOTALS, BECAUSE MANY ESTABLISHMENTS USE MORE THAN ONE METHOD OF DISPOSITION.

2/ DATA NOT GIVEN TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

APPENDIX TABLE 36A--DRY FORMULA FEED: PRODUCTION, BY METHOD OF DISPOSITION, BY STATE AND REGION, 1975

STATE AND REGION	WHOLESALE	RETAIL	CUSTOM FEEDING	FEEDING OWN ANIMALS	CUSTOM GRINDING AND MIXING	TOTAL
TONS-						
MAINE-----	1/	1/	0	670727	0	748859
NEW HAMPSHIRE-----	87130	92487	0	0	0	179617
VERMONT-----	812285	31548	0	0	0	843733
MASSACHUSETTS-----	96310	221952	0	0	3577	321638
CONNECTICUT-----	1/	1/	0	0	0	88082
NEW YORK-----	703708	1115462	1/	72750	1/	244277
NEW JERSEY-----	267850	101244	0	15833	18163	402640
PENNSYLVANIA-----	952700	1103141	14935	300223	605180	2976179
DELAWARE-----	1/	115174	0	661445	18829	839388
MARYLAND-----	138995	155795	1/	2601123	1/	3024504
NORTHEAST-----	3196845	3008988	23794	4321651	1317637	11868915
MICHIGAN-----	299226	388514	1/	1/	338103	1053322
WISCONSIN-----	446734	1261812	29892	107398	4742470	6588306
MINNESOTA-----	831921	591961	1/	1/	918097	2690723
THE STATES-----	1572871	2242287	71520	447002	5998671	10332351
OHIO-----	721976	517192	61928	155594	2113482	3590172
INDIANA-----	873337	1352787	51366	129103	1094945	3818139
ILLINOIS-----	1626704	576229	34756	167754	1111756	3517200
LOUISIANA-----	1896564	1904761	88044	86796	1774999	8747185
MISSOURI-----	1142803	591811	76121	234292	556713	2601740
CORN BELT-----	8261385	4942801	308215	773540	6651894	18937836
NORTH DAKOTA-----	95790	54214	0	0	98456	248457
SOUTH DAKOTA-----	332470	143911	24653	46500	414805	962339
NEBRASKA-----	1072236	795513	313650	292213	549096	3022709
KANSAS-----	541754	674751	2367878	703130	758899	5046402
NORTHERN PLAINS-----	2042250	1668369	2706181	1041844	1821244	9279908
VIRGINIA-----	235646	557675	1/	295579	1/	1190784
WEST VIRGINIA-----	1/	34698	0	0	1/	47378
NORTH CAROLINA-----	928129	256699	238	1501323	446912	3333298
KENTUCKY-----	1/	116277	1/	37814	242254	800004
TENNESSEE-----	1366920	212075	1713	641668	86291	2308666
APPALACHIAN-----	2938182	1177424	2872	2476384	885268	7480130
SOUTH CAROLINA-----	46882	56681	0	204648	36329	344539
GEORGIA-----	1144872	742953	5714	2404222	164550	4482311
FLORIDA-----	582059	499276	1/	936903	1/	2522091
ALABAMA-----	771232	306991	1/	924739	1/	2085611
SOUTHEAST-----	2565046	1605901	92196	4470511	700898	9434552
MISSISSIPPI-----	411463	107283	16775	1206239	47166	1788927
ARKANSAS-----	440826	201619	1/	2814277	1/	3566674
LOUISIANA-----	396796	74823	1/	284936	1/	775138
DELTA STATES-----	1249085	383725	91296	4305453	101180	6130739
OKLAHOMA-----	962461	433233	958332	381809	81713	2817549
TEXAS-----	2023118	1954204	2861153	2371945	454152	9664571
SOUTHERN PLAINS-----	2985579	2387437	3819484	2753754	535865	12482120
MONTANA-----	55024	119705	18833	57742	61072	312376
IDAHO-----	88997	213158	29458	590091	62399	984083
WYOMING-----	5558	49601	8650	1/	1/	71972
COLORADO-----	369102	871730	574795	1917594	72055	3805366
NEW MEXICO-----	1/	97481	159136	63854	1/	562285
ARIZONA-----	1/	247858	518715	547932	1/	1400427
UTAH-----	41601	300677	1/	24625	173404	547678
NEVADA-----	0	285884	1/	1/	0	345662
MOUNTAIN-----	683480	2186093	1346952	3234604	378720	7829848
WASHINGTON-----	225234	617490	1/	1/	59345	1153550
OREGON-----	49046	292598	1/	1/	21192	442476
CALIFORNIA-----	1047318	3546623	847593	2523248	111305	8076087
PACIFIC-----	1321598	4456711	1071636	2630327	191842	9672113
47 STATES-----	24816321	24059756	9534145	26455070	18583220	103448512

1/ DATA NOT GIVEN TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

APPENDIX TABLE 37.--LIQUID FORMULA FEED: PRODUCTION, BY METHOD OF DISPOSITION, BY STATE AND REGION, 1975

STATE AND REGION	WHOLESALE	RETAIL	CUSTOM FEEDING	FEEDING OWN ANIMALS	CUSTOM GRINDING AND KIBLING	TOTAL
TONS--						
MAINE-----	0	0	0	0	0	0
NEW HAMPSHIRE-----	0	0	0	0	0	0
VERMONT-----	0	0	0	0	0	0
MASSACHUSETTS-----	0	0	0	0	0	0
CONNECTICUT-----	0	0	0	0	0	0
NEW YORK-----	0	2830	0	0	691	3522
NEW JERSEY-----	0	0	0	0	0	0
PENNSYLVANIA-----	16719	1597	0	0	662	18778
DELAWARE-----	0	0	0	0	0	0
MARYLAND-----	0	1077	0	0	0	1077
NORTHEAST-----	16719	5304	0	0	1353	23377
MICHIGAN-----	0	4963	0	0	171	5134
WISCONSIN-----	8228	7439	127	0	7394	23187
MINNESOTA-----	17336	8346	0	228	1805	27715
LAKE STATES-----	25564	20740	127	228	9370	56036
OHIO-----	844	167857	0	0	579	189280
INDIANA-----	11610	2743	314	406	465	15537
ILLINOIS-----	37530	1755	0	0	0	39285
LOUISIANA-----	67422	26387	0	0	2109	95919
MISSOURI-----	8647	7216	185	0	0	15978
CORN BELT-----	126053	225888	499	406	3153	355999
NORTH DAKOTA-----	13426	0	0	0	0	13426
SOUTH DAKOTA-----	31530	7728	0	0	1049	40507
NEBRASKA-----	42292	169719	3279	0	585	215875
KANSAS-----	11178	4476	0	0	1993	17647
NORTHERN PLAINS-----	98426	181923	3279	0	3628	287255
VIRGINIA-----	0	111	0	0	151	262
WEST VIRGINIA-----	0	0	0	0	0	0
NORTH CAROLINA-----	32	832	0	0	512	1375
KENTUCKY-----	37515	659	0	0	477	38650
TENNESSEE-----	5923	778	0	0	0	6701
APPALACHIAN-----	43470	2379	0	0	1140	46988
SOUTH CAROLINA-----	0	733	0	0	0	733
GEORGIA-----	2658	3191	0	64	2106	8018
FLORIDA-----	2428	16667	0	0	0	19495
ALABAMA-----	10457	14086	335	0	145	25022
SOUTHEAST-----	15943	34676	335	64	2251	53269
MISSISSIPPI-----	3886	3487	0	0	641	7974
ARKANSAS-----	7011	133	0	0	0	7144
LOUISIANA-----	0	0	0	0	0	0
DELTA STATES-----	10857	3620	0	0	641	15118
OKLAHOMA-----	3578	325	0	0	639	4541
TEXAS-----	25778	2718	2762	0	0	31258
SOUTHERN PLAINS-----	29356	3042	2762	0	639	35800
MONTANA-----	0	0	0	0	0	0
IDAHO-----	43333	144541	0	0	1530	189404
WYOMING-----	0	2430	0	0	0	2430
COLORADO-----	504	764	0	0	0	1268
NEW MEXICO-----	0	0	0	0	0	0
ARIZONA-----	0	0	0	0	0	0
UTAH-----	0	3375	0	0	0	3375
NEVADA-----	0	0	0	0	0	0
MOUNTAIN-----	43837	151111	0	0	1530	196478
WASHINGTON-----	0	2036	0	0	0	2036
OREGON-----	0	330	0	0	0	330
CALIFORNIA-----	0	7084	0	2400	0	9484
PACIFIC-----	0	9449	0	2400	0	11849
47 STATES-----	410225	636140	7001	3098	23704	1082169

## APPENDIX TABLE 38.--DISTRIBUTION: FORMULA FEED, BY METHOD, OWNERSHIP, AND SIZE INTERVAL, NORTHEAST REGION, 1975

OWNERSHIP AND SIZE INTERVAL	WHOLESALE		RETAIL		CUSTOM FEEDING		OWN LIVESTOCK		CUSTOM GRIND AND MIX		TOTAL	
	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS
-NUMBER-												
<b>CORPORATIONS:</b>												
UP TO 999 TONS----	1	12	10	3073	0	0	1	968	12	5568	19	9621
1,000-9,999 TONS--	29	25977	115	399027	5	7901	13	18905	73	182822	145	634632
10,000-24,999 TONS--	24	69663	37	388963	1	1510	4	36446	15	103218	41	599801
25,000-49,999 TONS--	18	296869	21	423986	4	11784	7	131156	10	79008	29	942803
50,000 TONS AND UP--	12	912860	14	633580	0	0	23	2663027	6	133640	37	4315105
<b>TOTAL-----</b>	<b>84</b>	<b>1305382</b>	<b>197</b>	<b>1848630</b>	<b>10</b>	<b>21194</b>	<b>48</b>	<b>7422501</b>	<b>116</b>	<b>504256</b>	<b>270</b>	<b>6501963</b>
<b>PARTNERSHIP:</b>												
UP TO 999 TONS----	0	0	4	2792	0	0	0	0	4	547	4	3338
1,000-9,999 TONS--	4	10549	30	104817	1	242	3	212	12	40167	33	155987
10,000-24,999 TONS--	4	1582	7	33452	0	0	0	0	5	50136	7	85170
25,000-49,999 TONS--	0	0	0	0	0	0	0	0	0	0	0	0
50,000 TONS AND UP--	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL-----</b>	<b>8</b>	<b>12131</b>	<b>41</b>	<b>141060</b>	<b>1</b>	<b>242</b>	<b>3</b>	<b>212</b>	<b>22</b>	<b>90850</b>	<b>44</b>	<b>244496</b>
<b>SINGLE OWNER:</b>												
UP TO 999 TONS----	0	0	15	3911	3	1080	3	1633	14	2773	19	9397
1,000-9,999 TONS--	3	5625	59	174958	1	19	10	9489	64	178589	87	368680
10,000-24,999 TONS--	3	25341	7	22011	0	0	1	22383	5	47071	8	116805
25,000-49,999 TONS--	2	95071	1	1364	0	0	0	0	0	0	2	96435
50,000 TONS AND UP--	1	72345	0	0	0	0	4	1448424	1	162237	5	1683007
<b>TOTAL-----</b>	<b>9</b>	<b>198382</b>	<b>82</b>	<b>202243</b>	<b>4</b>	<b>1099</b>	<b>17</b>	<b>1481929</b>	<b>84</b>	<b>390671</b>	<b>121</b>	<b>2274324</b>
<b>COOPERATIVE:</b>												
UP TO 999 TONS----	0	0	17	6778	0	0	0	0	15	8621	25	15399
1,000-9,999 TONS--	9	4377	68	184410	1	1258	0	0	75	214273	97	404318
10,000-24,999 TONS--	6	26281	20	171045	0	0	1	605	16	66663	20	264594
25,000-49,999 TONS--	18	344997	12	302236	0	0	4	3087	5	43656	19	693975
50,000 TONS AND UP--	15	1322015	3	157890	0	0	1	13317	0	0	16	1493223
<b>TOTAL-----</b>	<b>48</b>	<b>1697670</b>	<b>120</b>	<b>822360</b>	<b>1</b>	<b>1258</b>	<b>7</b>	<b>17009</b>	<b>111</b>	<b>333212</b>	<b>177</b>	<b>2871510</b>
<b>TOTAL:</b>												
UP TO 999 TONS----	1	12	46	16553	3	1080	4	2601	44	17509	67	37755
1,000-9,999 TONS--	45	46528	273	863211	9	9420	26	28606	225	615852	362	1563617
10,000-24,999 TONS--	37	122867	71	615471	1	1510	6	59434	41	267089	75	1066370
25,000-49,999 TONS--	38	736937	34	727587	4	11784	11	134243	16	122663	50	1733214
50,000 TONS AND UP--	29	2307220	16	791470	0	0	28	4096768	7	295877	58	7491335
<b>TOTAL-----</b>	<b>149</b>	<b>3213565</b>	<b>440</b>	<b>3014293</b>	<b>17</b>	<b>23794</b>	<b>75</b>	<b>4321651</b>	<b>333</b>	<b>1318990</b>	<b>611</b>	<b>11892292</b>

APPENDIX TABLE 39.--DISTRIBUTION: FORMULA FEED, BY METHOD, OWNERSHIP, AND SIZE INTERVAL, LAKE STATES REGION, 1975

OWNERSHIP AND SIZE INTERVAL	WHOLESALE		RETAIL		CUSTOM FEEDING		OWN LIVESTOCK		CUSTOM GRIND AND MIX		TOTAL	
	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS
-NUMBER-												
<b>CORPORATION:</b>												
UP TO 999 TONS----	0	0	30	8924	3	315	0	0	33	12767	46	22005
1,000-9,999 TONS--	40	108052	135	268484	7	10519	22	51124	138	420254	203	858434
10,000-24,999 TONS--	34	245427	59	322363	5	31665	14	78877	39	358480	76	1036811
25,000-49,999 TONS--	6	164094	8	100445	0	0	6	87258	2	51769	12	403565
50,000 TONS AND UP--	14	894564	11	79811	0	0	4	179253	10	759597	24	1913226
<b>TOTAL-----</b>	<b>94</b>	<b>1412137</b>	<b>244</b>	<b>780027</b>	<b>15</b>	<b>42499</b>	<b>45</b>	<b>396512</b>	<b>223</b>	<b>1602867</b>	<b>361</b>	<b>4234042</b>
<b>PARTNERSHIP:</b>												
UP TO 999 TONS----	3	53	5	1929	0	0	0	0	4	2692	6	4674
1,000-9,999 TONS--	1	46	15	11584	0	0	0	0	19	66267	20	77897
10,000-24,999 TONS--	0	0	6	46609	0	0	4	12201	4	78554	7	137363
25,000-49,999 TONS--	0	0	0	0	0	0	0	0	0	0	0	0
50,000 TONS AND UP--	2	0	0	0	0	0	0	0	3	235816	3	235816
<b>TOTAL-----</b>	<b>4</b>	<b>99</b>	<b>26</b>	<b>60122</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>12201</b>	<b>31</b>	<b>383329</b>	<b>37</b>	<b>455751</b>
<b>SINGLE OWNER:</b>												
UP TO 999 TONS----	0	0	6	1511	3	315	1	937	12	3007	18	5769
1,000-9,999 TONS--	6	59	70	126599	10	5075	7	14000	96	370509	114	516243
10,000-24,999 TONS--	0	0	17	81424	0	0	1	9215	16	173704	20	264343
25,000-49,999 TONS--	0	0	0	0	0	0	0	0	0	0	0	0
50,000 TONS AND UP--	0	0	3	3622	0	0	0	0	3	247727	3	251348
<b>TOTAL-----</b>	<b>6</b>	<b>59</b>	<b>96</b>	<b>213156</b>	<b>13</b>	<b>5390</b>	<b>9</b>	<b>24152</b>	<b>127</b>	<b>794946</b>	<b>154</b>	<b>1037703</b>
<b>COOPERATIVE:</b>												
UP TO 999 TONS----	0	0	21	4026	0	0	0	0	24	10279	32	14305
1,000-9,999 TONS--	4	1556	130	199585	12	18694	3	194	142	487475	186	707504
10,000-24,999 TONS--	5	29283	39	226156	0	0	3	14172	55	660768	67	930378
25,000-49,999 TONS--	4	94222	18	279178	1	5063	0	0	19	384684	23	763145
50,000 TONS AND UP--	1	61080	6	500785	0	0	0	0	9	1683693	10	2245558
<b>TOTAL-----</b>	<b>14</b>	<b>186140</b>	<b>215</b>	<b>1209730</b>	<b>13</b>	<b>23758</b>	<b>6</b>	<b>14365</b>	<b>248</b>	<b>3226899</b>	<b>318</b>	<b>4660892</b>
<b>TOTAL:</b>												
UP TO 999 TONS----	3	53	62	16390	6	630	1	937	73	28744	102	46755
1,000-9,999 TONS--	51	109713	350	606252	29	34288	31	65318	395	1344506	523	2160077
10,000-24,999 TONS--	39	274709	222	676552	5	31665	23	114464	114	1271505	170	2368895
25,000-49,999 TONS--	10	258315	27	379623	1	5063	6	87258	22	436452	35	1166712
50,000 TONS AND UP--	15	95564	21	584218	0	0	4	179253	25	2926833	40	4645948
<b>TOTAL-----</b>	<b>118</b>	<b>1590435</b>	<b>581</b>	<b>2263035</b>	<b>42</b>	<b>71646</b>	<b>64</b>	<b>447230</b>	<b>629</b>	<b>6008041</b>	<b>870</b>	<b>10388387</b>

APPENDIX TABLE 40.--DISTRIBUTION: FORMULA FEEDS, BY METHOD, OWNERSHIP, AND SIZE INTERVAL, CORN BELT REGION, 1975

OWNERSHIP AND SIZE INTERVAL	WHOLESALE		RETAIL		CUSTOM FEEDING		OWN LIVESTOCK		CUSTOM GRIND AND MIX		TOTAL	
	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS
-NUMBER-												
CORPORATION:												
UP TO 999 TONS----	16	4260	55	16579	1	62	15	3687	46	20674	83	45261
1,000-9,999 TONS--	75	178261	363	832173	29	49965	73	122783	431	1176274	596	2359457
10,000-24,999 TONS--	49	59595	102	899668	6	64492	35	194458	89	860005	172	2614618
25,000-49,999 TONS--	34	919635	30	332870	1	5034	16	156250	19	375908	54	1793717
50,000 TONS AND UP--	46	3449225	15	492302	1	65138	6	176016	6	565479	55	4748161
TOTAL-----	220	5147396	566	2573593	39	188691	145	653195	591	2998339	961	11561214
PARTNERSHIP:												
UP TO 999 TONS----	0	0	5	1874	0	0	5	2672	13	5630	17	10175
1,000-9,999 TONS--	1	270	48	104419	8	10002	21	40727	48	128860	79	284279
10,000-24,999 TONS--	1	518	1	29943	0	0	0	0	4	32711	4	63173
25,000-49,999 TONS--	0	0	0	0	0	0	0	0	0	0	0	0
50,000 TONS AND UP--	0	0	1	60655	0	0	0	0	5	941781	5	1002436
TOTAL-----	3	788	55	196892	8	10002	26	43399	70	1108982	105	1360064
SINGLE OWNER:												
UP TO 999 TONS----	7	434	19	4126	5	846	12	1462	57	24111	64	30773
1,000-9,999 TONS--	11	5493	106	188823	12	5914	24	32452	180	455024	212	687707
10,000-24,999 TONS--	0	0	6	55991	1	5162	0	0	10	123314	13	184467
25,000-49,999 TONS--	0	0	1	47250	0	0	1	12293	0	0	1	59543
50,000 TONS AND UP--	1	97200	4	562441	0	0	0	0	0	0	5	659641
TOTAL-----	19	103127	136	858630	17	11723	37	46207	246	602449	297	1622135
COOPERATIVE:												
UP TO 999 TONS----	0	0	42	16971	3	502	0	0	46	14757	63	32230
1,000-9,999 TONS--	18	21535	215	554156	11	4925	6	4553	287	868901	369	1454071
10,000-24,999 TONS--	4	56280	53	496891	5	52747	1	645	53	431073	76	1037545
25,000-49,999 TONS--	5	168133	6	108459	0	0	0	0	5	127624	14	404216
50,000 TONS AND UP--	9	890176	6	363188	2	40125	1	25946	6	502922	16	1822358
TOTAL-----	35	1136126	322	1539575	21	98299	8	31144	397	1945277	538	4750422
TOTAL:												
UP TO 999 TONS----	22	4694	121	39550	8	1210	32	7821	162	65171	228	118445
1,000-9,999 TONS--	105	205559	732	1679571	60	70807	124	200516	946	2629060	1256	4785514
10,000-24,999 TONS--	54	652792	163	1482403	13	122401	36	195103	156	1447102	265	3899802
25,000-49,999 TONS--	39	1087788	38	488579	1	9034	18	168543	24	503532	69	2257477
50,000 TONS AND UP--	56	4436603	26	1478587	4	105263	7	201962	17	2010181	81	8232596
TOTAL-----	277	6387438	1079	5168690	86	308714	217	773946	1305	6655047	1900	19293835

APPENDIX TABLE 41.--DISTRIBUTION: FORMULA FEED, BY METHOD, OWNERSHIP, AND SIZE INTERVAL, NORTHERN PLAINS REGION, 1975

OWNERSHIP AND SIZE INTERVAL	WHOLESALE		RETAIL		CUSTOM FEEDING		OWN LIVESTOCK		CUSTOM GRIND AND MIX		TOTAL	
	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS
- - - - - NUMBER - - - - -												
: : : : : : : : : : : : :												
<b>CORPORATION:</b>												
UP TO 999 TONS----:	0	0	16	7723	1	204	0	0	15	7214	28	15140
1,000-9,999 TONS--:	27	51891	135	299978	7	5781	40	81927	164	428370	259	867948
10,000-24,999 TONS-:	18	136726	31	201264	10	118882	18	182457	19	106290	52	745618
25,000-49,999 TONS-:	23	659973	19	382089	14	435037	3	13958	2	28102	41	1519159
50,000 TONS AND UP-:	11	826106	4	29434	17	1929753	9	594811	1	52184	33	3432287
<b>TOTAL-----:</b>	<b>79</b>	<b>1674695</b>	<b>205</b>	<b>920488</b>	<b>49</b>	<b>2489657</b>	<b>69</b>	<b>873153</b>	<b>201</b>	<b>622159</b>	<b>414</b>	<b>6580151</b>
<b>PARTNERSHIP:</b>												
UP TO 999 TONS----:	0	0	5	1110	0	0	0	0	8	4479	8	5589
1,000-9,999 TONS--:	0	0	22	35379	0	0	11	33331	22	70565	37	139274
10,000-24,999 TONS-:	1	11741	7	28644	0	0	1	13046	4	74769	8	128201
25,000-49,999 TONS-:	0	0	0	0	1	39138	0	0	0	0	1	39138
50,000 TONS AND UP-:	0	0	2	121776	0	0	0	0	0	0	2	121775
<b>TOTAL-----:</b>	<b>1</b>	<b>11741</b>	<b>35</b>	<b>186908</b>	<b>1</b>	<b>39138</b>	<b>12</b>	<b>46377</b>	<b>34</b>	<b>149813</b>	<b>57</b>	<b>433978</b>
<b>SINGLE OWNER:</b>												
UP TO 999 TONS----:	0	0	5	3367	0	0	1	26	21	10858	25	14251
1,000-9,999 TONS--:	0	0	28	41577	4	1246	13	63581	32	70714	50	177118
10,000-24,999 TONS-:	1	15975	1	1995	0	0	0	0	0	0	1	17970
25,000-49,999 TONS-:	0	0	0	0	0	0	1	58707	0	0	1	58707
50,000 TONS AND UP-:	0	0	0	0	2	81184	0	0	0	0	2	81184
<b>TOTAL-----:</b>	<b>1</b>	<b>15975</b>	<b>34</b>	<b>46939</b>	<b>6</b>	<b>82430</b>	<b>16</b>	<b>122314</b>	<b>53</b>	<b>81572</b>	<b>79</b>	<b>349230</b>
<b>COOPERATIVE:</b>												
UP TO 999 TONS----:	0	0	24	8194	0	0	0	0	39	19710	44	27904
1,000-9,999 TONS--:	12	11840	153	428961	1	9132	0	0	161	506604	230	956537
10,000-24,999 TONS-:	8	80577	20	160456	1	28884	0	0	18	193219	31	463135
25,000-49,999 TONS-:	4	141840	5	70099	4	47429	0	0	6	86757	10	346125
50,000 TONS AND UP-:	3	204008	3	28267	1	12791	9	0	4	165038	7	410104
<b>TOTAL-----:</b>	<b>27</b>	<b>438265</b>	<b>205</b>	<b>695977</b>	<b>8</b>	<b>98235</b>	<b>0</b>	<b>0</b>	<b>228</b>	<b>971328</b>	<b>323</b>	<b>2203805</b>
<b>TOTAL:</b>												
UP TO 999 TONS----:	0	0	50	20393	1	204	1	26	84	42261	106	62885
1,000-9,999 TONS--:	39	63731	338	805894	13	16160	64	178839	379	1076252	577	2140877
10,000-24,999 TONS-:	29	245019	60	392359	11	147766	19	195503	41	374277	93	1354924
25,000-49,999 TONS-:	27	801813	23	452188	19	521603	4	72665	8	114859	54	1963129
50,000 TONS AND UP-:	14	1030113	8	179477	20	2023727	9	594811	5	217222	43	4045350
<b>TOTAL-----:</b>	<b>109</b>	<b>2140676</b>	<b>479</b>	<b>1850312</b>	<b>64</b>	<b>2709460</b>	<b>97</b>	<b>1041844</b>	<b>516</b>	<b>1824872</b>	<b>873</b>	<b>9567163</b>

## APPENDIX TABLE 42.--DISTRIBUTION: FORMULA FEED, BY METHOD, OWNERSHIP, AND SIZE INTERVAL, APPALACHIAN REGION, 1975

OWNERSHIP AND SIZE INTERVAL	WHOLESALE		RETAIL		CUSTOM FEEDING		OWN LIVESTOCK		CUSTOM GRIND AND MIX		TOTAL	
	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS
-NUMBER-												
<b>CORPORATION:</b>												
UP TO 999 TONS----:	4	583	10	2580	0	0	6	3264	11	3709	20	10135
1,000-9,999 TONS--:	22	96644	97	182535	3	1369	32	88606	90	229114	132	598268
10,000-24,999 TONS-:	17	118352	28	202500	5	1023	21	212953	15	75493	41	610320
25,000-49,999 TONS-:	8	130435	7	183460	0	0	4	75616	0	0	11	389511
50,000 TONS AND UP-:	18	1947224	10	426926	0	0	18	1397144	3	126741	35	3898936
<b>TOTAL-----:</b>	<b>69</b>	<b>2293237</b>	<b>152</b>	<b>998001</b>	<b>8</b>	<b>2391</b>	<b>80</b>	<b>1777583</b>	<b>118</b>	<b>435057</b>	<b>238</b>	<b>5506270</b>
<b>PARTNERSHIP:</b>												
UP TO 999 TONS----:	0	0	9	2297	3	78	7	2365	12	4332	15	9073
1,000-9,999 TONS--:	9	1691	35	32551	3	156	15	15431	47	114906	54	164734
10,000-24,999 TONS-:	0	0	0	0	0	0	0	0	1	16130	1	16130
25,000-49,999 TONS-:	0	0	0	0	0	0	1	53926	0	0	1	53926
50,000 TONS AND UP-:	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL-----:</b>	<b>9</b>	<b>1691</b>	<b>44</b>	<b>34848</b>	<b>6</b>	<b>235</b>	<b>24</b>	<b>71722</b>	<b>59</b>	<b>135368</b>	<b>72</b>	<b>243864</b>
<b>SINGLE OWNER:</b>												
UP TO 999 TONS----:	0	0	10	1611	0	0	0	0	10	3576	14	5186
1,000-9,999 TONS--:	11	15400	27	41565	1	246	7	17093	45	104229	62	178534
10,000-24,999 TONS-:	0	0	0	0	0	0	1	28985	1	11983	2	40968
25,000-49,999 TONS-:	0	0	0	0	0	0	1	36296	0	0	1	36296
50,000 TONS AND UP-:	0	0	0	0	0	0	6	414501	3	67462	6	481963
<b>TOTAL-----:</b>	<b>11</b>	<b>15400</b>	<b>37</b>	<b>43175</b>	<b>1</b>	<b>246</b>	<b>15</b>	<b>496875</b>	<b>59</b>	<b>187249</b>	<b>86</b>	<b>742947</b>
<b>COOPERATIVE:</b>												
UP TO 999 TONS----:	3	358	9	3893	0	0	1	389	12	7521	18	12160
1,000-9,999 TONS--:	0	0	32	51798	0	0	0	0	54	114211	56	166009
10,000-24,999 TONS-:	0	0	1	23534	0	0	1	16831	1	1207	2	41572
25,000-49,999 TONS-:	0	0	0	0	0	0	0	0	0	0	0	0
50,000 TONS AND UP-:	8	670965	4	24554	0	0	4	112984	1	5794	9	814297
<b>TOTAL-----:</b>	<b>11</b>	<b>671323</b>	<b>46</b>	<b>103778</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>130204</b>	<b>68</b>	<b>128733</b>	<b>86</b>	<b>1034038</b>
<b>TOTAL:</b>												
UP TO 999 TONS----:	8	940	36	10381	3	78	14	6018	44	19138	66	36555
1,000-9,999 TONS--:	41	113735	192	308449	7	1771	54	121130	235	562460	305	1107545
10,000-24,999 TONS-:	17	118352	29	226034	5	1023	24	258769	19	104813	47	708991
25,000-49,999 TONS-:	8	130435	7	183460	0	0	6	165838	0	0	14	479733
50,000 TONS AND UP-:	25	2618189	14	451480	0	0	27	1924629	7	199997	50	5194295
<b>TOTAL-----:</b>	<b>99</b>	<b>2981651</b>	<b>279</b>	<b>1179804</b>	<b>15</b>	<b>2872</b>	<b>125</b>	<b>2476384</b>	<b>305</b>	<b>886408</b>	<b>482</b>	<b>7527119</b>

APPENDIX TABLE 43.--DISTRIBUTION: FORMULA FEED, BY METHOD, OWNERSHIP, AND SIZE INTERVAL, SOUTHEAST REGION, 1975

OWNERSHIP AND SIZE INTERVAL	WHOLESALE		RETAIL		CUSTOM FEEDING		OWN LIVESTOCK		CUSTOM GRIND AND MIX		TOTAL	
	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS
-- NUMBER --												
<b>CORPORATION:</b>												
UP TO 999 TONS---	3	120	17	6086	0	0	12	2211	10	1954	29	10371
1,000-9,999 TONS--	20	18055	49	94279	5	4648	31	78629	46	93631	89	289242
10,000-24,999 TONS-	28	271944	32	257466	1	399	26	278922	8	19599	53	828329
25,000-49,999 TONS-	21	442829	16	337290	3	77737	12	378996	9	166686	39	1403538
50,000 TONS AND UP-	21	1497366	12	641635	0	0	28	2496873	2	258125	43	4894000
<b>TOTAL-----</b>	<b>93</b>	<b>2230314</b>	<b>126</b>	<b>1336756</b>	<b>9</b>	<b>82783</b>	<b>109</b>	<b>3235631</b>	<b>76</b>	<b>539995</b>	<b>253</b>	<b>7425480</b>
<b>PARTNERSHIP:</b>												
UP TO 999 TONS---	0	0	1	1101	0	0	0	0	1	856	3	1957
1,000-9,999 TONS--	0	0	6	12150	0	0	5	5097	3	1408	10	18656
10,000-24,999 TONS-	0	0	1	26826	0	0	1	266	1	1329	1	28421
25,000-49,999 TONS-	0	0	1	26545	0	0	1	29091	0	0	1	55636
50,000 TONS AND UP-	0	0	1	19636	0	0	1	176727	0	0	1	196364
<b>TOTAL-----</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>86259</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>211181</b>	<b>5</b>	<b>3593</b>	<b>17</b>	<b>301033</b>
<b>SINGLE OWNER:</b>												
UP TO 999 TONS---	0	0	11	2876	0	0	17	8596	10	4536	30	16008
1,000-9,999 TONS--	10	5880	32	62052	3	771	12	18153	26	58263	43	145118
10,000-24,999 TONS-	0	0	0	0	1	8976	3	30545	0	0	3	39521
25,000-49,999 TONS-	0	0	1	2658	0	0	1	47178	3	56427	3	106263
50,000 TONS AND UP-	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL-----</b>	<b>10</b>	<b>5880</b>	<b>44</b>	<b>67586</b>	<b>4</b>	<b>9747</b>	<b>33</b>	<b>104472</b>	<b>39</b>	<b>119225</b>	<b>78</b>	<b>306910</b>
<b>COOPERATIVE:</b>												
UP TO 999 TONS---	0	0	12	1446	0	0	0	0	12	4632	12	6078
1,000-9,999 TONS--	0	0	10	7431	0	0	0	0	10	8486	10	15917
10,000-24,999 TONS-	1	26579	5	61146	0	0	0	0	1	2405	6	90130
25,000-49,999 TONS-	1	33224	2	64126	0	0	1	43389	0	0	4	140738
50,000 TONS AND UP-	7	284992	1	15828	0	0	9	875902	1	24813	11	1201534
<b>TOTAL-----</b>	<b>10</b>	<b>344794</b>	<b>30</b>	<b>149976</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>919291</b>	<b>25</b>	<b>40336</b>	<b>43</b>	<b>1454397</b>
<b>TOTAL:</b>												
UP TO 999 TONS---	3	120	41	11509	0	0	29	10808	34	11977	73	34413
1,000-9,999 TONS--	29	23935	97	175912	7	5419	49	101879	85	161788	151	468932
10,000-24,999 TONS-	30	298523	38	345438	3	9375	30	309733	11	23334	63	986402
25,000-49,999 TONS-	22	476053	21	430619	3	77737	16	498654	11	223113	48	1706175
50,000 TONS AND UP-	28	1782358	15	677099	0	0	38	3549503	3	282938	55	6291898
<b>TOTAL-----</b>	<b>112</b>	<b>2580988</b>	<b>211</b>	<b>1640577</b>	<b>13</b>	<b>92530</b>	<b>163</b>	<b>4470575</b>	<b>144</b>	<b>703150</b>	<b>391</b>	<b>9487821</b>

APPENDIX TABLE 44.--DISTRIBUTION: FORMULA FEED, BY METHOD, OWNERSHIP, AND SIZE INTERVAL, DELTA REGION, 1975

OWNERSHIP AND SIZE INTERVAL	WHOLESALE		RETAIL		CUSTOM FEEDING		OWN LIVESTOCK		CUSTOM GRIND AND MIX		TOTAL	
	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS
- NUMBER -												
<b>CORPORATION:</b>												
UP TO 999 TONS----	0	0	3	388	3	1181	3	169	0	0	3	1738
1,000-9,999 TONS--	21	58986	35	76382	5	5484	21	68242	15	26679	51	235773
10,000-24,999 TONS--	4	32188	3	35504	1	21967	7	89441	0	0	11	179099
25,000-49,999 TONS--	3	85391	3	18353	0	0	7	273784	0	0	9	377528
50,000 TONS AND UP--	13	674518	7	54535	1	2406	33	2896517	0	0	36	3527975
<b>TOTAL-----</b>	<b>41</b>	<b>851084</b>	<b>50</b>	<b>185163</b>	<b>11</b>	<b>31038</b>	<b>71</b>	<b>3328152</b>	<b>15</b>	<b>26679</b>	<b>111</b>	<b>4422115</b>
<b>PARTNERSHIP:</b>												
UP TO 999 TONS----	0	0	5	763	0	0	0	0	5	1441	5	2204
1,000-9,999 TONS--	3	1013	12	16633	3	10530	3	3443	14	25916	18	57534
10,000-24,999 TONS--	0	0	0	0	0	0	0	0	0	0	0	0
25,000-49,999 TONS--	0	0	0	0	0	0	3	81388	0	0	3	81388
50,000 TONS AND UP--	0	0	1	10101	1	49065	3	222158	1	19891	4	301215
<b>TOTAL-----</b>	<b>3</b>	<b>1013</b>	<b>18</b>	<b>27497</b>	<b>5</b>	<b>59595</b>	<b>9</b>	<b>306989</b>	<b>20</b>	<b>47248</b>	<b>29</b>	<b>442341</b>
<b>SINGLE OWNER:</b>												
UP TO 999 TONS----	1	513	0	0	0	0	0	0	0	0	1	513
1,000-9,999 TONS--	3	651	20	76871	0	0	3	8343	8	16166	23	102031
10,000-24,999 TONS--	0	0	3	18734	1	663	3	21284	3	6746	4	47427
25,000-49,999 TONS--	0	0	0	0	0	0	0	0	0	0	0	0
50,000 TONS AND UP--	0	0	0	0	0	0	1	125683	0	0	1	125683
<b>TOTAL-----</b>	<b>4</b>	<b>1163</b>	<b>23</b>	<b>95605</b>	<b>1</b>	<b>663</b>	<b>7</b>	<b>155310</b>	<b>11</b>	<b>22912</b>	<b>29</b>	<b>275654</b>
<b>COOPERATIVE:</b>												
UP TO 999 TONS----	0	0	0	0	0	0	0	0	0	0	0	0
1,000-9,999 TONS--	0	0	13	33477	0	0	0	0	7	4982	13	38459
10,000-24,999 TONS--	0	0	0	0	0	0	0	0	0	0	0	0
25,000-49,999 TONS--	5	188486	3	16443	0	0	3	13306	0	0	5	218235
50,000 TONS AND UP--	5	218197	1	29161	0	0	8	501696	0	0	9	749053
<b>TOTAL-----</b>	<b>11</b>	<b>406683</b>	<b>17</b>	<b>79081</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>515002</b>	<b>7</b>	<b>4982</b>	<b>27</b>	<b>1005747</b>
<b>TOTAL:</b>												
UP TO 999 TONS----	1	513	8	1151	3	1181	3	169	5	1441	9	4455
1,000-9,999 TONS--	27	60650	80	203363	9	16014	27	80027	44	73742	105	433797
10,000-24,999 TONS--	4	32188	5	54238	3	22630	9	110724	3	6746	15	226526
25,000-49,999 TONS--	8	273877	5	34796	0	0	12	368478	0	0	17	677151
50,000 TONS AND UP--	19	892715	9	93797	3	51471	45	3746054	1	19891	50	4803928
<b>TOTAL-----</b>	<b>59</b>	<b>125993</b>	<b>108</b>	<b>387345</b>	<b>17</b>	<b>91296</b>	<b>96</b>	<b>4305453</b>	<b>52</b>	<b>101821</b>	<b>196</b>	<b>6145857</b>

APPENDIX TABLE 45.--DISTRIBUTION: FORMULA FEED, BY METHOD, OWNERSHIP, AND SIZE INTERVAL, SOUTHERN PLAINS, 1975

OWNERSHIP AND SIZE INTERVAL	WHOLESALE		RETAIL		CUSTOM FEEDING		OWN LIVESTOCK		CUSTOM GRIND AND MIX		TOTAL	
	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS
-NUMBER-												
:												
<b>CORPORATION:</b>												
UP TO 999 TONS----	0	0	11	2956	4	610	7	1151	18	6139	22	10855
1,000-9,999 TONS--	23	38052	74	242624	7	22753	17	50826	48	77116	98	431370
10,000-24,999 TONS--	18	115079	24	244131	11	151981	14	125427	11	59775	43	696392
25,000-49,999 TONS--	26	598059	23	494759	4	154333	12	305284	3	1659	43	1554093
50,000 TONS AND UP--	27	2141324	20	519547	28	2624471	26	1661096	5	146491	66	7092929
TOTAL-----	92	2892514	152	1504016	54	2954147	75	2143784	85	291179	271	9785639
<b>PARTNERSHIP:</b>												
UP TO 999 TONS----	0	0	8	2979	0	0	5	546	8	2337	9	5862
1,000-9,999 TONS--	5	1424	18	76659	7	26619	22	23689	18	26008	34	154399
10,000-24,999 TONS--	0	0	0	0	0	0	4	71542	0	0	4	71542
25,000-49,999 TONS--	0	0	1	815	1	49597	3	97699	0	0	4	148112
50,000 TONS AND UP--	0	0	0	0	3	166283	3	203436	0	0	4	369720
TOTAL-----	5	1424	27	80453	11	242499	36	396913	26	28345	55	749635
<b>SINGLE OWNER:</b>												
UP TO 999 TONS----	0	0	7	4495	3	1353	0	0	9	4390	18	10238
1,000-9,999 TONS--	3	2683	35	85307	5	8953	22	45230	31	73592	61	215764
10,000-24,999 TONS--	0	0	13	180938	3	27640	8	95533	9	70112	23	374223
25,000-49,999 TONS--	3	19574	3	47161	4	86220	5	51399	1	19024	7	223378
50,000 TONS AND UP--	0	0	4	175384	5	470091	0	0	0	0	5	645474
TOTAL-----	5	22258	62	493285	20	594256	35	192162	51	167117	113	1469078
<b>COOPERATIVE:</b>												
UP TO 999 TONS----	0	0	0	0	0	0	0	0	0	0	0	0
1,000-9,999 TONS--	1	11252	19	58273	0	0	0	0	15	33890	23	103415
10,000-24,999 TONS--	1	32612	1	18272	0	0	0	0	1	15972	4	66856
25,000-49,999 TONS--	1	37874	4	124968	0	0	0	0	0	0	4	162843
50,000 TONS AND UP--	1	17002	3	111212	1	31344	1	20896	0	0	3	180453
TOTAL-----	5	98740	27	312725	1	31344	1	20896	16	49862	33	513568
<b>TOTAL:</b>												
UP TO 999 TONS----	0	0	26	10430	7	1963	12	1697	35	12866	49	26955
1,000-9,999 TONS--	32	53411	145	462863	19	58324	61	119745	112	210606	215	904949
10,000-24,999 TONS--	19	147691	39	443341	13	179621	26	292502	21	145858	74	1209013
25,000-49,999 TONS--	30	655508	31	667703	9	290150	20	454382	4	20683	58	2088426
50,000 TONS AND UP--	28	2158325	27	806142	38	3292189	30	1885429	5	146491	78	8288576
TOTAL-----	109	3014935	268	2390479	86	3822247	148	2753754	178	536504	473	12517919

APPENDIX TABLE 46.--DISTRIBUTION: FORMULA FEED, BY METHOD, OWNERSHIP, AND SIZE INTERVAL, MOUNTAIN REGION, 1975

OWNERSHIP AND SIZE INTERVAL	WHOLESALE		RETAIL		CUSTOM FEEDING		OWN LIVESTOCK		CUSTOM GRIND AND MIX		TOTAL	
	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS
-NUMBER-												
CORPORATION:												
UP TO 999 TONS---	0	0	8	3029	0	0	5	2543	9	2321	17	7894
1,000-9,999 TONS--	19	23436	65	230912	21	48516	33	126292	34	81524	99	510680
10,000-24,999 TONS-	10	51930	15	179003	10	56346	13	104588	6	8032	26	399899
25,000-49,999 TONS-	17	266886	25	437355	11	237200	12	76800	6	112067	33	1130308
50,000 TONS AND UP-	4	274049	14	1070124	15	962045	13	2172654	7	104717	30	4583589
TOTAL-----	50	616301	127	1920423	57	1304107	75	2482878	62	308661	206	6632370
PARTNERSHIP:												
UP TO 999 TONS---	0	0	1	1053	0	0	0	0	0	0	1	1053
1,000-9,999 TONS--	0	0	3	3167	3	12013	4	18575	5	12967	9	46721
10,000-24,999 TONS-	2	16087	3	25134	0	0	2	3516	0	0	3	44737
25,000-49,999 TONS-	0	0	0	0	0	0	2	62400	0	0	2	62400
50,000 TONS AND UP-	0	0	0	0	0	0	3	429000	0	0	3	429000
TOTAL-----	2	16087	8	29354	3	12013	11	513491	5	12967	18	583911
SINGLE OWNER:												
UP TO 999 TONS---	0	0	6	4200	1	840	4	585	9	1891	13	7516
1,000-9,999 TONS--	1	2380	8	13689	1	7020	1	2250	4	2340	8	27679
10,000-24,999 TONS-	0	0	5	52130	2	16087	2	36000	2	8043	7	112261
25,000-49,999 TONS-	0	0	0	0	0	0	3	121000	0	0	3	121000
50,000 TONS AND UP-	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL-----	1	2380	19	70020	4	23947	10	159835	15	12275	31	268455
COOPERATIVE:												
UP TO 999 TONS---	0	0	6	4343	0	0	0	0	13	7106	13	11449
1,000-9,999 TONS--	11	14245	18	37415	2	6885	0	0	17	26608	20	85154
10,000-24,999 TONS-	6	32493	9	97130	0	0	0	0	2	7200	9	136823
25,000-49,999 TONS-	3	44686	2	28286	0	0	3	78400	2	857	5	152229
50,000 TONS AND UP-	1	1125	2	150234	0	0	0	0	1	4575	2	155934
TOTAL-----	21	92549	38	317407	2	6885	3	78400	35	46346	49	541588
TOTAL:												
UP TO 999 TONS---	0	0	21	12624	1	840	9	3128	31	11319	44	27911
1,000-9,999 TONS--	31	40061	94	285184	27	74434	38	147117	60	123439	136	670234
10,000-24,999 TONS-	18	100510	33	353397	11	72433	16	144104	10	23275	46	693720
25,000-49,999 TONS-	20	311572	27	465641	11	237200	20	338600	7	112924	42	1465937
50,000 TONS AND UP-	5	275174	17	1220357	15	962045	16	2601654	8	109293	35	5168523
TOTAL-----	74	727317	192	2337204	66	1346952	99	3234604	116	380249	304	8026326

APPENDIX TABLE 47.--DISTRIBUTION: FORMULA FEED, BY METHOD, OWNERSHIP, AND SIZE INTERVAL, PACIFIC REGION, 1975

OWNERSHIP AND SIZE INTERVAL	WHOLESALE		RETAIL		CUSTOM FEEDING		OWN LIVESTOCK		CUSTOM GRIND AND MIX		TOTAL	
	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS
	NUMBER											
<b>CORPORATION:</b>												
UP TO 999 TONS----	0	0	0	0	0	0	0	0	0	0	0	0
1,000-9,999 TONS--	9	7209	19	55808	1	9154	14	77689	15	17584	33	167445
10,000-24,999 TONS-	17	78032	25	272731	6	68047	5	47918	11	46715	29	513443
25,000-49,999 TONS-	20	192863	27	720421	3	104869	12	206317	5	24568	36	1249039
50,000 TONS AND UP-	20	413450	30	2230612	12	677436	19	1620045	5	52373	51	4993915
<b>TOTAL-----</b>	<b>67</b>	<b>691555</b>	<b>160</b>	<b>3279573</b>	<b>23</b>	<b>859506</b>	<b>50</b>	<b>1951969</b>	<b>35</b>	<b>141240</b>	<b>149</b>	<b>6923843</b>
<b>PARTNERSHIP:</b>												
UP TO 999 TONS----	0	0	0	0	0	0	3	2133	0	0	3	2133
1,000-9,999 TONS--	9	8485	9	24544	6	15257	4	23490	14	16145	18	89921
10,000-24,999 TONS-	2	7639	3	14439	8	124509	2	23519	2	7840	11	177944
25,000-49,999 TONS-	0	0	0	0	2	50173	0	0	0	0	2	50173
50,000 TONS AND UP-	2	274121	0	0	0	0	3	594862	0	0	5	868983
<b>TOTAL-----</b>	<b>12</b>	<b>290245</b>	<b>12</b>	<b>38983</b>	<b>16</b>	<b>189939</b>	<b>12</b>	<b>644004</b>	<b>15</b>	<b>25984</b>	<b>38</b>	<b>1189154</b>
<b>SINGLE OWNER:</b>												
UP TO 999 TONS----	0	0	0	0	0	0	0	0	0	0	0	0
1,000-9,999 TONS--	0	0	0	0	6	14352	4	11981	11	13375	16	39708
10,000-24,999 TONS-	3	6400	4	41740	2	7840	3	24773	1	330	7	81082
25,000-49,999 TONS-	0	0	0	0	0	0	0	0	0	0	0	0
50,000 TONS AND UP-	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL-----</b>	<b>3</b>	<b>6400</b>	<b>4</b>	<b>41740</b>	<b>8</b>	<b>22191</b>	<b>8</b>	<b>36754</b>	<b>13</b>	<b>13705</b>	<b>23</b>	<b>120791</b>
<b>COOPERATIVE:</b>												
UP TO 999 TONS----	3	853	3	1067	0	0	0	0	0	0	3	1920
1,000-9,999 TONS--	6	11090	6	23171	0	0	0	0	0	3	10036	7
10,000-24,999 TONS-	3	31394	5	59148	0	0	0	0	1	877	6	91418
25,000-49,999 TONS-	0	0	3	112643	0	0	0	0	0	0	3	112643
50,000 TONS AND UP-	2	290062	9	909835	0	0	0	0	0	0	11	1199897
<b>TOTAL-----</b>	<b>13</b>	<b>333398</b>	<b>25</b>	<b>1105863</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>10913</b>	<b>29</b>	<b>1450175</b>
<b>TOTAL:</b>												
UP TO 999 TONS----	3	853	3	1067	0	0	3	2133	0	0	5	4053
1,000-9,999 TONS--	23	26784	33	103524	14	38763	23	113160	43	59141	74	341372
10,000-24,999 TONS-	24	123464	36	388058	16	200395	9	96210	15	55761	54	863888
25,000-49,999 TONS-	20	192863	29	833064	5	155042	12	206317	5	24568	40	1411855
50,000 TONS AND UP-	23	977633	39	3140447	12	677436	22	2214907	5	52373	67	7062795
<b>TOTAL-----</b>	<b>94</b>	<b>1321598</b>	<b>141</b>	<b>4466160</b>	<b>47</b>	<b>1071636</b>	<b>69</b>	<b>2632727</b>	<b>67</b>	<b>191842</b>	<b>239</b>	<b>9683963</b>

APPENDIX TABLE 48--DISTRIBUTION: FORMULA FEED, BY METHOD, OWNERSHIP, AND SIZE INTERVAL, UNITED STATES, 1975

OWNERSHIP AND SIZE INTERVAL	WHOLESALE		RETAIL		CUSTOM FEEDING		OWN LIVESTOCK		CUSTOM GRIND AND MIX		TOTAL	
	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS
- - - - - NUMBER - - - - -												
<b>CORPORATION:</b>												
UP TO 999 TONS----	24	4974	159	51337	13	2371	48	13994	154	60346	267	133021
1,000-9,999 TONS--	284	606564	1088	2682203	90	166090	296	765023	1054	2733370	1705	6953249
10,000-24,999 TONS-	219	1715335	357	3003591	57	516311	155	1351486	214	1637607	545	8224330
25,000-49,999 TONS-	175	3757054	179	3431030	40	1029993	90	1705419	55	839766	308	10763262
50,000 TONS AND UP--	187	13030688	137	6178507	76	6261248	178	15629436	45	2199346	409	43499225
<b>TOTAL-----</b>	<b>889</b>	<b>19114615</b>	<b>1919</b>	<b>15346668</b>	<b>276</b>	<b>7976013</b>	<b>768</b>	<b>19665358</b>	<b>1522</b>	<b>7470434</b>	<b>3234</b>	<b>69573087</b>
<b>PARTNERSHIP:</b>												
UP TO 999 TONS----	3	53	43	15898	3	78	20	7717	56	22314	71	46060
1,000-9,999 TONS--	33	23477	197	421903	32	74819	89	163995	200	505209	313	1189403
10,000-24,999 TONS-	10	37567	29	205048	8	124509	14	124089	22	261469	47	752681
25,000-49,999 TONS-	0	0	3	27361	4	138908	10	324504	0	0	14	490773
50,000 TONS AND UP--	2	274121	6	212168	4	215349	13	1626183	9	1197488	26	3525309
<b>TOTAL-----</b>	<b>47</b>	<b>335218</b>	<b>278</b>	<b>882377</b>	<b>52</b>	<b>553663</b>	<b>146</b>	<b>2246487</b>	<b>287</b>	<b>1986481</b>	<b>471</b>	<b>6004225</b>
<b>SINGLE OWNER:</b>												
UP TO 999 TONS----	8	947	79	26096	14	4234	39	13240	142	55141	202	99658
1,000-9,999 TONS--	47	38172	385	811441	44	43596	102	222572	499	1342801	676	2458581
10,000-24,999 TONS-	7	47716	57	454964	10	66367	22	268719	47	441302	89	1279068
25,000-49,999 TONS-	5	114645	6	98433	4	86220	13	326873	4	75451	18	701621
50,000 TONS AND UP--	2	169545	11	741446	7	551274	11	1988608	7	477426	27	3928300
<b>TOTAL-----</b>	<b>69</b>	<b>371025</b>	<b>538</b>	<b>2132379</b>	<b>80</b>	<b>751691</b>	<b>187</b>	<b>2820011</b>	<b>699</b>	<b>2392121</b>	<b>1012</b>	<b>8467228</b>
<b>COOPERATIVE:</b>												
UP TO 999 TONS----	6	1211	133	46717	3	502	1	389	161	72626	211	121445
1,000-9,999 TONS--	60	75895	664	1578677	28	40895	8	4747	769	2275466	1011	3975680
10,000-24,999 TONS-	35	315497	153	1313688	6	81630	7	32253	148	1379383	221	3122452
25,000-49,999 TONS-	42	1053462	54	1106438	5	52492	11	138182	37	643578	87	2994152
50,000 TONS AND UP--	52	3959623	38	2290952	5	84260	24	1550741	23	2386836	94	10272412
<b>TOTAL-----</b>	<b>194</b>	<b>5405688</b>	<b>1043</b>	<b>6336472</b>	<b>47</b>	<b>259779</b>	<b>52</b>	<b>1726311</b>	<b>1139</b>	<b>6757889</b>	<b>1623</b>	<b>20486140</b>
<b>TOTAL:</b>												
UP TO 999 TONS----	41	7185	413	140049	33	7185	109	35339	512	210426	750	400184
1,000-9,999 TONS--	424	744108	2334	5494223	194	325400	495	1156336	2522	6856846	3704	14576913
10,000-24,999 TONS-	271	2116115	596	4977291	81	788818	199	1776546	431	3719761	902	13378531
25,000-49,999 TONS-	222	4925161	243	4663261	54	1307613	124	2494978	96	1558794	427	14949807
50,000 TONS AND UP--	243	17433977	192	9423074	92	7112131	226	20994969	84	6261096	556	61225245
<b>TOTAL-----</b>	<b>1199</b>	<b>25226546</b>	<b>3778</b>	<b>24697897</b>	<b>454</b>	<b>9541146</b>	<b>1153</b>	<b>26458168</b>	<b>3646</b>	<b>18606924</b>	<b>6340</b>	<b>104530681</b>

APPENDIX TABLE 49.--DISTRIBUTION: FORMULA FEED, BY METHOD AND SIZE INTERVAL, UNITED STATES, 1975

SIZE INTERVAL	WHOLESALE		RETAIL		CUSTOM FEEDING		OWN LIVESTOCK		CUSTOM GRIND AND MIX		TOTAL
	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	
	NUMBER										
UP TO 999 TONS----	41.	7185.	413.	140049.	33.	7185.	109.	35339.	512.	210426.	750. 400184.
1,000-9,999 TONS--	424.	744108.	2334.	5494223.	194.	325400.	495.	1156336.	2522.	6856846.	3704. 14576913.
10,000-24,999 TONS--	271.	2116115.	596.	4977291.	81.	788818.	199.	1776546.	431.	3719761.	902. 13378531.
25,000-49,999 TONS--	222.	4925161.	243.	4663261.	54.	1307613.	124.	2494978.	96.	1558794.	427. 14949807.
50,000 TONS AND UP--	243.	17433977.	192.	9423074.	92.	7112131.	226.	20994969.	84.	6261096.	556. 61225246.
U.S. TOTAL-----	1199.	25226546.	3778.	24697897.	454.	9541146.	1153.	26458168.	3646.	18606924.	6340. 104530681.

	PERCENT DISTRIBUTION (COLUMN)										
	UP TO 999 TONS----	1,000-9,999 TONS--	10,000-24,999 TONS--	25,000-49,999 TONS--	50,000 TONS AND UP--	U.S. TOTAL-----	1	2	3	4	5
UP TO 999 TONS----	3.4	0.0	10.9	0.6	7.3	0.1	9.4	0.1	14.1	1.1	11.8 0.4
1,000-9,999 TONS--	35.3	2.9	61.8	22.2	42.7	3.4	42.9	4.4	69.2	36.9	58.4 13.9
10,000-24,999 TONS--	22.6	8.4	15.8	20.2	17.9	8.3	17.3	6.7	11.8	20.0	14.2 12.8
25,000-49,999 TONS--	18.5	19.5	6.4	18.9	11.9	13.7	10.8	9.4	2.6	8.4	6.7 14.3
50,000 TONS AND UP--	20.2	69.1	5.1	38.2	20.3	74.5	19.6	79.4	2.3	33.6	8.8 58.6
U.S. TOTAL-----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

	PERCENT DISTRIBUTION (ROW)										
	UP TO 999 TONS----	1,000-9,999 TONS--	10,000-24,999 TONS--	25,000-49,999 TONS--	50,000 TONS AND UP--	U.S. TOTAL-----	1	2	3	4	5
UP TO 999 TONS----	5.4	1.8	55.1	35.0	4.4	1.8	14.5	8.8	68.3	52.6	100.0 100.0
1,000-9,999 TONS--	11.4	5.1	63.0	37.7	5.2	2.2	13.4	7.9	68.1	47.0	100.0 100.0
10,000-24,999 TONS--	30.0	15.8	66.0	37.2	9.0	5.9	22.1	13.3	47.8	27.8	100.0 100.0
25,000-49,999 TONS--	51.9	32.9	56.9	31.2	12.6	8.7	29.1	16.7	22.5	10.4	100.0 100.0
50,000 TONS AND UP--	43.6	28.5	34.4	15.4	16.5	11.6	40.6	34.3	15.2	10.2	100.0 100.0
U.S. TOTAL-----	18.9	24.1	59.6	23.6	7.2	9.1	18.2	25.3	57.5	17.8	100.0 100.0

APPENDIX TABLE 50.--DISTRIBUTION: FORMULA FEED, BY METHOD AND OWNERSHIP, UNITED STATES, 1975

OWNERSHIP	WHOLESALE		RETAIL		CUSTOM FEEDING		OWN LIVESTOCK		CUSTOM GRIND AND MIX		TOTAL		
	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	
	--NUMBER--												
CORPORATIONS-----	889.	19114615.	1919.	15346668.	276.	7976013.	768.	19665358.	1522.	7470434.	3234.	69573087.	
PARTNERSHIPS-----	47.	335218.	278.	882377.	52.	553663.	146.	2246487.	287.	1986481.	471.	6004226.	
SINGLE OWNER-----	69.	371025.	538.	2132379.	80.	751691.	187.	2820011.	699.	2392121.	1012.	8467228.	
COOPERATIVES-----	194.	5405688.	1043.	6336472.	47.	259779.	52.	1726311.	1139.	6757889.	1623.	20486140.	
U.S. TOTAL-----	1199.	25226546.	3778.	24697897.	454.	9541146.	1153.	26458168.	3646.	18606924.	6340.	104530681.	
PERCENT DISTRIBUTION (COLUMN)													
%	CORPORATIONS-----	74.1	75.8	50.8	62.1	60.8	83.6	66.6	74.3	41.7	40.1	51.0	66.6
	PARTNERSHIPS-----	3.9	1.3	7.4	3.6	11.4	5.8	12.7	8.5	7.9	10.7	7.4	5.7
	SINGLE OWNER-----	5.7	1.5	14.2	8.6	17.5	7.9	16.2	10.7	19.2	12.9	16.0	8.1
	COOPERATIVES-----	16.2	21.4	27.6	25.7	10.3	2.7	4.5	6.5	31.2	36.3	25.6	19.6
	U.S. TOTAL-----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
PERCENT DISTRIBUTION (ROW)													
	CORPORATIONS-----	27.5	27.5	59.3	22.1	8.5	11.5	23.7	28.3	47.0	10.7	100.0	100.0
	PARTNERSHIPS-----	10.0	5.6	59.0	14.7	11.0	9.2	31.1	37.4	60.9	33.1	100.0	100.0
	SINGLE OWNER-----	6.8	4.4	53.2	25.2	7.9	8.9	18.5	33.3	69.1	28.3	100.0	100.0
	COOPERATIVES-----	11.9	26.4	64.3	30.9	2.9	1.3	3.2	8.4	70.2	33.0	100.0	100.0
	U.S. TOTAL-----	18.9	24.1	59.6	23.6	7.2	9.1	18.2	25.3	57.5	17.8	100.0	100.0

APPENDIX TABLE 51.--DISTRIBUTION: DRY FORMULA FEED, BY METHOD, OWNERSHIP, AND SIZE INTERVAL, NORTHEAST REGION, 1975

OWNERSHIP AND SIZE INTERVAL	WHOLESALE		RETAIL		CUSTOM FEEDING		OWN LIVESTOCK		CUSTOM GRIND AND MIX		TOTAL	
	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS
-NUMBER-												
CORPORATION:												
UP TO 999 TONS---	1	12	10	3073	0	0	1	968	12	5568	19	9621
1,000-9,999 TONS--	29	25977	115	397718	5	7901	13	18905	73	182485	145	632985
10,000-24,999 TONS--	24	69663	36	387171	1	1510	4	36446	15	103218	41	598009
25,000-49,999 TONS--	18	296627	21	423709	4	11784	7	131156	10	79008	29	942284
50,000 TONS AND UP--	12	912860	14	633580	0	0	23	2635027	6	133640	37	4315106
TOTAL-----	84	1305140	196	1845251	10	21194	48	2822501	116	503919	270	6498005
PARTNERSHIP:												
UP TO 999 TONS--	0	0	4	2298	0	0	0	0	3	141	4	2440
1,000-9,999 TONS--	4	10549	30	104670	1	242	3	212	12	40167	33	155840
10,000-24,999 TONS--	4	1582	7	33452	0	0	0	0	5	50136	7	85170
25,000-49,999 TONS--	0	0	0	0	0	0	0	0	0	0	0	0
50,000 TONS AND UP--	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL-----	8	12131	41	140420	1	242	3	212	20	90445	44	243450
SINGLE OWNER:												
UP TO 999 TONS--	0	0	15	3911	3	1080	3	1633	14	2773	19	9397
1,000-9,999 TONS--	3	5625	59	174303	1	19	10	9489	64	178383	87	367825
10,000-24,999 TONS--	3	25341	7	22011	0	0	1	22383	5	47071	8	116805
25,000-49,999 TONS--	2	95071	1	1364	0	0	0	0	0	0	2	96435
50,000 TONS AND UP--	1	72345	0	0	0	0	4	1448424	1	162024	5	1682794
TOTAL-----	9	198382	82	201594	4	1099	17	1481929	84	390252	121	2273256
COOPERATIVE:												
UP TO 999 TONS--	0	0	17	6778	0	0	0	0	15	8621	25	15399
1,000-9,999 TONS--	9	4377	68	183952	1	1258	0	0	75	214081	97	403669
10,000-24,999 TONS--	6	26281	20	170868	0	0	1	605	16	66663	20	264415
25,000-49,999 TONS--	18	344997	12	302236	0	0	4	3087	5	43656	19	693975
50,000 TONS AND UP--	15	1305538	3	157890	0	0	1	13317	0	0	16	1476745
TOTAL-----	48	1681193	120	821724	1	1258	7	17009	111	333021	177	2854205
TOTAL:												
UP TO 999 TONS--	1	12	46	16060	3	1080	4	2601	43	17103	67	36857
1,000-9,999 TONS--	45	46528	273	860648	9	9420	26	28606	225	615117	362	1560313
10,000-24,999 TONS--	37	122867	69	613502	1	1510	6	59434	41	267089	75	1064401
25,000-49,999 TONS--	38	736695	54	727309	4	11784	11	134243	16	122663	50	1732694
50,000 TONS AND UP--	29	2290743	16	791470	0	0	28	4096768	7	295664	58	7474645
TOTAL-----	149	3196845	439	3008988	17	23794	75	4321651	332	1317637	611	11868915

APPENDIX TABLE 52.--DISTRIBUTION: DRY FORMULA FEED, BY METHOD, OWNERSHIP, AND SIZE INTERVAL, LAKE STATES REGION, 1975

OWNERSHIP AND SIZE INTERVAL	WHOLESALE		RETAIL		CUSTOM FEEDING		OWN LIVESTOCK		CUSTOM GRIND AND MIX		TOTAL	
	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS
-NUMBER-												
CORPORATION:												
UP TO 999 TONS----	0	0	30	8924	3	315	0	0	33	12703	46	21943
1,000-9,999 TONS--	39	107281	134	257541	7	10519	22	50896	138	419881	202	846117
10,000-24,999 TONS-	34	240937	59	322337	5	31665	14	78877	39	358323	76	1032139
25,000-49,999 TONS-	6	155866	8	100445	0	0	6	87258	2	51769	12	395337
50,000 TONS AND UP-	14	884283	11	79811	0	0	4	179253	10	759597	24	1902945
TOTAL-----	93	1388367	243	769058	15	42499	45	396284	223	1602273	360	4198481
PARTNERSHIP:												
UP TO 999 TONS----	3	53	5	1929	0	0	0	0	4	2692	6	4674
1,000-9,999 TONS--	1	45	15	11584	0	0	0	0	19	66191	20	77821
10,000-24,999 TONS-	0	0	6	46609	0	0	4	12201	4	78554	7	137363
25,000-49,999 TONS-	0	0	0	0	0	0	0	0	0	0	0	0
50,000 TONS AND UP-	0	0	0	0	0	0	0	0	3	235816	3	235816
TOTAL-----	4	99	26	60122	0	0	4	12201	31	383253	37	455675
SINGLE OWNER:												
UP TO 999 TONS----	0	0	6	1511	3	315	1	937	12	3007	18	5769
1,000-9,999 TONS--	6	59	67	124207	10	5075	7	14000	96	370477	114	513819
10,000-24,999 TONS-	0	0	17	81172	0	0	1	9215	16	173704	20	264091
25,000-49,999 TONS-	0	0	0	0	0	0	0	0	0	0	0	0
50,000 TONS AND UP-	0	0	3	3622	0	0	0	0	3	247727	3	251348
TOTAL-----	6	59	93	210512	13	5390	9	24152	127	794914	154	1035027
COOPERATIVE:												
UP TO 999 TONS----	0	0	21	3906	0	0	0	0	24	10112	32	14018
1,000-9,999 TONS--	4	1556	130	195884	12	18568	3	194	142	483741	186	699943
10,000-24,999 TONS-	5	29283	39	224427	0	0	3	14172	55	656696	67	924578
25,000-49,999 TONS-	4	92427	18	277593	1	5063	0	0	19	383987	23	759071
50,000 TONS AND UP-	1	61080	6	500785	0	0	0	0	9	1683693	10	2245558
TOTAL-----	14	184346	215	1202595	13	23631	6	14365	248	3218231	318	4643168
TOTAL:												
UP TO 999 TONS----	3	53	62	16270	2	630	1	937	73	28514	102	46404
1,000-9,999 TONS--	50	108942	346	589216	32	34162	31	65090	395	1340291	522	2137700
10,000-24,999 TONS-	39	270220	122	674546	3	31665	23	114464	114	1267277	170	2358172
25,000-49,999 TONS-	10	248293	27	378038	1	5063	6	87258	22	435756	35	1154408
50,000 TONS AND UP-	15	945363	21	584218	0	0	4	179253	25	2926833	40	4635667
TOTAL-----	116	1572871	576	2242287	42	71520	64	447002	629	5998671	869	10332351

APPENDIX TABLE 53.--DISTRIBUTION: DRY FORMULA FEED, BY METHOD, OWNERSHIP, AND SIZE INTERVAL, CORN BELT REGION, 1975

OWNERSHIP AND SIZE INTERVAL	WHOLESALE		RETAIL		CUSTOM FEEDING		OWN LIVESTOCK		CUSTOM GRIND AND MIX		TOTAL	
	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS
NUMBER												
<b>CORPORATION:</b>												
UP TO 999 TONS----	16	4260	55	16568	1	62	15	3687	46	20674	83	45250
1,000-9,999 TONS--	75	178230	363	827915	29	49779	73	122783	431	1175634	596	2354343
10,000-24,999 TONS--	46	537377	102	678481	6	64492	35	194458	89	860005	171	2534813
25,000-49,999 TONS--	34	905578	30	332870	1	9034	16	156250	19	375908	54	1779641
50,000 TONS AND UP--	46	3403393	15	488210	1	65138	6	176016	6	565479	55	4698236
<b>TOTAL-----</b>	<b>217</b>	<b>5028838</b>	<b>566</b>	<b>2544945</b>	<b>39</b>	<b>188505</b>	<b>145</b>	<b>653195</b>	<b>591</b>	<b>2997699</b>	<b>960</b>	<b>11412282</b>
<b>PARTNERSHIP:</b>												
UP TO 999 TONS----	0	0	5	1874	0	0	5	2672	13	5630	17	10175
1,000-9,999 TONS--	1	270	48	103929	8	9947	21	40321	48	128860	79	283327
10,000-24,999 TONS--	1	518	1	29943	0	0	0	0	4	32711	4	63173
25,000-49,999 TONS--	0	0	0	0	0	0	0	0	0	0	0	0
50,000 TONS AND UP--	0	0	1	60655	0	0	0	0	5	941781	5	1002436
<b>TOTAL-----</b>	<b>3</b>	<b>788</b>	<b>55</b>	<b>196401</b>	<b>8</b>	<b>9947</b>	<b>26</b>	<b>42993</b>	<b>70</b>	<b>1108982</b>	<b>105</b>	<b>1359112</b>
<b>SINGLE OWNER:</b>												
UP TO 999 TONS----	7	434	19	4002	5	646	12	1462	57	24111	64	30655
1,000-9,999 TONS--	11	5493	106	186676	12	5914	24	32452	180	453050	212	683586
10,000-24,999 TONS--	0	0	6	55991	1	5162	0	0	10	123314	13	184467
25,000-49,999 TONS--	0	0	1	47250	0	0	1	12293	0	0	1	59543
50,000 TONS AND UP--	1	97200	4	562441	0	0	0	0	0	0	5	659641
<b>TOTAL-----</b>	<b>19</b>	<b>103127</b>	<b>136</b>	<b>856360</b>	<b>17</b>	<b>11723</b>	<b>37</b>	<b>46207</b>	<b>246</b>	<b>600475</b>	<b>297</b>	<b>1617892</b>
<b>COOPERATIVE:</b>												
UP TO 999 TONS----	0	0	42	16926	3	502	0	0	46	14693	63	32120
1,000-9,999 TONS--	18	21535	214	551331	10	4667	6	4553	287	868575	369	1450661
10,000-24,999 TONS--	4	56186	53	490893	5	52747	1	645	53	430925	76	1031395
25,000-49,999 TONS--	5	168133	6	108459	0	0	0	0	5	127624	14	404216
50,000 TONS AND UP--	9	882777	6	178388	2	40125	1	25946	6	502922	16	1630157
<b>TOTAL-----</b>	<b>35</b>	<b>1128631</b>	<b>321</b>	<b>1345996</b>	<b>20</b>	<b>98041</b>	<b>8</b>	<b>31144</b>	<b>397</b>	<b>1944738</b>	<b>538</b>	<b>4548550</b>
<b>TOTAL:</b>												
UP TO 999 TONS----	22	4694	121	39370	8	1210	32	7821	162	65107	228	118201
1,000-9,999 TONS--	105	205529	730	1669850	59	70308	124	200110	946	2626120	1256	4771916
10,000-24,999 TONS--	51	594081	163	1455308	13	122401	36	195303	156	1446955	264	3813848
25,000-49,999 TONS--	39	1073712	38	488579	1	9034	18	168543	24	503532	69	2243400
50,000 TONS AND UP--	56	4383369	26	1289694	4	105263	7	201962	17	2010181	81	7990470
<b>TOTAL-----</b>	<b>274</b>	<b>6261385</b>	<b>1078</b>	<b>4942801</b>	<b>85</b>	<b>308215</b>	<b>217</b>	<b>773540</b>	<b>1305</b>	<b>6651894</b>	<b>1898</b>	<b>18937835</b>

APPENDIX TABLE 54.--DISTRIBUTION: DRY FORMULA FEED, BY METHOD, OWNERSHIP, AND SIZE INTERVAL, NORTHERN PLAINS REGION, 1975

OWNERSHIP AND SIZE INTERVAL	WHOLESALE		RETAIL		CUSTOM FEEDING		OWN LIVESTOCK		CUSTOM GRIND AND MIX		TOTAL	
	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS
-NUMBER-												
<b>CORPORATION:</b>												
UP TO 999 TONS----	0	0	16	7072	1	204	0	0	15	7214	28	14490
1,000-9,999 TONS--	27	51891	134	292686	7	5781	40	81927	164	428370	258	860656
10,000-24,999 TONS--	18	136726	30	200624	10	118882	18	182457	19	106290	52	744978
25,000-49,999 TONS--	21	622557	17	336033	12	933007	3	13958	2	28102	40	1433657
50,000 TONS AND UP--	11	802943	4	26192	17	1929753	9	594811	1	52184	33	3405882
<b>TOTAL-----</b>	<b>78</b>	<b>1614116</b>	<b>201</b>	<b>862608</b>	<b>48</b>	<b>2487627</b>	<b>69</b>	<b>873153</b>	<b>201</b>	<b>622159</b>	<b>411</b>	<b>6459663</b>
<b>PARTNERSHIP:</b>												
UP TO 999 TONS----	0	0	5	1110	0	0	0	0	8	4479	8	5589
1,000-9,999 TONS--	0	0	16	33404	0	0	11	33331	22	70565	37	137299
10,000-24,999 TONS--	1	11741	7	28125	0	0	1	13046	4	74769	8	127682
25,000-49,999 TONS--	0	0	0	0	1	39138	0	0	0	0	1	39138
50,000 TONS AND UP--	0	0	2	8118	0	0	0	0	0	0	2	8118
<b>TOTAL-----</b>	<b>1</b>	<b>11741</b>	<b>32</b>	<b>70757</b>	<b>1</b>	<b>39138</b>	<b>12</b>	<b>46377</b>	<b>34</b>	<b>149813</b>	<b>57</b>	<b>317825</b>
<b>SINGLE OWNER:</b>												
UP TO 999 TONS----	0	0	5	3367	0	0	1	26	21	10858	25	14251
1,000-9,999 TONS--	0	0	28	41072	4	1246	15	63581	32	70714	50	176613
10,000-24,999 TONS--	1	15975	1	1995	0	0	0	0	0	0	1	17970
25,000-49,999 TONS--	0	0	0	0	0	0	1	58707	0	0	1	58707
50,000 TONS AND UP--	0	0	0	0	2	81184	0	0	0	0	2	81184
<b>TOTAL-----</b>	<b>1</b>	<b>15975</b>	<b>34</b>	<b>46434</b>	<b>6</b>	<b>82430</b>	<b>16</b>	<b>122314</b>	<b>53</b>	<b>81572</b>	<b>79</b>	<b>348725</b>
<b>COOPERATIVE:</b>												
UP TO 999 TONS----	0	0	24	8194	0	0	0	39	19710	44	27904	
1,000-9,999 TONS--	12	11840	153	423682	1	9132	0	0	161	502976	230	947630
10,000-24,999 TONS--	8	69915	20	159597	1	28884	0	0	18	193219	31	451615
25,000-49,999 TONS--	4	137819	5	68850	4	46180	0	0	6	86757	18	339605
50,000 TONS AND UP--	3	180842	3	28267	1	12791	0	0	4	165038	7	386938
<b>TOTAL-----</b>	<b>27</b>	<b>400417</b>	<b>205</b>	<b>688590</b>	<b>8</b>	<b>96986</b>	<b>0</b>	<b>0</b>	<b>228</b>	<b>967700</b>	<b>323</b>	<b>2153693</b>
<b>TOTAL:</b>												
UP TO 999 TONS----	0	0	50	19743	1	204	1	26	84	42261	106	62234
1,000-9,999 TONS--	39	63731	333	790843	13	16160	64	178839	379	1072625	576	2122198
10,000-24,999 TONS--	29	234357	59	390341	11	147766	19	195503	41	374277	93	1342245
25,000-49,999 TONS--	25	760377	22	404883	17	518325	4	72665	8	114859	53	1871109
50,000 TONS AND UP--	14	983785	8	62578	20	2023727	9	594811	5	217222	43	3882122
<b>TOTAL-----</b>	<b>107</b>	<b>2042250</b>	<b>472</b>	<b>1668389</b>	<b>63</b>	<b>2706181</b>	<b>97</b>	<b>1041844</b>	<b>516</b>	<b>1821244</b>	<b>870</b>	<b>9279908</b>

APPENDIX TABLE 55.--DISTRIBUTION: DRY FORMULA FEED, BY METHOD, OWNERSHIP, AND SIZE INTERVAL, APPALACHIAN REGION, 1975

OWNERSHIP AND SIZE INTERVAL	WHOLESALE		RETAIL		CUSTOM FEEDING		OWN LIVESTOCK		CUSTOM GRIND AND MIX		TOTAL	
	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS
- NUMBER -												
<b>CORPORATION:</b>												
UP TO 999 TONS----	4	583	10	2580	0	0	6	3264	11	3709	20	10136
1,000-9,999 TONS--	22	96612	97	180897	3	1369	32	88606	90	228384	132	595867
10,000-24,999 TONS--	17	118352	28	202154	5	1023	21	212953	15	75493	41	609975
25,000-49,999 TONS--	8	130435	7	183460	0	0	4	75616	0	0	11	389511
50,000 TONS AND UP--	18	1903787	10	426926	0	0	18	1397144	3	126741	35	3854598
<b>TOTAL-----</b>	<b>69</b>	<b>2249768</b>	<b>152</b>	<b>996018</b>	<b>8</b>	<b>2391</b>	<b>80</b>	<b>1777583</b>	<b>118</b>	<b>434327</b>	<b>238</b>	<b>5460086</b>
<b>PARTNERSHIP:</b>												
UP TO 999 TONS----	0	0	9	2189	3	78	7	2365	12	4332	15	8964
1,000-9,999 TONS--	9	1691	35	32551	3	156	15	15431	47	114906	54	164734
10,000-24,999 TONS--	0	0	0	0	0	0	0	0	1	16130	1	16130
25,000-49,999 TONS--	0	0	0	0	0	0	1	53926	0	0	1	53925
50,000 TONS AND UP--	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL-----</b>	<b>9</b>	<b>1691</b>	<b>44</b>	<b>34740</b>	<b>6</b>	<b>235</b>	<b>24</b>	<b>71722</b>	<b>59</b>	<b>135368</b>	<b>72</b>	<b>243755</b>
<b>SINGLE OWNER:</b>												
UP TO 999 TONS----	0	0	10	1611	0	0	0	0	10	3576	14	5186
1,000-9,999 TONS--	11	15400	27	41517	1	246	7	17093	45	104229	62	178485
10,000-24,999 TONS--	0	0	0	0	0	0	1	28985	1	11863	2	40848
25,000-49,999 TONS--	0	0	0	0	0	0	1	36296	0	0	1	36295
50,000 TONS AND UP--	0	0	0	0	0	0	6	414501	3	67462	6	481963
<b>TOTAL-----</b>	<b>11</b>	<b>15400</b>	<b>37</b>	<b>43127</b>	<b>1</b>	<b>246</b>	<b>15</b>	<b>496875</b>	<b>59</b>	<b>187129</b>	<b>86</b>	<b>742779</b>
<b>COOPERATIVE:</b>												
UP TO 999 TONS----	3	358	9	3893	0	0	1	389	12	7383	18	12022
1,000-9,999 TONS--	0	0	32	51559	0	0	0	0	54	114060	56	165619
10,000-24,999 TONS--	0	0	1	23534	0	0	1	16831	1	1207	2	41572
25,000-49,999 TONS--	0	0	0	0	0	0	0	0	0	0	0	0
50,000 TONS AND UP--	8	670965	4	24554	0	0	4	112984	1	5794	9	814297
<b>TOTAL-----</b>	<b>11</b>	<b>671323</b>	<b>46</b>	<b>103540</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>130204</b>	<b>68</b>	<b>128444</b>	<b>86</b>	<b>1033510</b>
<b>TOTAL:</b>												
UP TO 999 TONS----	8	940	36	10272	3	78	14	6018	44	19000	66	36308
1,000-9,999 TONS--	41	113703	192	306524	7	1771	54	121130	235	561578	305	1104705
10,000-24,999 TONS--	17	118352	29	225689	5	1023	24	258769	19	104693	47	708525
25,000-49,999 TONS--	8	130435	7	183460	0	0	6	165838	0	0	14	479733
50,000 TONS AND UP--	25	2574752	14	451480	0	0	27	1924629	7	199997	50	5150859
<b>TOTAL-----</b>	<b>99</b>	<b>2938182</b>	<b>279</b>	<b>1177424</b>	<b>15</b>	<b>2872</b>	<b>125</b>	<b>2476384</b>	<b>305</b>	<b>885268</b>	<b>482</b>	<b>7480130</b>

APPENDIX TABLE 56.--DISTRIBUTION: DRY FORMULA FEED, BY METHOD, OWNERSHIP, AND SIZE INTERVAL, SOUTHEAST REGION, 1975

OWNERSHIP AND SIZE INTERVAL	WHOLESALE		RETAIL		CUSTOM FEEDING		OWN LIVESTOCK		CUSTOM GRIND AND MIX		TOTAL	
	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS
-NUMBER-												
<b>CORPORATION:</b>												
UP TO 999 TONS----	3	120	17	6086	0	0	12	2211	10	1954	29	10371
1,000-9,999 TONS--	20	18055	49	93906	5	4648	31	78629	46	93392	89	288629
10,000-24,999 TONS--	28	271944	32	257466	1	399	26	278922	8	19599	53	828329
25,000-49,999 TONS--	21	440663	16	319146	3	77737	12	378996	9	166686	39	1383228
50,000 TONS AND UP--	21	1494538	12	641635	0	0	28	2496873	2	258125	43	4891171
<b>TOTAL-----</b>	<b>93</b>	<b>2225320</b>	<b>126</b>	<b>1318238</b>	<b>9</b>	<b>82783</b>	<b>109</b>	<b>3235631</b>	<b>76</b>	<b>539756</b>	<b>253</b>	<b>7401729</b>
<b>PARTNERSHIP:</b>												
UP TO 999 TONS----	0	0	1	1101	0	0	0	0	1	856	3	1957
1,000-9,999 TONS--	0	0	6	12150	0	0	5	5097	3	1408	10	18656
10,000-24,999 TONS--	0	0	1	26579	0	0	1	266	1	1329	1	28174
25,000-49,999 TONS--	0	0	1	26545	0	0	1	29091	0	0	1	55636
50,000 TONS AND UP--	0	0	1	19636	0	0	1	176727	0	0	1	196364
<b>TOTAL-----</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>86012</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>211181</b>	<b>5</b>	<b>3593</b>	<b>17</b>	<b>300786</b>
<b>SINGLE OWNER:</b>												
UP TO 999 TONS----	0	0	11	2876	0	0	17	8532	10	4536	30	15944
1,000-9,999 TONS--	8	3222	31	59248	1	436	12	18153	26	56251	41	137310
10,000-24,999 TONS--	0	0	0	0	1	8976	3	30545	0	0	3	39521
25,000-49,999 TONS--	0	0	1	2658	0	0	1	47178	3	56427	3	106263
50,000 TONS AND UP--	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL-----</b>	<b>8</b>	<b>3222</b>	<b>43</b>	<b>64783</b>	<b>3</b>	<b>9412</b>	<b>33</b>	<b>104408</b>	<b>39</b>	<b>117213</b>	<b>77</b>	<b>299039</b>
<b>COOPERATIVE:</b>												
UP TO 999 TONS----	0	0	12	1446	0	0	0	0	12	4632	12	6078
1,000-9,999 TONS--	0	0	1	2322	0	0	0	0	10	8486	10	10808
10,000-24,999 TONS--	1	26579	5	53146	0	0	0	0	1	2405	6	82130
25,000-49,999 TONS--	1	33224	2	64126	0	0	1	43389	0	0	4	140738
50,000 TONS AND UP--	7	276701	1	15828	0	0	9	875902	1	24813	11	1193244
<b>TOTAL-----</b>	<b>10</b>	<b>336503</b>	<b>21</b>	<b>136867</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>919291</b>	<b>25</b>	<b>40336</b>	<b>43</b>	<b>1432998</b>
<b>TOTAL:</b>												
UP TO 999 TONS----	3	120	41	11509	0	0	29	10744	34	11977	73	34350
1,000-9,999 TONS--	28	21277	87	167627	6	5084	49	101879	85	159537	150	455404
10,000-24,999 TONS--	30	298523	38	337191	3	9375	30	309733	11	23334	63	978155
25,000-49,999 TONS--	22	473887	21	412475	3	77737	16	498654	11	223113	48	1685865
50,000 TONS AND UP--	28	1771239	15	677099	0	0	38	3549503	3	282938	55	6280779
<b>TOTAL-----</b>	<b>111</b>	<b>2565046</b>	<b>201</b>	<b>1605901</b>	<b>12</b>	<b>92196</b>	<b>163</b>	<b>4470511</b>	<b>144</b>	<b>700898</b>	<b>390</b>	<b>9434552</b>

APPENDIX TABLE 57.--DISTRIBUTION: DRY FORMULA FEED, BY METHOD, OWNERSHIP, AND SIZE INTERVAL, DELTA REGION, 1975

OWNERSHIP AND SIZE INTERVAL	WHOLESALE		RETAIL		CUSTOM FEEDING		OWN LIVESTOCK		CUSTOM GRIND AND MIX		TOTAL	
	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS
NUMBER												
.												
CORPORATION:												
UP TO 999 TONS--	0	0	3	388	3	1181	3	169	0	0	3	1738
1,000-9,999 TONS--	20	55140	35	72991	5	5484	21	68242	15	26679	51	228536
10,000-24,999 TONS--	4	32188	3	35408	1	21967	7	89441	0	0	11	179003
25,000-49,999 TONS--	3	85391	3	18353	0	0	7	273784	0	0	9	377528
50,000 TONS AND UP--	13	674518	7	54535	1	2406	33	2896517	0	0	36	3627976
TOTAL-----	40	847238	50	181676	11	31038	71	3328152	15	26679	111	4414782
PARTNERSHIP:												
UP TO 999 TONS--	0	0	5	763	0	0	0	0	5	1441	5	2204
1,000-9,999 TONS--	3	1013	12	16633	3	10530	3	3443	14	25916	18	57534
10,000-24,999 TONS--	0	0	0	0	0	0	0	0	0	0	0	0
25,000-49,999 TONS--	0	0	0	0	0	0	3	81388	0	0	3	81388
50,000 TONS AND UP--	0	0	1	10101	1	49065	3	222158	1	19891	4	301216
TOTAL-----	3	1013	18	27497	5	59595	9	306989	20	47248	29	442341
SINGLE OWNER:												
UP TO 999 TONS--	1	513	0	0	0	0	0	0	0	0	1	513
1,000-9,999 TONS--	3	651	20	76871	0	0	3	8343	8	16166	23	102031
10,000-24,999 TONS--	0	0	3	18601	1	663	3	21284	3	6746	4	47294
25,000-49,999 TONS--	0	0	0	0	0	0	0	0	0	0	0	0
50,000 TONS AND UP--	0	0	0	0	0	0	1	125683	0	0	1	125683
TOTAL-----	4	1163	23	95472	1	663	7	155310	11	22912	29	275521
COOPERATIVE:												
UP TO 999 TONS--	0	0	0	0	0	0	0	0	0	0	0	0
1,000-9,999 TONS--	0	0	13	33477	0	0	0	0	7	4341	13	37818
10,000-24,999 TONS--	0	0	0	0	0	0	0	0	0	0	0	0
25,000-49,999 TONS--	5	188486	3	16443	0	0	3	13306	0	0	5	218235
50,000 TONS AND UP--	5	211186	1	29161	0	0	8	501696	0	0	9	742042
TOTAL-----	11	399672	17	79081	0	0	10	515002	7	4341	27	998095
TOTAL:												
UP TO 999 TONS--	1	513	8	1151	3	1181	3	169	5	1441	9	4455
1,000-9,999 TONS--	26	56803	80	199972	9	16014	27	80027	44	73101	105	425919
10,000-24,999 TONS--	4	32188	5	54009	3	22630	9	110724	3	6746	15	226297
25,000-49,999 TONS--	8	273877	5	34796	0	0	12	368478	0	0	17	677151
50,000 TONS AND UP--	19	885704	9	93797	3	51471	45	3746054	1	19891	50	4796917
TOTAL-----	58	1249085	108	383725	17	91296	96	4305453	52	101180	196	6130739

APPENDIX TABLE 58.--DISTRIBUTION: DRY FORMULA FEED, BY METHOD, OWNERSHIP, AND SIZE INTERVAL, SOUTHERN PLAINS, 1975

OWNERSHIP AND SIZE INTERVAL	WHOLESALE		RETAIL		CUSTOM FEEDING		OWN LIVESTOCK		CUSTOM GRIND AND MIX		TOTAL	
	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS
NUMBER												
C												
CORPORATION:												
UP TO 999 TONS----	0	0	11	2956	4	610	7	1151	18	6139	22	10855
1,000-9,999 TONS--	21	36310	74	239714	7	22753	17	50826	48	77116	98	426719
10,000-24,999 TONS-	18	115079	24	244131	11	151981	14	125427	11	59775	43	696392
25,000-49,999 TONS-	26	582403	23	494759	4	151570	12	305284	3	1659	43	1535675
50,000 TONS AND UP-	27	2141324	20	519414	28	2624471	26	1661096	5	146491	66	7092795
TOTAL-----	91	2875115	152	1500973	54	2951385	75	2143784	85	291179	271	9762435
PARTNERSHIP:												
UP TO 999 TONS----	0	0	8	2979	0	0	5	546	8	2337	9	5862
1,000-9,999 TONS--	5	1424	18	76659	7	26619	22	23689	18	26008	34	154399
10,000-24,999 TONS-	0	0	0	0	0	0	4	71542	0	0	4	71542
25,000-49,999 TONS-	0	0	1	815	1	49597	3	97699	0	0	4	148112
50,000 TONS AND UP-	0	0	0	0	3	166283	3	203436	0	0	4	369720
TOTAL-----	5	1424	27	80453	11	242499	36	396913	26	28345	55	749635
SINGLE OWNER:												
UP TO 999 TONS----	0	0	7	4495	3	1353	0	0	9	4390	18	10238
1,000-9,999 TONS--	3	2683	35	85307	5	8953	22	45230	31	73592	61	215764
10,000-24,999 TONS-	0	0	13	180938	3	27640	8	95533	9	70112	23	374223
25,000-49,999 TONS-	3	19574	3	47161	4	86220	5	51399	1	19024	7	223378
50,000 TONS AND UP-	0	0	4	175384	5	470091	0	0	0	0	5	645474
TOTAL-----	5	22258	62	493285	20	594256	35	192162	51	167117	113	1469078
COOPERATIVE:												
UP TO 999 TONS----	0	0	0	0	0	0	0	0	0	0	0	0
1,000-9,999 TONS--	1	11252	19	58273	0	0	0	0	15	33890	23	103415
10,000-24,999 TONS-	1	29894	1	18272	0	0	0	0	1	15333	4	63500
25,000-49,999 TONS-	1	37874	4	124968	0	0	0	0	0	0	4	162843
50,000 TONS AND UP-	1	7762	3	111212	1	31344	1	20896	0	0	3	171213
TOTAL-----	5	86783	27	312725	1	31344	1	20896	16	49223	33	500971
TOTAL:												
UP TO 999 TONS----	0	0	26	10430	7	1963	12	1697	35	12866	49	26955
1,000-9,999 TONS--	31	51669	145	459953	19	58324	61	119745	112	210606	215	900298
10,000-24,999 TONS-	19	144973	39	443341	13	179621	26	292502	21	145220	74	1205657
25,000-49,999 TONS-	30	639852	31	667703	9	287387	20	454382	4	20683	58	2070007
50,000 TONS AND UP-	28	2149085	27	806009	38	3292189	30	1885429	5	146491	78	8279203
TOTAL-----	107	2985579	268	2387437	86	3819484	148	2753754	178	535865	473	12482120

APPENDIX TABLE 59.--DISTRIBUTION: DRY FORMULA FEED, BY METHOD, OWNERSHIP, AND SIZE INTERVAL, MOUNTAIN REGION, 1975

OWNERSHIP AND SIZE INTERVAL	WHOLESALE		RETAIL		CUSTOM FEEDING		OWN LIVESTOCK		CUSTOM GRIND AND MIX		TOTAL	
	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS
- - - - - NUMBER - - - - -												
<b>CORPORATION:</b>												
UP TO 999 TONS----:	0	0	8	3029	0	0	5	2543	5	792	12	6364
1,000-9,999 TONS--:	19	23436	65	228272	21	48516	33	126292	34	81524	99	508040
10,000-24,999 TONS--:	10	51930	15	175628	10	56346	13	104588	6	8032	26	396524
25,000-49,999 TONS--:	13	223553	19	294384	11	237200	12	76800	6	112067	27	944004
50,000 TONS AND UP--:	4	274049	14	1070124	15	962045	13	2172654	7	104717	30	4583589
<b>TOTAL-----:</b>	<b>46</b>	<b>572968</b>	<b>121</b>	<b>1771437</b>	<b>57</b>	<b>1804107</b>	<b>75</b>	<b>2482878</b>	<b>58</b>	<b>307132</b>	<b>195</b>	<b>6438521</b>
<b>PARTNERSHIP:</b>												
UP TO 999 TONS----:	0	0	1	1053	0	0	0	0	0	0	1	1053
1,000-9,999 TONS--:	0	0	3	3167	3	12013	4	18575	5	12967	9	46721
10,000-24,999 TONS--:	2	16087	3	25134	0	0	2	3516	0	0	3	44737
25,000-49,999 TONS--:	0	0	0	0	0	0	2	62400	0	0	2	62400
50,000 TONS AND UP--:	0	0	0	0	0	0	3	429000	0	0	3	429000
<b>TOTAL-----:</b>	<b>2</b>	<b>16087</b>	<b>8</b>	<b>29354</b>	<b>3</b>	<b>12013</b>	<b>11</b>	<b>513491</b>	<b>5</b>	<b>12967</b>	<b>18</b>	<b>583911</b>
<b>SINGLE OWNER:</b>												
UP TO 999 TONS----:	0	0	6	4200	1	840	4	585	9	1891	13	7516
1,000-9,999 TONS--:	1	2380	8	13689	1	7020	1	2250	4	2340	8	27679
10,000-24,999 TONS--:	0	0	5	52130	2	16087	2	36000	2	8043	7	112261
25,000-49,999 TONS--:	0	0	0	0	0	0	3	121000	0	0	3	121000
50,000 TONS AND UP--:	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL-----:</b>	<b>1</b>	<b>2380</b>	<b>19</b>	<b>70020</b>	<b>4</b>	<b>23947</b>	<b>10</b>	<b>159835</b>	<b>15</b>	<b>12275</b>	<b>31</b>	<b>268456</b>
<b>COOPERATIVE:</b>												
UP TO 999 TONS----:	0	0	6	4343	0	0	0	0	13	7106	13	11449
1,000-9,999 TONS--:	11	13741	18	36861	2	6885	0	0	17	26608	20	84095
10,000-24,999 TONS--:	6	32493	9	95560	0	0	0	0	2	7200	9	135253
25,000-49,999 TONS--:	3	44686	2	28286	0	0	3	78400	2	857	5	152229
50,000 TONS AND UP--:	1	1125	2	150234	0	0	0	0	1	4575	2	155934
<b>TOTAL-----:</b>	<b>21</b>	<b>92045</b>	<b>38</b>	<b>315282</b>	<b>2</b>	<b>6885</b>	<b>3</b>	<b>78400</b>	<b>35</b>	<b>46346</b>	<b>49</b>	<b>538959</b>
<b>TOTAL:</b>												
UP TO 999 TONS----:	0	0	21	12624	1	840	9	3128	27	9789	40	26382
1,000-9,999 TONS--:	31	39557	94	281989	27	74434	38	147117	60	123439	136	666536
10,000-24,999 TONS--:	18	100510	33	348452	11	72433	16	144104	10	23275	46	688775
25,000-49,999 TONS--:	16	268238	21	322670	11	237200	20	338600	7	112924	36	1279633
50,000 TONS AND UP--:	5	275174	17	1220357	15	962045	16	2601654	8	109293	35	5168523
<b>TOTAL-----:</b>	<b>70</b>	<b>683480</b>	<b>186</b>	<b>2186093</b>	<b>66</b>	<b>1346952</b>	<b>99</b>	<b>3234604</b>	<b>112</b>	<b>378720</b>	<b>294</b>	<b>7829848</b>

APPENDIX TABLE 60.--DISTRIBUTION: DRY FORMULA FEED, BY METHOD, OWNERSHIP, AND SIZE INTERVAL, PACIFIC REGION, 1975

OWNERSHIP AND SIZE INTERVAL	WHOLESALE		RETAIL		CUSTOM FEEDING		OWN LIVESTOCK		CUSTOM GRIND AND MIX		TOTAL	
	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS
	NUMBER											
<b>CORPORATION:</b>												
UP TO 999 TONS----	0	0	0	0	0	0	0	0	0	0	0	0
1,000-9,999 TONS--	9	7209	19	55808	1	9154	14	75289	15	17584	33	165045
10,000-24,999 TONS-	17	78032	25	272731	6	68047	5	47918	11	46715	29	513443
25,000-49,999 TONS--	20	192863	27	719480	3	104869	12	206317	5	24568	36	1248098
50,000 TONS AND UP--	20	413450	30	2225308	12	677436	19	1620045	5	52373	51	4988612
<b>TOTAL-----</b>	<b>67</b>	<b>691555</b>	<b>100</b>	<b>3273328</b>	<b>23</b>	<b>859506</b>	<b>50</b>	<b>1949569</b>	<b>35</b>	<b>141240</b>	<b>149</b>	<b>6915193</b>
<b>PARTNERSHIP:</b>												
UP TO 999 TONS----	0	0	0	0	0	0	3	2133	0	0	3	2133
1,000-9,999 TONS--	9	8485	9	22509	6	15257	4	23490	14	18145	18	87886
10,000-24,999 TONS-	2	7639	3	14439	8	124509	2	23519	2	7840	11	177944
25,000-49,999 TONS--	0	0	0	0	2	50173	0	0	0	0	2	50173
50,000 TONS AND UP--	2	274121	0	0	0	0	3	594862	0	0	5	868983
<b>TOTAL-----</b>	<b>12</b>	<b>290245</b>	<b>12</b>	<b>36947</b>	<b>16</b>	<b>189939</b>	<b>12</b>	<b>644004</b>	<b>15</b>	<b>25984</b>	<b>38</b>	<b>1187119</b>
<b>SINGLE OWNER:</b>												
UP TO 999 TONS----	0	0	0	0	0	0	0	0	0	0	0	0
1,000-9,999 TONS--	0	0	0	0	6	14352	4	11981	11	13375	16	39708
10,000-24,999 TONS-	3	6400	4	41411	2	7840	3	24773	1	330	7	80753
25,000-49,999 TONS--	0	0	0	0	0	0	0	0	0	0	0	0
50,000 TONS AND UP--	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL-----</b>	<b>3</b>	<b>6400</b>	<b>4</b>	<b>41411</b>	<b>8</b>	<b>22191</b>	<b>8</b>	<b>36754</b>	<b>13</b>	<b>13705</b>	<b>23</b>	<b>120461</b>
<b>COOPERATIVE:</b>												
UP TO 999 TONS----	3	853	3	1067	0	0	0	0	0	0	3	1920
1,000-9,999 TONS--	6	11090	6	23171	0	0	0	0	3	10036	7	44297
10,000-24,999 TONS-	3	31394	5	58309	0	0	0	0	1	877	6	90579
25,000-49,999 TONS--	0	0	3	112643	0	0	0	0	0	0	3	112643
50,000 TONS AND UP--	2	290062	9	909835	0	0	0	0	0	0	11	1199897
<b>TOTAL-----</b>	<b>13</b>	<b>333398</b>	<b>25</b>	<b>1105025</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>10913</b>	<b>29</b>	<b>1449335</b>
<b>TOTAL:</b>												
UP TO 999 TONS----	3	853	3	1067	0	0	3	2133	0	0	5	4053
1,000-9,999 TONS--	23	26784	33	101488	14	38763	23	110760	43	59141	74	336936
10,000-24,999 TONS-	24	123464	36	386889	16	200395	9	96210	15	55761	54	862720
25,000-49,999 TONS--	20	192863	29	832123	5	155042	12	206317	5	24568	40	1410914
50,000 TONS AND UP--	23	977633	39	3135143	12	677436	22	2214907	5	52373	67	7057491
<b>TOTAL-----</b>	<b>94</b>	<b>1321598</b>	<b>141</b>	<b>4456711</b>	<b>47</b>	<b>1071636</b>	<b>69</b>	<b>2630327</b>	<b>67</b>	<b>191842</b>	<b>239</b>	<b>9672113</b>

APPENDIX TABLE 61.--DISTRIBUTION: DRY FORMULA FEED, BY METHOD, OWNERSHIP, AND SIZE INTERVAL, UNITED STATES, 1975

OWNERSHIP AND SIZE INTERVAL	WHOLESALE		RETAIL		CUSTOM FEEDING		OWN LIVESTOCK		CUSTOM GRIND AND MIX		TOTAL	
	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS
	- NUMBER -											
<b>CORPORATION:</b>												
UP TO 999 TONS----	24	4974	159	50676	13	2371	48	13994	150	58753	262	130767
1,000-9,999 TONS--	280	600141	1085	2647449	90	165904	296	762395	1054	2731049	1703	6906938
10,000-24,999 TONS--	217	1652228	354	2976131	57	516311	155	1351486	214	1637449	544	8133605
25,000-49,999 TONS--	169	3635937	172	3222640	39	1025201	90	1705419	55	839766	301	10428962
50,000 TONS AND UP--	187	12905145	137	6165735	76	6261248	178	15829436	45	2199346	409	43360911
<b>TOTAL-----</b>	<b>877</b>	<b>18798425</b>	<b>1906</b>	<b>15062631</b>	<b>274</b>	<b>7971036</b>	<b>768</b>	<b>19662730</b>	<b>1517</b>	<b>7466362</b>	<b>3219</b>	<b>68961184</b>
<b>PARTNERSHIP:</b>												
UP TO 999 TONS----	3	53	43	15296	3	78	20	7717	55	21909	71	45053
1,000-9,999 TONS--	33	23477	194	417254	32	74764	89	163588	200	505133	313	1184217
10,000-24,999 TONS--	10	37567	29	204281	8	124509	14	124089	22	261469	47	751915
25,000-49,999 TONS--	0	0	3	27361	4	138908	10	324504	0	0	14	490773
50,000 TONS AND UP--	2	274121	6	98511	4	215349	13	1626183	9	1197488	26	3411652
<b>TOTAL-----</b>	<b>47</b>	<b>335218</b>	<b>274</b>	<b>762703</b>	<b>52</b>	<b>553607</b>	<b>146</b>	<b>2246081</b>	<b>286</b>	<b>1985999</b>	<b>471</b>	<b>5883609</b>
<b>SINGLE OWNER:</b>												
UP TO 999 TONS----	8	947	79	25973	14	4234	39	13176	142	55141	202	99471
1,000-9,999 TONS--	46	35514	381	802896	43	43261	102	222572	499	1338578	675	2442820
10,000-24,999 TONS--	7	47716	57	454250	10	66367	22	268719	47	441183	89	1278234
25,000-49,999 TONS--	5	114645	6	98433	4	86220	13	326873	4	75451	18	701621
50,000 TONS AND UP--	2	169545	11	741446	7	551274	11	1988608	7	477213	27	3928087
<b>TOTAL-----</b>	<b>68</b>	<b>368367</b>	<b>533</b>	<b>2122997</b>	<b>78</b>	<b>751357</b>	<b>187</b>	<b>2819947</b>	<b>699</b>	<b>2387565</b>	<b>1010</b>	<b>8450233</b>
<b>COOPERATIVE:</b>												
UP TO 999 TONS----	6	1211	133	46551	3	502	1	389	161	72256	211	120909
1,000-9,999 TONS--	60	75391	654	1560512	26	40510	8	4747	769	2266794	1011	3947955
10,000-24,999 TONS--	35	302024	153	1294606	6	81630	7	32253	148	1374525	221	3085038
25,000-49,999 TONS--	42	1047647	54	1103604	5	51243	11	138182	37	642882	87	2983553
50,000 TONS AND UP--	52	3888037	38	2106152	5	84260	24	1550741	23	2386836	94	10016025
<b>TOTAL-----</b>	<b>194</b>	<b>5314310</b>	<b>1033</b>	<b>6111425</b>	<b>46</b>	<b>258145</b>	<b>52</b>	<b>1726311</b>	<b>1139</b>	<b>6743293</b>	<b>1623</b>	<b>20153485</b>
<b>TOTAL:</b>												
UP TO 999 TONS----	41	7185	413	138495	33	7185	109	35275	507	208058	746	396199
1,000-9,999 TONS--	418	734523	2314	5428111	191	324440	495	1153302	2522	6841554	3700	14481930
10,000-24,999 TONS--	268	2039536	593	4929268	81	788818	199	1776546	431	3714626	901	13248793
25,000-49,999 TONS--	216	4798229	235	4452037	52	1301572	124	2494978	96	1558098	420	14604914
50,000 TONS AND UP--	243	17236848	192	9111845	92	7112131	226	20994969	84	6260883	556	60716675
<b>TOTAL-----</b>	<b>1186</b>	<b>24816321</b>	<b>3747</b>	<b>24059756</b>	<b>450</b>	<b>9534145</b>	<b>1153</b>	<b>26455070</b>	<b>3641</b>	<b>18583220</b>	<b>6323</b>	<b>103448512</b>

APPENDIX TABLE 62.--DISTRIBUTION: DRY FORMULA FEED, BY METHOD AND SIZE INTERVAL, UNITED STATES, 1975

SIZE INTERVAL	WHOLESALE		RETAIL		CUSTOM FEEDING		OWN LIVESTOCK		CUSTOM GRIND AND MIX		TOTAL	
	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS
NUMBER												
UP TO 999 TONS---	41.	7185.	413.	138495.	33.	7185.	109.	35275.	507.	208058.	746.	396199.
1,000-9,999 TONS--	418.	734523.	2314.	5428111.	191.	324440.	495.	1153302.	2522.	6841554.	3700.	14481930.
10,000-24,999 TONS--	268.	2039536.	593.	4929268.	81.	788818.	199.	1776546.	431.	3714626.	901.	13248793.
25,000-49,999 TONS--	216.	4798229.	235.	4452037.	52.	1301572.	124.	2494978.	96.	1558098.	420.	14604914.
50,000 TONS AND UP--	243.	17236848.	192.	9111845.	92.	7112131.	226.	20994969.	84.	6260883.	556.	60716676.
U.S. TOTAL-----	1186.	24816321.	3747.	24059756.	450.	9534145.	1153.	26455070.	3641.	18583220.	6323.	103448512.

## PERCENT DISTRIBUTION (COLUMN)

UP TO 999 TONS---	3.4	0.0	11.0	0.6	7.4	0.1	9.4	0.1	13.9	1.1	11.8	0.4
1,000-9,999 TONS--	35.3	3.0	61.7	22.6	42.5	3.4	42.9	4.4	69.3	36.8	58.5	14.0
10,000-24,999 TONS--	22.6	8.2	15.8	20.5	18.0	8.3	17.3	6.7	11.8	20.0	14.2	12.8
25,000-49,999 TONS--	18.2	19.3	6.3	18.5	11.7	13.7	10.8	9.4	2.6	8.4	6.6	14.1
50,000 TONS AND UP--	20.5	69.5	5.1	37.9	20.5	74.6	19.6	79.4	2.3	33.7	8.8	58.7
U.S. TOTAL-----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

## PERCENT DISTRIBUTION (ROW)

UP TO 999 TONS---	5.5	1.8	55.4	35.0	4.5	1.8	14.6	8.9	68.0	52.5	100.0	100.0
1,000-9,999 TONS--	11.3	5.1	62.5	37.5	5.2	2.2	13.4	8.0	68.2	47.2	100.0	100.0
10,000-24,999 TONS--	29.7	15.4	65.8	37.2	9.0	6.0	22.1	13.4	47.8	28.0	100.0	100.0
25,000-49,999 TONS--	51.5	32.9	56.1	30.5	12.5	8.9	29.7	17.1	22.9	10.7	100.0	100.0
50,000 TONS AND UP--	43.6	28.4	34.4	15.0	16.5	11.7	40.6	34.6	15.2	10.3	100.0	100.0
U.S. TOTAL-----	18.8	24.0	59.3	23.3	7.1	9.2	18.2	25.6	57.6	18.0	100.0	100.0

APPENDIX TABLE 63.--DISTRIBUTION: DRY FORMULA FEED, BY METHOD AND OWNERSHIP, UNITED STATES, 1975

OWNERSHIP	WHOLESALE		RETAIL		CUSTOM FEEDING		OWN LIVESTOCK		CUSTOM GRIND AND MIX		TOTAL	
	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS
	-NUMBER-											
CORPORATIONS-----	877.	18798425.	1906.	15062631.	274.	7971036.	768.	19662730.	1517.	7466362.	3219.	68961184.
PARTNERSHIPS-----	47.	335218.	274.	762703.	52.	553607.	146.	2246081.	286.	1985999.	471.	5883609.
SINGLE OWNER-----	68.	368367.	533.	2122997.	78.	751357.	187.	2819947.	699.	2387565.	1010.	8450233.
COOPERATIVES-----	194.	5314310.	1033.	6111425.	46.	258145.	52.	1726311.	1139.	6743293.	1623.	20153486.
U.S. TOTAL-----	1186.	24816321.	3747.	24059756.	450.	9534145.	1153.	26455070.	3641.	18583220.	6323.	103448512.
PERCENT DISTRIBUTION (COLUMN)												
CORPORATIONS-----	74.0	75.8	50.9	62.6	61.0	83.6	66.6	74.3	41.7	40.2	50.9	66.7
PARTNERSHIPS-----	4.0	1.4	7.3	3.2	11.5	5.8	12.7	8.5	7.6	10.7	7.4	5.7
SINGLE OWNER-----	5.7	1.5	14.2	8.8	17.4	7.9	16.2	10.7	19.2	12.8	16.0	8.2
COOPERATIVES-----	16.4	21.4	27.6	25.4	10.1	2.7	4.5	6.5	31.3	36.3	25.7	19.5
U.S. TOTAL-----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
PERCENT DISTRIBUTION (ROW)												
CORPORATIONS-----	27.2	27.3	59.2	21.8	8.5	11.6	23.9	28.5	47.1	10.8	100.0	100.0
PARTNERSHIPS-----	10.0	5.7	58.2	13.0	11.0	9.4	31.1	38.2	60.7	33.8	100.0	100.0
SINGLE OWNER-----	6.7	4.4	52.8	25.1	7.7	8.9	18.5	33.4	69.2	28.3	100.0	100.0
COOPERATIVES-----	11.9	26.4	63.7	30.3	2.8	1.3	3.2	8.6	70.2	33.5	100.0	100.0
U.S. TOTAL-----	18.8	24.0	59.3	23.3	7.1	9.2	18.2	25.6	57.6	18.0	100.0	100.0

APPENDIX TABLE 64.--DISTRIBUTION: LIQUID FORMULA FEED, BY METHOD, OWNERSHIP, AND SIZE INTERVAL, UNITED STATES, 1975

OWNERSHIP AND SIZE INTERVAL	WHOLESALE		RETAIL		CUSTOM FEEDING		OWN LIVESTOCK		CUSTOM GRIND AND MIX		TOTAL 1/	
	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS
NUMBER												
CORPORATION:												
UP TO 999 TONS----	0	0	8	662	0	0	0	0	6	1593	14	2255
1,000-9,999 TONS--	8	6423	81	34754	1	185	8	2628	17	2321	100	46310
10,000-24,999 TONS--	11	63107	26	27460	0	0	0	0	3	157	36	90724
25,000-49,999 TONS--	26	121118	17	208390	3	4792	0	0	0	0	36	334300
50,000 TONS AND UP--	17	125542	9	12771	0	0	0	0	0	0	23	138314
TOTAL-----	62	316189	143	284037	4	4977	8	2628	25	4072	208	611903
PARTNERSHIP:												
UP TO 999 TONS----	0	0	2	602	0	0	0	0	1	405	2	1003
1,000-9,999 TONS--	0	0	15	4648	4	55	4	406	1	76	20	5185
10,000-24,999 TONS--	0	0	5	766	0	0	0	0	0	0	5	765
25,000-49,999 TONS--	0	0	0	0	0	0	0	0	0	0	0	0
50,000 TONS AND UP--	0	0	2	113657	0	0	0	0	0	0	2	113657
TOTAL-----	0	0	25	119674	4	55	4	406	2	481	29	120617
SINGLE OWNER:												
UP TO 999 TONS----	0	0	1	123	0	0	1	64	0	0	3	187
1,000-9,999 TONS--	1	2658	41	8545	3	335	0	0	11	4223	49	15761
10,000-24,999 TONS--	0	0	6	714	0	0	0	0	1	120	7	834
25,000-49,999 TONS--	0	0	0	0	0	0	0	0	0	0	0	0
50,000 TONS AND UP--	0	0	0	0	0	0	0	0	1	213	1	213
TOTAL-----	1	2658	48	9382	3	335	1	64	13	4556	60	16995
COOPERATIVE:												
UP TO 999 TONS----	0	0	5	166	0	0	0	0	5	370	8	535
1,000-9,999 TONS--	1	504	80	18165	3	385	0	0	30	8672	94	27725
10,000-24,999 TONS--	6	13473	27	19082	0	0	0	0	12	4858	42	37413
25,000-49,999 TONS--	4	5815	7	2834	2	1249	0	0	3	696	12	10594
50,000 TONS AND UP--	9	71586	1	184800	0	0	0	0	0	0	11	256385
TOTAL-----	20	91378	120	225047	4	1634	0	0	49	14595	167	332654
TOTAL:												
UP TO 999 TONS----	0	0	17	1553	0	0	1	64	12	2368	28	3985
1,000-9,999 TONS--	10	9584	217	66112	10	960	12	3034	59	15292	264	94982
10,000-24,999 TONS--	17	76580	65	48023	0	0	0	0	16	5135	90	129738
25,000-49,999 TONS--	30	126932	24	211224	4	6041	0	0	3	696	48	344893
50,000 TONS AND UP--	27	197129	12	311229	0	0	0	0	1	213	36	508570
TOTAL-----	83	410225	335	638140	15	7001	13	3098	90	23704	465	1082169

1/ SUMS OF NUMBERS OF ESTABLISHMENTS ARE GREATER THAN SHOWN IN THE TOTALS, BECAUSE MANY ESTABLISHMENTS USE MORE THAN ONE METHOD OF DISPOSITION.

APPENDIX TABLE 65.--DISTRIBUTION: LIQUID FORMULA FEED, BY METHOD AND SIZE INTERVAL, UNITED STATES, 1975

SIZE INTERVAL	WHOLESALE		RETAIL		CUSTOM FEEDING		OWN LIVESTOCK		CUSTOM GRIND AND MIX		TOTAL	
	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS
-NUMBER-												
UP TO 999 TONS-----	0.	0.	17.	1553.	0.	0.	1.	64.	12.	2368.	28.	3985.
1,000-9,999 TONS-----	10.	9584.	217.	66112.	10.	960.	12.	3034.	59.	15292.	264.	94982.
10,000-24,999 TONS-----	17.	76580.	65.	48023.	0.	0.	0.	0.	16.	5135.	90.	129738.
25,000-49,999 TONS-----	30.	126932.	24.	211224.	4.	6041.	0.	0.	3.	696.	48.	344893.
50,000 TONS AND UP-----	27.	197129.	12.	311229.	0.	0.	0.	0.	1.	213.	36.	508570.
U.S. TOTAL-----	83.	410225.	335.	638140.	15.	7001.	13.	3098.	90.	23704.	465.	1082169.
PERCENT DISTRIBUTION (COLUMN)												
UP TO 999 TONS-----	0.0	0.0	5.1	0.2	0.0	0.0	10.3	2.1	12.8	10.0	5.9	0.4
1,000-9,999 TONS-----	12.4	2.5	64.7	10.4	69.9	13.7	89.7	97.9	65.1	64.5	56.7	8.8
10,000-24,999 TONS-----	20.0	18.7	19.3	7.5	0.0	0.0	0.0	0.0	18.1	21.7	19.3	12.0
25,000-49,999 TONS-----	35.6	30.9	7.3	33.1	30.1	86.3	0.0	0.0	2.8	2.9	10.3	31.9
50,000 TONS AND UP-----	32.0	48.1	3.6	48.8	0.0	0.0	0.0	0.0	1.2	0.9	7.7	47.0
U.S. TOTAL-----	100.0	109.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
PERCENT DISTRIBUTION (ROW)												
UP TO 999 TONS-----	0.0	0.0	61.8	39.0	0.0	0.0	4.8	1.6	41.9	59.4	100.0	100.0
1,000-9,999 TONS-----	3.9	10.1	82.3	69.6	3.9	1.0	4.4	3.2	22.2	16.1	100.0	100.0
10,000-24,999 TONS-----	18.6	59.0	72.0	37.0	0.0	0.0	0.0	0.0	18.1	4.0	100.0	100.0
25,000-49,999 TONS-----	62.0	36.8	51.1	61.2	9.4	1.8	0.0	0.0	5.3	0.2	100.0	100.0
50,000 TONS AND UP-----	74.3	38.8	33.9	61.2	0.0	0.0	0.0	0.0	3.1	0.0	100.0	100.0
U.S. TOTAL-----	17.9	37.9	72.1	59.0	3.2	0.6	2.8	0.3	19.4	2.2	100.0	100.0

SB 596 (1970)

POSTHUMOUS

U.S.D.A. STATISTICAL BUREAU  
STRUCTURE OF THE FEED MANUFACTURING INDUSTRY, 1975: A STATISTICAL SUMMARY  
JR.

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APPENDIX TABLE 66.--DISTRIBUTION: LIQUID FORMULA FEED, BY METHOD AND OWNERSHIP, UNITED STATES, 1975

OWNERSHIP	WHOLESALE		RETAIL		CUSTOM FEEDING		OWN LIVESTOCK		CUSTOM GRIND AND MIX		TOTAL	
	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS
- - - - - NUMBER - - - - -												
CORPORATIONS-----	62.	316189.	143.	284037.	4.	4977.	8.	2628.	25.	4072.	208.	611903.
PARTNERSHIPS-----	0.	0.	25.	119674.	4.	55.	4.	406.	2.	481.	29.	120617.
SINGLE OWNER-----	1.	2658.	48.	9382.	3.	335.	1.	64.	13.	4556.	60.	16995.
COOPERATIVES-----	20.	91378.	120.	225047.	4.	1634.	0.	0.	49.	14595.	167.	332654.
U.S. TOTAL-----	83.	410225.	335.	638190.	15.	7001.	13.	3098.	90.	23704.	465.	1082169.

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	PERCENT DISTRIBUTION (COLUMN)											
CORPORATIONS-----	74.4	77.1	42.6	44.5	27.9	71.1	61.2	84.8	28.2	17.2	44.8	56.5
PARTNERSHIPS-----	0.0	0.0	7.3	18.8	24.8	0.8	28.5	13.1	2.7	2.0	6.3	11.1
SINGLE OWNER-----	1.6	0.6	14.3	1.5	19.6	4.8	10.3	2.1	14.8	19.2	12.9	1.6
COOPERATIVES-----	24.1	22.3	35.8	35.3	27.7	23.3	0.0	0.0	54.2	61.6	36.0	30.7
U.S. TOTAL-----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

	PERCENT DISTRIBUTION (ROW)											
CORPORATIONS-----	29.8	51.7	68.6	46.4	2.0	0.8	3.8	0.4	12.2	0.7	100.0	100.0
PARTNERSHIPS-----	0.0	0.0	83.2	99.2	12.5	0.0	12.5	0.3	8.4	0.4	100.0	100.0
SINGLE OWNER-----	2.2	15.6	79.8	55.2	4.8	2.0	2.2	0.4	22.3	26.8	100.0	100.0
COOPERATIVES-----	12.0	27.5	71.8	67.7	2.5	0.5	0.0	0.0	29.2	4.4	100.0	100.0
U.S. TOTAL-----	17.9	37.9	72.1	59.0	3.2	0.6	2.8	0.3	19.4	2.2	100.0	100.0

APPENDIX TABLE 67.--FORMULA FEED: RATED WEEKLY CAPACITY TO PRODUCE SPECIFIED FORMS OF FEED, BY STATE AND REGION, 1975 1/

STATE AND REGION	STATIONARY			MOBILE 2/	TOTAL CAPACITY 3/
	REAL	PELLETS	BLOCKS		
TONS					
MAINE-----	11448	5207	0	0	11448
NEW HAMPSHIRE	4683	2708	0	0	4683
VERMONT-----	13659	9393	0	0	13659
MASSACHUSETTS	7375	5203	0	0	7375
CONNECTICUT	3720	2175	0	0	3720
NEW YORK-----	59818	21650	0	2165	71582
NEW JERSEY-----	10973	3667	0	623	11597
PENNSYLVANIA	67604	18627	36	7840	75444
DELAWARE	16923	10867	0	521	17244
MARYLAND-----	31943	11872	0	432	32375
NORTHEAST-----	237747	89389	36	11382	249129
MICHIGAN-----	36954	3551	0	450	37419
WISCONSIN-----	180956	7142	508	11307	192263
MINNESOTA-----	91759	14901	190	7451	59210
LAKE STATES-----	309679	25595	698	19208	328867
OHIO-----	76335	8455	92	1824	78159
INDIANA-----	110650	12847	78	2137	112787
ILLINOIS-----	118756	19473	209	1299	112055
LOWA-----	196921	37096	1343	7703	284629
MISSOURI-----	78974	17965	1081	1138	72111
CORN BELT-----	545636	95835	2804	14099	579736
NORTH DAKOTA	10919	2629	34	1373	12292
SOUTH DAKOTA	37230	5856	885	761	37990
NEBRASKA-----	80987	23590	803	5934	86920
KANSAS-----	158836	14422	437	13451	152287
NORTHERN PLAINS-----	267971	46497	2157	21518	209489
VIRGINIA-----	22564	9596	0	1425	23789
WEST VIRGINIA-----	1950	0	0	0	1950
NORTH CAROLINA-----	66852	24967	0	573	47425
KENTUCKY-----	22613	4534	213	450	23063
TENNESSEE-----	38979	19866	549	1240	40220
APPALACHIAN-----	152756	58943	749	3689	156447
SOUTH CAROLINA-----	17190	1467	0	49	17238
GEORGIA-----	85619	27602	186	1894	87513
FLORIDA-----	43952	7891	184	0	43552
ALABAMA-----	49625	22528	0	291	49916
SOUTHEAST-----	195986	59488	370	2234	198219
MISSISSIPPI-----	36697	13596	64	0	36697
ARKANSAS-----	57767	25826	0	0	57767
LOUISIANA-----	15936	6316	42	0	15936
DELTA STATES-----	110401	45738	106	0	110401
OKLAHOMA-----	54494	14436	498	3923	58417
TEXAS-----	180410	50255	3362	1174	181584
SOUTHERN PLAINS-----	234904	64601	3860	5097	240001
MONTANA-----	13897	5692	940	0	13897
IDAHO-----	19526	5452	241	0	19526
Wyoming-----	3285	638	0	0	3285
COLORADO-----	67330	9590	175	0	67330
NEW MEXICO-----	12482	3922	616	0	12482
ARIZONA-----	29335	2722	619	0	29335
UTAH-----	11974	3541	1406	225	12199
NEVADA-----	3115	1050	0	0	3115
MOUNTAIN-----	160944	32606	3997	225	161169
WASHINGTON-----	20740	9926	780	0	20740
OREGON-----	12541	4396	0	0	12541
CALIFORNIA-----	146003	40531	49	0	146003
PACIFIC-----	179284	54854	829	0	179284
47 STATES-----	2415311	573636	15606	77951	2492762

1/ RATED CAPACITY FOR A 40-HOUR WEEK.

2/ MOBILE MILLS PRODUCE REAL ONLY.

3/ TOTAL CAPACITY FOR REAL ONLY.

APPENDIX TABLE 4B.--FORMULA FEED: RATED WEEKLY CAPACITY TO PRODUCE FEEDS, BY STATE AND REGION, 1975 1/

STATE AND REGION	DRT		LIQUID	
	ESTABLISHMENTS	CAPACITY 2/	ESTABLISHMENTS	CAPACITY 2/
MAINE-----	12	11448	0	0
NEW HAMPSHIRE-----	7	4683	0	0
VERMONT-----	9	13659	0	0
MASSACHUSETTS-----	13	7375	0	0
CONNECTICUT-----	3	3720	0	0
NEW YORK-----	225	71582	26	4725
NEW JERSEY-----	19	11597	0	0
PENNSYLVANIA-----	245	75444	8	245
DELAWARE-----	17	17244	0	0
MARYLAND-----	62	32375	3	105
NORTHEAST-----	611	249129	31	5075
MICHIGAN-----	147	37414	3	19
WISCONSIN-----	415	192263	23	1102
MINNESOTA-----	307	99210	20	3070
LAKE STATES-----	869	328887	46	4190
OHIO-----	335	71159	10	2214
INDIANA-----	371	112787	14	631
ILLINOIS-----	371	112055	3	1890
IOWA-----	581	204624	43	9311
MISSOURI-----	241	72111	4	2992
CORN BELT-----	1898	577736	74	16995
NORTH DAKOTA-----	56	12292	3	977
SOUTH DAKOTA-----	113	37990	17	3826
NEBRASKA-----	263	66920	25	11000
KANSAS-----	437	152287	12	2200
NORTHERN PLAINS-----	669	289489	57	18013
VIRGINIA-----	87	23789	0	0
WEST VIRGINIA-----	12	3950	1	32
NORTH CAROLINA-----	184	67425	11	2288
KENTUCKY-----	113	23063	3	108
TENNESSEE-----	86	40220		
APPALACHIAN-----	482	156447	15	2428
SOUTH CAROLINA-----	49	17238	0	0
GEORGIA-----	156	87513	15	2455
FLORIDA-----	86	43552	6	1089
ALABAMA-----	99	49916	15	1906
SOUTHEAST-----	398	198219	35	5449
MISSISSIPPI-----	77	36697	1	1026
ARKANSAS-----	83	57767	1	1273
LOUISIANA-----	36	15936	0	0
DELTA STATES-----	196	110401	3	2299
OKLAHOMA-----	115	58417	4	1016
TEXAS-----	358	181584	5	1796
SOUTHERN PLAINS-----	473	240001	9	2812
MONTANA-----	57	15897	0	0
IDAHO-----	66	19526	10	4642
WYOMING-----	12	3285	0	0
COLORADO-----	54	67330	4	924
NEW MEXICO-----	27	12482	0	0
ARIZONA-----	24	29335	0	0
UTAH-----	37	12199	1	180
NEVADA-----	7	3115	0	0
MOUNTAIN-----	294	161169	16	5746
WASHINGTON-----	45	20740	1	271
OREGON-----	43	12641	0	0
CALIFORNIA-----	151	146003	10	5275
PACIFIC-----	239	179284	11	5546
47 STATES-----	6321	2492762	295	68554

1/ DATA APPLY ONLY TO ESTABLISHMENTS REPORTING CAPACITY DATA

2/ RATED CAPACITY FOR A 40-HOUR WEEK

APPENDIX TABLE 69.--ANNUAL RATED CAPACITY BY TYPE OF MILL, OWNERSHIP, AND SIZE INTERVAL, NORTHEAST REGION, 1975 1/

OWNERSHIP AND SIZE INTERVAL	STATIONARY MILLS				MOBILE MILLS				TOTAL GRIND AND MIX	
	GRIND AND MIX		PELLETING		GRIND AND MIX					
	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY		
	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS
<b>CORPORATION:</b>										
UP TO 999 TONS----	19	147221	1	6291	1	4719	19	151940		
1,000-9,999 TONS--	140	1301597	20	132019	11	101125	145	1402722		
10,000-24,999 TONS--	40	774056	20	222210	5	41957	41	816013		
25,000-49,999 TONS--	28	1079040	20	485102	1	31457	29	1110497		
50,000 TONS AND UP--	37	3209726	31	2012901	0	0	37	3209726		
<b>TOTAL-----</b>	<b>262</b>	<b>6511640</b>	<b>92</b>	<b>2858524</b>	<b>18</b>	<b>179257</b>	<b>270</b>	<b>6690897</b>		
<b>PARTNERSHIP:</b>										
UP TO 999 TONS----	4	15015	0	0	0	0	4	15015		
1,000-9,999 TONS--	33	216552	0	0	4	5980	33	222532		
10,000-24,999 TONS--	7	101571	0	0	0	0	7	101571		
25,000-49,999 TONS--	0	0	0	0	0	0	0	0		
50,000 TONS AND UP--	0	0	0	0	0	0	0	0		
<b>TOTAL-----</b>	<b>44</b>	<b>333137</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>5980</b>	<b>44</b>	<b>339117</b>		
<b>SINGLE OWNER:</b>										
UP TO 999 TONS----	18	44151	0	0	1	16714	19	60866		
1,000-9,999 TONS--	64	534541	11	41741	30	320391	87	854931		
10,000-24,999 TONS--	8	204651	2	63370	0	0	8	204651		
25,000-49,999 TONS--	2	127834	1	57707	0	0	2	127834		
50,000 TONS AND UP--	5	356996	1	64921	0	0	5	356996		
<b>TOTAL-----</b>	<b>97</b>	<b>1268173</b>	<b>16</b>	<b>227739</b>	<b>31</b>	<b>337105</b>	<b>121</b>	<b>1605278</b>		
<b>COOPERATIVE:</b>										
UP TO 999 TONS----	25	174565	0	0	0	0	25	174565		
1,000-9,999 TONS--	85	772751	4	19733	13	44813	97	817564		
10,000-24,999 TONS--	20	377297	2	13841	1	3924	20	381221		
25,000-49,999 TONS--	19	970902	15	446579	2	20761	19	991664		
50,000 TONS AND UP--	16	1954375	16	1081819	0	0	16	1954375		
<b>TOTAL-----</b>	<b>165</b>	<b>4249891</b>	<b>37</b>	<b>1561972</b>	<b>17</b>	<b>69498</b>	<b>177</b>	<b>4319390</b>		
<b>TOTAL:</b>										
UP TO 999 TONS----	65	380952	1	6291	2	21433	67	402385		
1,000-9,999 TONS--	322	2825441	36	193493	57	472309	362	3297750		
10,000-24,999 TONS--	74	1457575	24	299421	6	45881	75	1503456		
25,000-49,999 TONS--	49	2177776	35	989388	4	52218	50	2229995		
50,000 TONS AND UP--	58	5521097	49	3159641	0	0	58	5521097		
<b>TOTAL-----</b>	<b>568</b>	<b>12362841</b>	<b>145</b>	<b>4648235</b>	<b>69</b>	<b>591841</b>	<b>611</b>	<b>12954682</b>		

1/ ANNUAL RATED MILLING CAPACITY OUTPUT FOR 52 WEEKS OF 40 HOURS EACH.

APPENDIX TABLE 70.--ANNUAL RATED CAPACITY BY TYPE OF MILL, OWNERSHIP, AND SIZE INTERVAL, LAKE STATES REGION, 1975 1/

OWNERSHIP AND SIZE INTERVAL	STATIONARY MILLS				MOBILE MILLS				TOTAL GRIND AND MIX	
	GRIND AND MIX		PELLETING		GRIND AND MIX					
	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY		
	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS		
<b>CORPORATION:</b>										
UP TO 999 TONS--	45	275542	6	26080	2	10400	46	285942		
1,000-9,999 TONS--	193	3485972	19	111449	18	338734	202	3824706		
10,000-24,999 TONS--	76	1452459	17	191096	2	6418	76	1458877		
25,000-49,999 TONS--	12	609180	6	153484	2	9554	12	618734		
50,000 TONS AND UP--	24	1539922	14	546926	0	0	24	1539922		
<b>TOTAL-----</b>	<b>350</b>	<b>7363075</b>	<b>62</b>	<b>1029034</b>	<b>25</b>	<b>365106</b>	<b>360</b>	<b>7728181</b>		
<b>PARTNERSHIP:</b>										
UP TO 999 TONS--	6	35691	3	12168	0	0	6	35691		
1,000-9,999 TONS--	20	164011	1	4457	2	29714	20	193725		
10,000-24,999 TONS--	7	305599	0	0	0	0	7	305599		
25,000-49,999 TONS--	0	0	0	0	0	0	0	0		
50,000 TONS AND UP--	3	314421	0	0	3	157211	3	471632		
<b>TOTAL-----</b>	<b>37</b>	<b>819723</b>	<b>4</b>	<b>16625</b>	<b>5</b>	<b>186925</b>	<b>37</b>	<b>1006648</b>		
<b>SINGLE OWNER:</b>										
UP TO 999 TONS--	16	77423	0	0	1	11886	18	89308		
1,000-9,999 TONS--	106	1499948	3	13823	11	80497	114	1580445		
10,000-24,999 TONS--	20	285082	3	6490	3	171949	20	457031		
25,000-49,999 TONS--	0	0	0	0	0	0	0	0		
50,000 TONS AND UP--	0	0	0	0	3	65504	3	65504		
<b>TOTAL-----</b>	<b>142</b>	<b>1862453</b>	<b>6</b>	<b>20312</b>	<b>19</b>	<b>329836</b>	<b>154</b>	<b>2192289</b>		
<b>COOPERATIVE:</b>										
UP TO 999 TONS--	32	111717	0	0	0	0	32	111717		
1,000-9,999 TONS--	183	2968197	3	36846	20	87827	186	3056024		
10,000-24,999 TONS--	67	1921097	3	55269	5	29120	67	1950217		
25,000-49,999 TONS--	23	694008	8	118170	0	0	23	694008		
50,000 TONS AND UP--	10	363041	1	54674	0	0	10	363041		
<b>TOTAL-----</b>	<b>315</b>	<b>6058061</b>	<b>16</b>	<b>264959</b>	<b>25</b>	<b>116947</b>	<b>318</b>	<b>6175008</b>		
<b>TOTAL:</b>										
UP TO 999 TONS--	100	500373	9	38248	3	22286	102	522659		
1,000-9,999 TONS--	503	8118128	26	166574	52	536773	522	8654900		
10,000-24,999 TONS--	170	3964237	24	252054	10	207488	170	4171725		
25,000-49,999 TONS--	35	1303188	14	271654	2	9554	35	1312742		
50,000 TONS AND UP--	37	2217385	15	601600	6	222715	40	2440100		
<b>TOTAL-----</b>	<b>844</b>	<b>16103311</b>	<b>88</b>	<b>1330930</b>	<b>74</b>	<b>998815</b>	<b>869</b>	<b>17102126</b>		

1/ ANNUAL RATED MILLING CAPACITY OUTPUT FOR 52 WEEKS OF 40 HOURS EACH.

APPENDIX TABLE 71.--ANNUAL RATED CAPACITY BY TYPE OF MILL, OWNERSHIP, AND SIZE INTERVAL, CORN BELT REGION, 1975 1/

OWNERSHIP AND SIZE INTERVAL	STATIONARY MILLS				MOBILE MILLS				TOTAL GRIND AND MIX	
	GRIND AND MIX		PELLETING		GRIND AND MIX					
	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY
	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS
CORPORATION:										
UP TO 999 TONS----	81	588498	7	24051	2	8988	83	597486		
1,000-9,999 TONS--	592	7097729	92	513895	17	84738	596	7182467		
10,000-24,999 TONS--	168	3755824	68	973539	7	66986	171	3822810		
25,000-49,999 TONS--	53	2121446	27	549092	1	8008	54	2123454		
50,000 TONS AND UP--	55	3709126	42	1796781	0	0	55	3709126		
TOTAL-----	948	17272624	237	3857358	27	168720	960	17441344		
PARTNERSHIP:										
UP TO 999 TONS----	17	84354	0	0	0	0	17	84354		
1,000-9,999 TONS--	76	683589	8	39517	12	82302	79	765892		
10,000-24,999 TONS--	4	84155	0	0	0	0	4	84155		
25,000-49,999 TONS--	0	0	0	0	0	0	0	0		
50,000 TONS AND UP--	5	403991	0	0	0	0	5	403991		
TOTAL-----	101	1256090	8	39517	12	82302	105	1338393		
SINGLE OWNER:										
UP TO 999 TONS----	56	289773	3	11745	8	50691	64	340463		
1,000-9,999 TONS--	185	2253370	15	62067	35	280006	212	2533376		
10,000-24,999 TONS--	12	251375	1	6424	5	102566	13	333941		
25,000-49,999 TONS--	1	70200	1	70200	0	0	1	70200		
50,000 TONS AND UP--	5	99012	1	10530	0	0	5	99012		
TOTAL-----	260	2943730	21	160965	48	433263	297	3376992		
COOPERATIVE:										
UP TO 999 TONS----	63	367009	4	6876	1	7697	63	374707		
1,000-9,999 TONS--	369	4468746	27	145455	6	27069	369	4495815		
10,000-24,999 TONS--	76	1505888	23	215822	2	14112	76	1520000		
25,000-49,999 TONS--	14	508599	7	188586	0	0	14	508599		
50,000 TONS AND UP--	16	1090397	12	368848	0	0	16	1090397		
TOTAL-----	538	7940639	73	925588	10	48878	538	7989518		
TOTAL:										
UP TO 999 TONS----	217	132935	14	42672	12	67376	228	1397010		
1,000-9,999 TONS--	1221	14503433	141	760935	71	474115	1256	14977549		
10,000-24,999 TONS--	259	5577243	93	1195784	14	183664	264	5760907		
25,000-49,999 TONS--	68	2700245	35	807878	1	8008	69	2708253		
50,000 TONS AND UP--	81	5302527	56	2176159	0	0	81	5302527		
TOTAL-----	1847	29413083	339	4983428	98	733163	1898	30146246		

1/ ANNUAL RATED MILLING CAPACITY OUTPUT FOR 52 WEEKS OF 40 HOURS EACH.

APPENDIX TABLE 72.--ANNUAL RATED CAPACITY BY TYPE OF MILL, OWNERSHIP, AND SIZE INTERVAL, NORTHERN PLAINS REGION, 1975 1/

OWNERSHIP AND SIZE INTERVAL	STATIONARY MILLS				MOBILE MILLS				TOTAL GRIND AND MIX	
	GRIND AND MIX		PELLETING		GRIND AND MIX					
	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY
	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS
<b>CORPORATIONS:</b>										
UP TO 999 TONS----	28	214154	2	16237	1	204	28	214358		
1,000-9,999 TONS--	246	2311232	48	412232	17	175673	258	2486905		
10,000-24,999 TONS--	51	868418	25	317818	2	19484	52	887902		
25,000-49,999 TONS--	36	1286900	21	450949	5	155223	40	1442123		
50,000 TONS AND UP--	33	2871322	11	684134	3	205145	33	3076468		
<b>TOTAL-----</b>	<b>394</b>	<b>7552027</b>	<b>107</b>	<b>1881369</b>	<b>27</b>	<b>555729</b>	<b>411</b>	<b>8107756</b>		
<b>PARTNERSHIP:</b>										
UP TO 999 TONS----	5	63331	0	0	3	14421	8	77752		
1,000-9,999 TONS--	37	428026	0	0	4	9772	37	437798		
10,000-24,999 TONS--	8	123072	3	18161	0	0	8	123072		
25,000-49,999 TONS--	0	0	0	0	0	0	0	0		
50,000 TONS AND UP--	2	8118	0	0	0	0	2	8118		
<b>TOTAL-----</b>	<b>52</b>	<b>622547</b>	<b>3</b>	<b>18161</b>	<b>7</b>	<b>24194</b>	<b>55</b>	<b>646741</b>		
<b>SINGLE OWNER:</b>										
UP TO 999 TONS----	10	56274	0	0	15	70482	25	126756		
1,000-9,999 TONS--	36	379654	0	0	19	373242	50	752896		
10,000-24,999 TONS--	1	22936	1	22936	0	0	1	22936		
25,000-49,999 TONS--	1	9294	0	0	1	13568	1	22862		
50,000 TONS AND UP--	2	81184	0	0	0	0	2	81184		
<b>TOTAL-----</b>	<b>50</b>	<b>549340</b>	<b>1</b>	<b>22936</b>	<b>35</b>	<b>457292</b>	<b>79</b>	<b>1006633</b>		
<b>COOPERATIVE:</b>										
UP TO 999 TONS----	40	365447	0	0	5	11674	44	377121		
1,000-9,999 TONS--	226	3250730	24	231527	9	70022	230	3320752		
10,000-24,999 TONS--	31	862532	9	60692	0	0	31	862532		
25,000-49,999 TONS--	10	386913	5	121194	0	0	10	386913		
50,000 TONS AND UP--	7	344981	3	81966	0	0	7	344981		
<b>TOTAL-----</b>	<b>314</b>	<b>5210603</b>	<b>41</b>	<b>495379</b>	<b>14</b>	<b>81696</b>	<b>323</b>	<b>5292298</b>		
<b>TOTAL:</b>										
UP TO 999 TONS----	83	699206	2	16237	25	96781	106	795987		
1,000-9,999 TONS--	545	6369642	72	643759	49	628710	576	6998351		
10,000-24,999 TONS--	92	1876958	38	419607	2	19484	93	1896442		
25,000-49,999 TONS--	48	1683107	26	572143	6	168791	51	1851897		
50,000 TONS AND UP--	43	3305605	14	766100	3	205145	43	3510751		
<b>TOTAL-----</b>	<b>810</b>	<b>13934517</b>	<b>152</b>	<b>2417845</b>	<b>84</b>	<b>1118911</b>	<b>869</b>	<b>15053428</b>		

1/ ANNUAL RATED MILLING CAPACITY OUTPUT FOR 52 WEEKS OF 40 HOURS EACH.

APPENDIX TABLE 73.--ANNUAL RATED CAPACITY BY TYPE OF MILL, OWNERSHIP, AND SIZE INTERVAL, APPALACHIAN REGION, 1975 1/

OWNERSHIP AND SIZE INTERVAL	STATIONARY MILLS				MOBILE MILLS				TOTAL GRIND AND MIX	
	GRIND AND MIX		PELLETING		GRIND AND MIX					
	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY	NUMBER	TONS
	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS
<b>CORPORATION:</b>										
UP TO 999 TONS--	16	132058	0	0	5	26933	20	158991		
1,000-9,999 TONS--	130	1325399	27	171957	4	17114	132	1342513		
10,000-24,999 TONS--	40	814505	14	162880	5	30069	41	844574		
25,000-49,999 TONS--	11	547566	10	276503	0	0	11	547566		
50,000 TONS AND UP--	35	2977152	32	1918140	0	0	35	2977152		
<b>TOTAL-----</b>	<b>233</b>	<b>5796680</b>	<b>82</b>	<b>2529479</b>	<b>13</b>	<b>74116</b>	<b>238</b>	<b>5870796</b>		
<b>PARTNERSHIP:</b>										
UP TO 999 TONS--	12	109382	0	0	3	15600	15	124982		
1,000-9,999 TONS--	54	282917	6	6641	0	0	54	282917		
10,000-24,999 TONS--	1	11983	0	0	0	0	1	11983		
25,000-49,999 TONS--	1	53926	1	53926	0	0	1	53926		
50,000 TONS AND UP--	0	0	0	0	0	0	0	0		
<b>TOTAL-----</b>	<b>69</b>	<b>458208</b>	<b>7</b>	<b>60567</b>	<b>3</b>	<b>15600</b>	<b>72</b>	<b>473808</b>		
<b>SINGLE OWNER:</b>										
UP TO 999 TONS--	14	81693	0	0	0	0	14	81693		
1,000-9,999 TONS--	49	262788	4	11469	15	95358	62	358147		
10,000-24,999 TONS--	2	35575	0	0	0	0	2	35575		
25,000-49,999 TONS--	1	26963	1	26963	0	0	1	26963		
50,000 TONS AND UP--	6	298660	1	55885	0	0	6	298660		
<b>TOTAL-----</b>	<b>72</b>	<b>705679</b>	<b>6</b>	<b>94317</b>	<b>15</b>	<b>95358</b>	<b>86</b>	<b>801037</b>		
<b>COOPERATIVE:</b>										
UP TO 999 TONS--	17	70805	0	0	1	6741	18	77545		
1,000-9,999 TONS--	56	318853	1	300	0	0	56	318853		
10,000-24,999 TONS--	2	63452	1	10669	0	0	2	63452		
25,000-49,999 TONS--	0	0	0	0	0	0	0	0		
50,000 TONS AND UP--	9	529759	9	369720	0	0	9	529759		
<b>TOTAL-----</b>	<b>85</b>	<b>982869</b>	<b>11</b>	<b>380688</b>	<b>1</b>	<b>6741</b>	<b>86</b>	<b>989610</b>		
<b>TOTAL:</b>										
UP TO 999 TONS--	59	393938	0	0	9	49274	66	443212		
1,000-9,999 TONS--	290	2189957	37	190366	19	112472	305	2302430		
10,000-24,999 TONS--	46	925515	15	173549	5	30069	47	955584		
25,000-49,999 TONS--	14	628455	13	357392	0	0	14	628455		
50,000 TONS AND UP--	50	3805570	42	2343745	0	0	50	3805570		
<b>TOTAL-----</b>	<b>458</b>	<b>7943436</b>	<b>106</b>	<b>3065052</b>	<b>33</b>	<b>191815</b>	<b>482</b>	<b>8135250</b>		

APPENDIX TABLE 74.--ANNUAL RATED CAPACITY BY TYPE OF MILL, OWNERSHIP, AND SIZE INTERVAL, SOUTHEAST REGION, 1975 1/

OWNERSHIP AND SIZE INTERVAL	STATIONARY MILLS				MOBILE MILLS				TOTAL GRIND AND MIX	
	GRIND AND MIX		PELLETING		GRIND AND MIX					
	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY		
CORPORATION:										
UP TO 999 TONS----:	29	108257	0	0	1	15127	29	123384		
1,000-9,999 TONS--:	86	1205948	7	30918	3	9453	89	1215400		
10,000-24,999 TONS-:	53	1460268	18	504833	1	553	53	1460821		
25,000-49,999 TONS-:	39	1329199	12	191875	0	0	39	1329199		
50,000 TONS AND UP-:	43	3808322	33	1881558	1	82926	43	3891248		
TOTAL-----:	251	7911994	70	2609184	7	108059	253	8020053		
PARTNERSHIP:										
UP TO 999 TONS----:	3	59799	0	0	0	0	3	59799		
1,000-9,999 TONS--:	10	50082	0	0	0	0	10	50082		
10,000-24,999 TONS-:	1	27642	0	0	0	0	1	27642		
25,000-49,999 TONS-:	1	37818	1	37818	0	0	1	37818		
50,000 TONS AND UP-:	1	18909	0	0	0	0	1	18909		
TOTAL-----:	17	194250	1	37818	0	0	17	194250		
SINGLE OWNER:										
UP TO 999 TONS----:	27	451930	0	0	3	8089	30	460019		
1,000-9,999 TONS--:	41	366271	3	4387	0	0	41	366271		
10,000-24,999 TONS-:	3	94545	1	75636	0	0	3	94545		
25,000-49,999 TONS-:	3	118170	0	0	0	0	3	118170		
50,000 TONS AND UP-:	0	0	0	0	0	0	0	0		
TOTAL-----:	74	1030917	4	80023	3	8089	77	1039006		
COOPERATIVE:										
UP TO 999 TONS----:	12	64913	0	0	0	0	12	64913		
1,000-9,999 TONS--:	10	64567	0	0	0	0	10	64567		
10,000-24,999 TONS-:	6	108966	0	0	0	0	6	108966		
25,000-49,999 TONS-:	4	182829	0	0	0	0	4	182829		
50,000 TONS AND UP-:	11	632820	9	366366	0	0	11	632820		
TOTAL-----:	43	1054095	9	366366	0	0	43	1054095		
TOTAL:										
UP TO 999 TONS----:	70	684900	0	0	5	23216	73	708116		
1,000-9,999 TONS--:	148	1686868	10	35305	3	9453	150	1696320		
10,000-24,999 TONS-:	63	1691422	19	580469	1	553	63	1691975		
25,000-49,999 TONS-:	48	1668016	14	229693	0	0	48	1668016		
50,000 TONS AND UP-:	55	4460051	41	2247924	1	82926	55	4542978		
TOTAL-----:	384	10191256	84	3093391	10	116148	390	10307404		

1/ ANNUAL RATED MILLING CAPACITY OUTPUT FOR 52 WEEKS OF 40 HOURS EACH.

APPENDIX TABLE 75.--ANNUAL RATED CAPACITY BY TYPE OF MILL, OWNERSHIP, AND SIZE INTERVAL, DELTA STATES REGIONS, 1975 1/

OWNERSHIP AND SIZE INTERVAL	STATIONARY MILLS				MOBILE MILLS				TOTAL GRIND AND MIX	
	GRIND AND MIX		PELLETING		GRIND AND MIX					
	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY
	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS
<b>CORPORATIONS:</b>										
UP TO 999 TONS---	3	33345	0	0	0	0	0	0	3	33345
1,000-9,999 TONS--	51	572969	9	40442	0	0	0	0	51	572969
10,000-24,999 TONS--	11	275148	5	107619	0	0	0	0	11	275148
25,000-49,999 TONS--	9	349217	5	121635	0	0	0	0	9	349217
50,000 TONS AND UP--	36	2788260	28	1528797	0	0	0	0	36	2788260
<b>TOTAL-----</b>	<b>111</b>	<b>4018938</b>	<b>47</b>	<b>1798494</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>111</b>	<b>4018938</b>
<b>PARTNERSHIP:</b>										
UP TO 999 TONS---	5	19829	0	0	0	0	0	0	5	19829
1,000-9,999 TONS--	18	201447	0	0	0	0	0	0	18	201447
10,000-24,999 TONS--	0	0	0	0	0	0	0	0	0	0
25,000-49,999 TONS--	3	81603	1	31030	0	0	0	0	3	81603
50,000 TONS AND UP--	4	242977	1	133333	0	0	0	0	4	242977
<b>TOTAL-----</b>	<b>29</b>	<b>545856</b>	<b>3</b>	<b>164364</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>29</b>	<b>545856</b>
<b>SINGLE OWNER:</b>										
UP TO 999 TONS---	1	26667	0	0	0	0	0	0	1	26667
1,000-9,999 TONS--	23	150887	3	5547	0	0	0	0	23	150887
10,000-24,999 TONS--	4	65051	0	0	0	0	0	0	0	0
25,000-49,999 TONS--	0	0	0	0	0	0	0	0	0	0
50,000 TONS AND UP--	1	66667	1	26667	0	0	0	0	1	66667
<b>TOTAL-----</b>	<b>29</b>	<b>309271</b>	<b>4</b>	<b>32213</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>29</b>	<b>309271</b>
<b>COOPERATIVE:</b>										
UP TO 999 TONS---	0	0	0	0	0	0	0	0	0	0
1,000-9,999 TONS--	13	82143	1	2184	0	0	0	0	13	82143
10,000-24,999 TONS--	0	0	0	0	0	0	0	0	0	0
25,000-49,999 TONS--	5	218240	5	94560	0	0	0	0	5	218240
50,000 TONS AND UP--	9	566418	8	286537	0	0	0	0	9	566418
<b>TOTAL-----</b>	<b>27</b>	<b>866801</b>	<b>15</b>	<b>383281</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>27</b>	<b>866801</b>
<b>TOTAL:</b>										
UP TO 999 TONS---	9	79841	0	0	0	0	0	0	9	79841
1,000-9,999 TONS--	105	1007446	13	48173	0	0	0	0	105	1007446
10,000-24,999 TONS--	15	340198	5	107619	0	0	0	0	15	340198
25,000-49,999 TONS--	17	649060	12	247225	0	0	0	0	17	649060
50,000 TONS AND UP--	50	3664321	38	1975334	0	0	0	0	50	3664321
<b>TOTAL-----</b>	<b>196</b>	<b>5740866</b>	<b>68</b>	<b>2378352</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>196</b>	<b>5740866</b>

1/ ANNUAL RATED MILLING CAPACITY OUTPUT FOR 52 WEEKS OF 40 HOURS EACH.

APPENDIX TABLE 76.--ANNUAL RATED CAPACITY BY TYPE OF MILL, OWNERSHIP, AND SIZE INTERVAL, SOUTHERN PLAINS, 1975 17

OWNERSHIP AND SIZE INTERVAL	STATIONARY MILLS				MOBILE MILLS				TOTAL GRIND AND MIX	
	GRIND AND MIX		PELLETING		GRIND AND MIX					
	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY		
	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS
<b>CORPORATION:</b>										
UP TO 999 TONS----	22	81168	5	4771	0	0	22	81168		
1,000-9,999 TONS--	98	1057458	24	209510	1	11305	98	1068763		
10,000-24,999 TONS--	42	1276341	16	431871	1	14132	43	1290473		
25,000-49,999 TONS--	43	1659367	31	871500	0	0	43	1659367		
50,000 TONS AND UP--	64	4739749	31	1432084	3	210639	66	4950388		
<b>TOTAL-----</b>	<b>269</b>	<b>8814082</b>	<b>107</b>	<b>2949735</b>	<b>5</b>	<b>236076</b>	<b>271</b>	<b>9050158</b>		
<b>PARTNERSHIP:</b>										
UP TO 999 TONS----	9	24005	0	0	0	0	9	24005		
1,000-9,999 TONS--	34	326109	3	44374	0	0	34	326109		
10,000-24,999 TONS--	4	57234	0	0	0	0	4	57234		
25,000-49,999 TONS--	4	211976	0	0	0	0	4	211976		
50,000 TONS AND UP--	4	614732	1	105988	0	0	4	614732		
<b>TOTAL-----</b>	<b>55</b>	<b>1234056</b>	<b>4</b>	<b>150362</b>	<b>0</b>	<b>0</b>	<b>55</b>	<b>1234056</b>		
<b>SINGLE OWNER:</b>										
UP TO 999 TONS----	12	138843	0	0	5	8467	18	147310		
1,000-9,999 TONS--	54	549290	12	45304	7	20495	61	569785		
10,000-24,999 TONS--	23	304060	3	53701	0	0	23	304060		
25,000-49,999 TONS--	7	188672	1	19933	0	0	7	188672		
50,000 TONS AND UP--	5	86061	0	0	0	0	5	86061		
<b>TOTAL-----</b>	<b>101</b>	<b>1266925</b>	<b>16</b>	<b>118938</b>	<b>12</b>	<b>28962</b>	<b>113</b>	<b>1295887</b>		
<b>COOPERATIVE:</b>										
UP TO 999 TONS----	0	0	0	0	0	0	0	0		
1,000-9,999 TONS--	23	596378	5	91175	0	0	23	596378		
10,000-24,999 TONS--	4	44453	1	21198	0	0	4	44453		
25,000-49,999 TONS--	4	80834	4	32503	0	0	4	80834		
50,000 TONS AND UP--	3	178272	0	0	0	0	3	178272		
<b>TOTAL-----</b>	<b>33</b>	<b>899937</b>	<b>11</b>	<b>144876</b>	<b>0</b>	<b>0</b>	<b>33</b>	<b>899937</b>		
<b>TOTAL:</b>										
UP TO 999 TONS----	43	244017	5	4771	5	8467	49	252483		
1,000-9,999 TONS--	208	2529234	44	390362	8	31800	215	2561034		
10,000-24,999 TONS--	73	1682088	20	506769	1	14132	74	1696219		
25,000-49,999 TONS--	58	2140848	36	923936	0	0	58	2140848		
50,000 TONS AND UP--	77	5618814	32	1538072	3	210639	78	5829452		
<b>TOTAL-----</b>	<b>459</b>	<b>12215000</b>	<b>138</b>	<b>3363910</b>	<b>18</b>	<b>265037</b>	<b>473</b>	<b>12480038</b>		

17 ANNUAL RATED MILLING CAPACITY OUTPUT FOR 52 WEEKS OF 40 HOURS EACH.

APPENDIX TABLE 77.--ANNUAL RATED CAPACITY BY TYPE OF MILL, OWNERSHIP, AND SIZE INTERVAL, MOUNTAIN REGION, 1975. 1/

OWNERSHIP AND SIZE INTERVAL	STATIONARY MILLS				MOBILE MILLS				TOTAL GRIND AND MIX	
	GRIND AND MIX		PELLETING		GRIND AND MIX		GRIND AND MIX			
	ESTABLISHMENTS:	CAPACITY	ESTABLISHMENTS:	CAPACITY	ESTABLISHMENTS:	CAPACITY	ESTABLISHMENTS:	CAPACITY		
	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS
CORPORATION:										
UP TO 999 TONS---	12	89600	3	24700	0	0	12	89600		
1,000-9,999 TONS--	99	1330374	57	444344	1	11700	99	1342074		
10,000-24,999 TONS--	26	692215	11	179391	0	0	26	692215		
25,000-49,999 TONS--	27	1029077	16	365750	0	0	27	1029077		
50,000 TONS AND UP--	30	3697286	5	298480	0	0	30	3697286		
TOTAL-----	195	6838551	94	1312665	1	11700	195	6850251		
PARTNERSHIP:										
UP TO 999 TONS---	1	9360	0	0	0	0	1	9360		
1,000-9,999 TONS--	9	91043	0	0	0	0	9	91043		
10,000-24,999 TONS--	3	44030	3	39848	0	0	3	44030		
25,000-49,999 TONS--	2	66857	0	0	0	0	2	66857		
50,000 TONS AND UP--	3	28600	0	0	0	0	3	28600		
TOTAL-----	18	239891	3	39848	0	0	18	239891		
SINGLE OWNER:										
UP TO 999 TONS---	13	100611	0	0	0	0	13	100611		
1,000-9,999 TONS--	8	145928	3	46848	0	0	8	145928		
10,000-24,999 TONS--	7	243631	2	16730	0	0	7	243631		
25,000-49,999 TONS--	3	8580	0	0	0	0	3	8580		
50,000 TONS AND UP--	0	0	0	0	0	0	0	0		
TOTAL-----	31	498751	5	63578	0	0	31	498751		
COOPERATIVE:										
UP TO 999 TONS---	13	71327	0	0	0	0	13	71327		
1,000-9,999 TONS--	20	245020	6	37440	0	0	20	245020		
10,000-24,999 TONS--	9	155432	6	79149	0	0	9	155432		
25,000-49,999 TONS--	5	191434	3	144114	0	0	5	191434		
50,000 TONS AND UP--	2	128700	2	18720	0	0	2	128700		
TOTAL-----	49	791913	18	279424	0	0	49	791913		
TOTAL:										
UP TO 999 TONS---	40	270898	3	24700	0	0	40	270898		
1,000-9,999 TONS--	136	1812365	66	528632	1	11700	136	1824065		
10,000-24,999 TONS--	46	1135308	23	315119	0	0	46	1135308		
25,000-49,999 TONS--	36	1295949	19	509864	0	0	36	1295949		
50,000 TONS AND UP--	35	3854586	8	317200	0	0	35	3854586		
TOTAL-----	294	8369105	119	1695514	1	11700	294	8368085		

1/ ANNUAL RATED MILLING CAPACITY OUTPUT FOR 52 WEEKS OF 40 HOURS EACH.

APPENDIX TABLE 78.--ANNUAL RATED CAPACITY BY TYPE OF MILL, OWNERSHIP, AND SIZE INTERVAL, PACIFIC REGION, 1975 1/

OWNERSHIP AND SIZE INTERVAL	STATIONARY MILLS				MOBILE MILLS				TOTAL GRIND AND MIX	
	GRIND AND MIX		PELLETING		GRIND AND MIX					
	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY
	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS
<b>CORPORATION:</b>										
UP TO 999 TONS----	0	0	0	0	0	0	0	0	0	0
1,000-9,999 TONS--	33	263797	15	93095	0	0	0	0	33	263797
10,000-24,999 TONS--	29	637978	20	253777	0	0	0	0	29	637978
25,000-49,999 TONS--	36	1647873	25	657449	0	0	0	0	36	1647873
50,000 TONS AND UP--	51	4414336	31	1191968	0	0	0	0	51	4414336
<b>TOTAL-----</b>	<b>149</b>	<b>6963983</b>	<b>91</b>	<b>2196289</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>149</b>	<b>6963983</b>
<b>PARTNERSHIP:</b>										
UP TO 999 TONS----	3	11093	0	0	0	0	0	0	3	11093
1,000-9,999 TONS--	18	202241	3	8320	0	0	0	0	18	202241
10,000-24,999 TONS--	11	189691	2	20383	0	0	0	0	11	189691
25,000-49,999 TONS--	2	97837	0	0	0	0	0	0	2	97837
50,000 TONS AND UP--	5	595175	2	203827	0	0	0	0	5	595175
<b>TOTAL-----</b>	<b>38</b>	<b>1096038</b>	<b>6</b>	<b>232530</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>38</b>	<b>1096038</b>
<b>SINGLE OWNER:</b>										
UP TO 999 TONS----	0	0	0	0	0	0	0	0	0	0
1,000-9,999 TONS--	16	114072	5	19968	0	0	0	0	16	114072
10,000-24,999 TONS--	7	78193	3	25931	0	0	0	0	7	78193
25,000-49,999 TONS--	0	0	0	0	0	0	0	0	0	0
50,000 TONS AND UP--	0	0	0	0	0	0	0	0	0	0
<b>TOTAL-----</b>	<b>23</b>	<b>192266</b>	<b>7</b>	<b>45899</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>23</b>	<b>192266</b>
<b>COOPERATIVE:</b>										
UP TO 999 TONS----	3	8320	0	0	0	0	0	0	3	8320
1,000-9,999 TONS--	7	68530	7	60514	0	0	0	0	7	68530
10,000-24,999 TONS--	6	75935	3	19940	0	0	0	0	6	75935
25,000-49,999 TONS--	3	88214	3	70571	0	0	0	0	3	88214
50,000 TONS AND UP--	11	829493	7	226657	0	0	0	0	11	829493
<b>TOTAL-----</b>	<b>29</b>	<b>1070493</b>	<b>20</b>	<b>377682</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>29</b>	<b>1070493</b>
<b>TOTAL:</b>										
UP TO 999 TONS----	5	19413	0	0	0	0	0	0	5	19413
1,000-9,999 TONS--	74	648640	29	181897	0	0	0	0	74	648640
10,000-24,999 TONS--	54	981797	27	320031	0	0	0	0	54	981797
25,000-49,999 TONS--	40	1833924	28	728020	0	0	0	0	40	1833924
50,000 TONS AND UP--	67	5839004	40	1622452	0	0	0	0	67	5839004
<b>TOTAL-----</b>	<b>239</b>	<b>9322779</b>	<b>124</b>	<b>2852400</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>239</b>	<b>9322779</b>

1/ ANNUAL RATED MILLING CAPACITY OUTPUT FOR 52 WEEKS OF 40 HOURS EACH.

APPENDIX TABLE 79.--ANNUAL RATED CAPACITY BY TYPE OF MILL, OWNERSHIP, AND SIZE INTERVAL, UNITED STATES, 1975 1/

OWNERSHIP AND SIZE INTERVAL	STATIONARY MILLS				MOBILE MILLS				TOTAL GRIND AND MIX	
	GRIND AND MIX		PELLETING		GRIND AND MIX					
	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY	ESTABLISHMENTS	CAPACITY		
	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS		TONS
<b>CORPORATION:</b>										
UP TO 999 TONS--:	256	1669844	25	102131	13	66370	262	1736214		
1,000-9,999 TONS--:	1668	19952473	318	2159861	72	749843	1703	20702316		
10,000-24,999 TONS--:	535	12007212	216	3345034	23	179599	544	12186811		
25,000-49,999 TONS--:	294	11658864	173	4123338	10	204241	301	11863106		
50,000 TONS AND UP--:	408	33755200	259	13291768	7	498710	409	34253911		
<b>TOTAL-----:</b>	<b>3161</b>	<b>79043594</b>	<b>990</b>	<b>23022132</b>	<b>126</b>	<b>1698763</b>	<b>3219</b>	<b>80742357</b>		
<b>PARTNERSHIP:</b>										
UP TO 999 TONS--:	64	431861	3	12168	6	30021	71	461882		
1,000-9,999 TONS--:	309	2646017	20	103309	22	127769	313	2773786		
10,000-24,999 TONS--:	47	944977	8	78391	0	0	47	944977		
25,000-49,999 TONS--:	13	550018	4	122775	0	0	13	550018		
50,000 TONS AND UP--:	26	2226924	4	443149	3	157211	26	2384135		
<b>TOTAL-----:</b>	<b>460</b>	<b>6799797</b>	<b>39</b>	<b>759792</b>	<b>32</b>	<b>315001</b>	<b>470</b>	<b>7114798</b>		
<b>SINGLE OWNER:</b>										
UP TO 999 TONS--:	167	1267365	3	11745	34	166329	202	1433693		
1,000-9,999 TONS--:	582	6256749	57	251153	117	1169989	675	7426738		
10,000-24,999 TONS--:	87	1565099	16	271217	8	274515	89	1839614		
25,000-49,999 TONS--:	18	549713	5	174804	1	13568	18	563281		
50,000 TONS AND UP--:	24	988579	5	158002	3	65504	27	1054083		
<b>TOTAL-----:</b>	<b>879</b>	<b>10627504</b>	<b>86</b>	<b>866920</b>	<b>164</b>	<b>1689905</b>	<b>1010</b>	<b>12317409</b>		
<b>COOPERATIVE:</b>										
UP TO 999 TONS--:	205	1234104	4	6876	7	26112	211	1260215		
1,000-9,999 TONS--:	991	12835915	79	625173	49	229731	1011	13065646		
10,000-24,999 TONS--:	221	5115053	49	476580	8	47156	221	5162209		
25,000-49,999 TONS--:	87	3321973	50	1216277	2	20761	87	3342735		
50,000 TONS AND UP--:	94	6618256	68	2855307	0	0	94	6618256		
<b>TOTAL-----:</b>	<b>1598</b>	<b>29125300</b>	<b>251</b>	<b>5180215</b>	<b>66</b>	<b>323761</b>	<b>1623</b>	<b>29449061</b>		
<b>TOTAL:</b>										
UP TO 999 TONS--:	692	4603173	34	132920	61	288832	746	4892004		
1,000-9,999 TONS--:	3551	41691154	474	3139497	260	2277332	3700	43968486		
10,000-24,999 TONS--:	891	19632341	289	4171222	39	501270	901	20133611		
25,000-49,999 TONS--:	412	16080568	232	5637193	14	238571	418	16319139		
50,000 TONS AND UP--:	552	43588960	336	16748227	13	721426	556	44310385		
<b>TOTAL-----:</b>	<b>6098</b>	<b>125596196</b>	<b>1365</b>	<b>29829058</b>	<b>387</b>	<b>4027430</b>	<b>6321</b>	<b>129623625</b>		

1/ ANNUAL RATED MILLING CAPACITY OUTPUT FOR 52 WEEKS OF 40 HOURS EACH.

APPENDIX TABLE 80.--ANNUAL RATED CAPACITY: BY TYPE OF MILL AND SIZE INTERVAL, UNITED STATES, 1975 1/

SIZE INTERVAL	STATIONARY MILLS						MOBILE MILLS			TOTAL GRIND AND MIX	
	GRIND AND MIX		PELLETING		BLOCKING		GRIND AND MIX				
	ESTAB.	CAPACITY	ESTAB.	CAPACITY	ESTAB.	CAPACITY	ESTAB.	CAPACITY	ESTAB.	CAPACITY	
	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	
UP TO 999 TONS----	692.	4603173.	34.	132920.	8.	10231.	61.	288832.	746.	4892004.	106
1,000-9,999 TONS--	3551.	41691154.	474.	3139497.	38.	108368.	260.	2277332.	3700.	43968486.	
10,000-24,999 TONS-	891.	19632341.	289.	4171222.	39.	260573.	39.	501270.	901.	20133611.	
25,000-49,999 TONS-	412.	16080568.	232.	5637193.	25.	226260.	14.	238571.	418.	16319139.	
50,000 TONS AND UP--	552.	43588960.	336.	16748227.	31.	206067.	13.	721426.	556.	44310385.	
U.S. TOTAL-----	6098.	125596196.	1365.	29829058.	131.	811500.	387.	4027430.	6321.	129623625.	
	PERCENT DISTRIBUTION (COLUMN)										
UP TO 999 TONS----	11.3	3.7	2.5	0.4	5.8	1.3	15.9	7.2	11.8	3.8	
1,000-9,999 TONS--	58.2	33.2	34.7	10.5	28.7	13.4	67.2	56.5	58.5	33.9	
10,000-24,999 TONS-	14.6	15.6	21.2	14.0	22.9	32.1	10.0	12.4	14.3	15.5	
25,000-49,999 TONS-	6.8	12.8	17.0	18.9	19.2	27.9	3.5	5.9	6.6	12.6	
50,000 TONS AND UP--	9.0	34.7	24.6	56.1	23.4	25.4	3.3	17.9	8.8	34.2	
U.S. TOTAL-----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

1/ DATA APPLY TO ESTABLISHMENTS REPORTING TO THIS QUESTION.

APPENDIX TABLE 81.--ANNUAL RATED CAPACITY BY TYPE OF MILL AND OWNERSHIP, UNITED STATES, 1975<sup>1/</sup>

OWNERSHIP	STATIONARY MILLS						MOBILE MILLS			TOTAL GRIND AND MIX	
	GRIND AND MIX		PELLETING		BLOCKING		GRIND AND MIX				
	ESTAB.	CAPACITY	ESTAB.	CAPACITY	ESTAB.	CAPACITY	ESTAB.	CAPACITY	ESTAB.	CAPACITY	
CORPORATIONS-----	3161.	79043594.	990.	23022132.	107.	728118.	124.	1698763.	3219.	80742357.	
PARTNERSHIPS-----	460.	6799797.	39.	759792.	8.	4063.	32.	315001.	470.	7114798.	
SINGLE OWNER-----	879.	10627504.	86.	866920.	4.	30385.	164.	1689905.	1010.	12317409.	
COOPERATIVES-----	1598.	29125300.	251.	5180215.	12.	48934.	66.	323761.	1623.	29449061.	
U.S. TOTAL-----	6098.	125596196.	1365.	29829058.	131.	811500.	387.	4027430.	6321.	129623625.	
PERCENT DISTRIBUTION (COLUMN)											
CORPORATIONS-----	51.8	62.9	72.5	77.2	81.7	89.7	32.2	42.2	50.9	62.3	
PARTNERSHIPS-----	7.5	5.4	2.8	2.5	6.1	0.5	8.3	7.8	7.4	5.5	
SINGLE OWNER-----	14.4	8.5	6.3	2.9	3.4	3.7	42.3	42.0	16.0	9.5	
COOPERATIVES-----	26.2	23.2	18.3	17.4	8.9	6.0	17.2	8.0	25.7	22.7	
U.S. TOTAL-----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

1/ DATA APPLY TO ESTABLISHMENTS REPORTING TO THIS QUESTION.

APPENDIX TABLE 82.--DRY FORMULA FEED: UTILIZATION OF ANNUAL RATED CAPACITY, BY OWNERSHIP,  
REGION, AND BY SIZE INTERVAL, 1975

REGION AND SIZE INTERVAL	TYPE OF OWNERSHIP				WEIGHTED AVERAGE
	CORPORATION	PARTNERSHIP	SINGLE OWNER	FARMER	
	COOPERATIVE				
- PERCENT -					
NORTHEAST:					
UP TO 999 TONS--:	6.3	16.2	15.4	8.8	9.2
1,000-9,999 TONS--:	45.1	70.0	43.0	49.4	47.3
10,000-24,999 TONS--:	73.3	83.9	57.1	69.4	70.8
25,000-49,999 TONS--:	84.9	0.0	75.4	70.0	77.7
50,000 TONS AND UP--:	134.4	0.0	121.4	75.6	125.4
WEIGHTED AVERAGE--:	97.1	71.8	89.6	66.1	91.6
LAKE STATES:					
UP TO 999 TONS--:	7.7	13.1	6.5	12.5	8.9
1,000-9,999 TONS--:	22.1	40.2	32.5	22.3	24.7
10,000-24,999 TONS--:	70.7	44.9	57.8	47.4	56.5
25,000-49,999 TONS--:	63.9	0.0	0.0	109.4	87.9
50,000 TONS AND UP--:	123.6	50.0	113.7	108.5	109.0
WEIGHTED AVERAGE--:	54.3	45.3	47.2	75.2	60.4
CORN BELT:					
UP TO 999 TONS--:	7.6	12.1	9.0	8.6	8.5
1,000-9,999 TONS--:	32.8	37.0	27.0	32.3	31.9
10,000-24,999 TONS--:	66.3	75.1	55.2	67.9	66.2
25,000-49,999 TONS--:	83.6	0.0	84.8	79.5	82.8
50,000 TONS AND UP--:	126.7	248.1	116.2	149.5	150.7
WEIGHTED AVERAGE--:	65.4	101.5	47.9	56.9	62.8
NORTHERN PLAINS:					
UP TO 999 TONS--:	6.8	7.2	11.2	7.4	7.8
1,000-9,999 TONS--:	34.6	31.4	23.5	28.5	30.3
10,000-24,999 TONS--:	83.9	183.7	78.3	52.4	70.8
25,000-49,999 TONS--:	99.4	117.8	116.8	87.8	101.0
50,000 TONS AND UP--:	110.7	100.0	100.0	112.2	110.6
WEIGHTED AVERAGE--:	79.7	49.1	34.6	40.7	61.6
APPALACHIAN:					
UP TO 999 TONS--:	6.4	7.2	6.3	15.5	8.2
1,000-9,999 TONS--:	44.4	58.2	49.8	51.9	48.0
10,000-24,999 TONS--:	72.2	134.6	114.8	65.5	74.1
25,000-49,999 TONS--:	71.1	100.0	134.6	0.0	76.3
50,000 TONS AND UP--:	129.5	0.0	161.4	153.7	135.4
WEIGHTED AVERAGE--:	93.0	51.4	92.7	184.4	91.9
SOUTHEAST:					
UP TO 999 TONS--:	8.4	3.3	3.5	9.4	4.9
1,000-9,999 TONS--:	23.7	37.3	37.5	16.7	26.8
10,000-24,999 TONS--:	56.7	101.9	41.8	75.4	57.8
25,000-49,999 TONS--:	104.1	147.1	89.9	77.0	101.1
50,000 TONS AND UP--:	125.7	128.5	0.0	138.6	138.3
WEIGHTED AVERAGE--:	92.3	114.8	28.8	135.9	91.5

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APPENDIX TABLE 82---DRY FORMULA FEED: UTILIZATION OF ANNUAL RATED CAPACITY, BY OWNERSHIP,  
REGION, AND BY SIZE INTERVAL, 1975 ---CONTINUED

REGION AND SIZE INTERVAL	TYPE OF OWNERSHIP				WEIGHTED AVERAGE
	CORPORATION	PARTNERSHIP	SINGLE OWNER	FARMER	
	PERCENT				
<b>DELTA STATES:</b>					
UP TO 999 TONS---	5.2	11.1	1.9	0.0	5.6
1,000-9,999 TONS--	39.9	28.6	67.6	46.0	42.3
10,000-24,999 TONS--	65.1	0.0	72.7	0.0	66.5
25,000-49,999 TONS--	108.1	99.7	0.0	100.0	104.3
50,000 TONS AND UP--	130.1	124.0	128.5	131.0	130.9
WEIGHTED AVERAGE--	109.8	81.0	89.1	115.1	106.8
<b>SOUTHERN PLAINS:</b>					
UP TO 999 TONS---	13.4	24.4	7.0	0.0	10.7
1,000-9,999 TONS--	39.9	47.3	37.9	17.3	35.2
10,000-24,999 TONS--	54.0	125.0	123.1	142.8	71.1
25,000-49,999 TONS--	92.5	69.9	118.4	201.5	96.7
50,000 TONS AND UP--	143.3	60.1	120.0	96.0	112.0
WEIGHTED AVERAGE--	107.9	60.7	113.4	55.7	100.0
<b>MOUNTAIN:</b>					
UP TO 999 TONS---	7.1	11.2	7.5	16.1	9.7
1,000-9,999 TONS--	37.9	51.3	19.0	34.3	36.5
10,000-24,999 TONS--	57.3	101.6	46.1	87.0	60.7
25,000-49,999 TONS--	91.7	93.3	110.3	79.5	98.7
50,000 TONS AND UP--	124.0	120.0	0.0	121.2	134.1
WEIGHTED AVERAGE--	94.0	102.1	53.8	68.1	93.4
<b>PACIFIC:</b>					
UP TO 999 TONS---	0.0	19.2	0.0	23.1	20.9
1,000-9,999 TONS--	62.6	43.5	34.8	64.6	51.9
10,000-24,999 TONS--	80.5	93.8	103.3	119.3	87.9
25,000-49,999 TONS--	75.7	51.3	0.0	127.7	76.9
50,000 TONS AND UP--	113.0	146.0	0.0	144.7	120.9
WEIGHTED AVERAGE--	99.3	108.3	62.7	135.4	103.7
<b>U.S. TOTAL:</b>					
UP TO 999 TONS---	7.5	9.8	6.9	9.6	8.1
1,000-9,999 TONS--	33.4	42.7	32.9	30.2	32.9
10,000-24,999 TONS--	66.7	79.6	69.5	59.8	65.8
25,000-49,999 TONS--	87.9	89.2	124.6	89.3	89.5
50,000 TONS AND UP--	126.6	143.1	127.2	151.3	137.0
WEIGHTED AVERAGE--	85.4	82.7	68.6	68.4	79.8

APPENDIX TABLE 83.--LIQUID FORMULA FEED: ESTABLISHMENTS, ANNUAL RATED CAPACITY, AND UTILIZATION, BY REGION AND SIZE INTERVAL, 1975 1/

REGION AND SIZE INTERVAL	ESTABLISHMENT	ANNUAL CAPACITY	UTILIZATION
	NUMBER	TONS	PERCENT
<b>NORTHEAST:</b>			
UP TO 999 TONS--	1	1887	48
1,000-9,999 TONS--	19	28562	12
10,000-24,999 TONS--	6	50537	4
25,000-49,999 TONS--	2	8656	6
50,000 TONS AND UP--	2	174276	10
<b>TOTAL-----</b>	<b>31</b>	<b>263919</b>	<b>9</b>
<b>LAKE STATES:</b>			
UP TO 999 TONS--	4	2560	14
1,000-9,999 TONS--	22	105697	21
10,000-24,999 TONS--	14	60676	18
25,000-49,999 TONS--	5	25201	49
50,000 TONS AND UP--	1	23771	43
<b>TOTAL-----</b>	<b>46</b>	<b>217905</b>	<b>26</b>
<b>CORN BELT:</b>			
UP TO 999 TONS--	5	9434	3
1,000-9,999 TONS--	26	123317	11
10,000-24,999 TONS--	30	401999	21
25,000-49,999 TONS--	4	29606	48
50,000 TONS AND UP--	9	319378	76
<b>TOTAL-----</b>	<b>74</b>	<b>883735</b>	<b>40</b>
<b>NORTHERN PLAINS:</b>			
UP TO 999 TONS--	3	3605	18
1,000-9,999 TONS--	22	99164	19
10,000-24,999 TONS--	7	50998	25
25,000-49,999 TONS--	14	413743	22
50,000 TONS AND UP--	10	369141	44
<b>TOTAL-----</b>	<b>57</b>	<b>936650</b>	<b>31</b>
<b>APPALACHIAN:</b>			
UP TO 999 TONS--	1	1498	16
1,000-9,999 TONS--	9	6603	43
10,000-24,999 TONS--	1	120	88
25,000-49,999 TONS--	6	0	0
50,000 TONS AND UP--	4	118029	37
<b>TOTAL-----</b>	<b>15</b>	<b>126250</b>	<b>37</b>
<b>SOUTHEAST:</b>			
UP TO 999 TONS--	8	34157	0
1,000-9,999 TONS--	17	98820	14
10,000-24,999 TONS--	1	37818	22
25,000-49,999 TONS--	6	16230	25
50,000 TONS AND UP--	3	96345	12
<b>TOTAL-----</b>	<b>35</b>	<b>283370</b>	<b>19</b>

1/ See footnote explanation at end of table.

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APPENDIX TABLE 83.--LIQUID FORMULA FEED: ESTABLISHMENTS, ANNUAL RATED CAPACITY, AND UTILIZATION, BY REGION AND SIZE INTERVAL, 1975 ---CONTINUED

REGION AND SIZE INTERVAL	ESTABLISHMENT	ANNUAL CAPACITY	UTILIZATION
	NUMBER	TONS	PERCENT
<b>DELTA STATES:</b>			
UP TO 999 TONS---	0	0	0
1,000-9,999 TONS--	1	53333	15
10,000-24,999 TONS--	0	0	29
25,000-49,999 TONS--	0	0	0
50,000 TONS AND UP--	1	66198	11
<b>TOTAL-----</b>	<b>3</b>	<b>119532</b>	<b>13</b>
<b>SOUTHERN PLAINS:</b>			
UP TO 999 TONS--	0	0	0
1,000-9,999 TONS--	3	23013	20
10,000-24,999 TONS--	1	5316	63
25,000-49,999 TONS--	4	89643	21
50,000 TONS AND UP--	1	28264	33
<b>TOTAL-----</b>	<b>9</b>	<b>146234</b>	<b>24</b>
<b>MOUNTAIN:</b>			
UP TO 999 TONS--	4	22533	7
1,000-9,999 TONS--	4	48048	8
10,000-24,999 TONS--	1	9360	53
25,000-49,999 TONS--	6	218852	85
50,000 TONS AND UP--	0	0	0
<b>TOTAL-----</b>	<b>16</b>	<b>298794</b>	<b>66</b>
<b>PACIFIC:</b>			
UP TO 999 TONS--	0	0	0
1,000-9,999 TONS--	6	14613	38
10,000-24,999 TONS--	2	43619	3
25,000-49,999 TONS--	2	1875	56
50,000 TONS AND UP--	2	228286	2
<b>TOTAL-----</b>	<b>11</b>	<b>288394</b>	<b>4</b>
<b>U.S. TOTAL:</b>			
UP TO 999 TONS--	26	75675	5
1,000-9,999 TONS--	129	601171	16
10,000-24,999 TONS--	65	660442	28
25,000-49,999 TONS--	42	803806	43
50,000 TONS AND UP--	33	1423688	36
<b>TOTAL-----</b>	<b>295</b>	<b>3564783</b>	<b>30</b>

1/ DATA APPLY ONLY TO ESTABLISHMENTS REPORTING CAPACITY DATA.

APPENDIX TABLE B4.--SHIFTS OPERATED BY FEED MANUFACTURERS: ESTABLISHMENTS BY NUMBER OF SHIFTS, BY STATE AND REGION, 1975

STATE AND REGION	TOTAL ESTABLISHMENTS	SHIFTS OPERATED		
		1	2	3
NUMBER				
MAINE-----	12	4	5	3
NEW HAMPSHIRE-----	7	3	3	0
VERMONT-----	9	2	4	0
MASSACHUSETTS-----	13	9	4	0
CONNECTICUT-----	3	2	2	0
NEW YORK-----	225	202	21	2
NEW JERSEY-----	19	17	0	2
PENNSYLVANIA-----	245	220	23	2
DELAWARE-----	17	10	7	0
MARYLAND-----	52	49	11	1
NORTHEAST-----	611	519	79	13
MICHIGAN-----	147	143	3	1
WISCONSIN-----	415	404	9	3
MINNESOTA-----	368	291	17	0
LAKE STATES-----	870	638	29	4
OHIO-----	335	328	6	1
INDIANA-----	371	359	9	3
ILLINOIS-----	372	345	22	5
IDAHO-----	581	548	27	6
MISSOURI-----	241	220	16	5
CORN BELT-----	1900	1799	80	20
NORTH DAKOTA-----	56	55	1	0
SOUTH DAKOTA-----	113	107	6	0
NEBRASKA-----	266	242	21	3
KANSAS-----	438	428	8	3
NORTHERN PLAINS-----	873	831	37	6
VIRGINIA-----	87	81	4	2
WEST VIRGINIA-----	12	12	0	0
NORTH CAROLINA-----	189	165	12	8
KENTUCKY-----	113	107	6	0
TENNESSEE-----	86	69	12	5
APPALACHIAN-----	482	434	33	15
SOUTH CAROLINA-----	49	48	1	0
GEORGIA-----	157	132	17	8
FLORIDA-----	86	73	7	6
ALABAMA-----	99	83	9	7
SOUTHEAST-----	391	336	35	21
MISSISSIPPI-----	77	63	10	4
ARKANSAS-----	83	56	21	5
LOUISIANA-----	36	29	4	3
DELTA STATES-----	196	148	36	12
OKLAHOMA-----	115	100	8	8
TEXAS-----	358	308	45	5
SOUTHERN PLAINS-----	473	408	53	13
MONTANA-----	57	50	5	2
IDAHO-----	76	73	3	0
WYOMING-----	12	12	0	0
COLORADO-----	64	58	6	0
NEW MEXICO-----	27	24	2	2
ARIZONA-----	24	15	5	3
UTAH-----	37	35	2	0
NEVADA-----	7	5	2	0
MOUNTAIN-----	304	272	25	7
WASHINGTON-----	45	29	15	1
OREGON-----	43	37	4	1
CALIFORNIA-----	151	101	28	22
PACIFIC-----	239	167	47	25
47 STATES-----	5340	5751	453	136

APPENDIX TABLE B5.--EMPLOYMENT IN FEED MANUFACTURING: PRODUCTION AND ALL EMPLOYEES, TOTAL AND AVERAGE PER ESTABLISHMENT ON MARCH 15, 1975, BY STATE AND REGION

STATE AND REGION	TOTAL ESTABLISHMENTS	PRODUCTION EMPLOYEES		ALL EMPLOYEES	
		TOTAL	PER ESTABLISHMENT	TOTAL	PER ESTABLISHMENT
NUMBER					
MAINE-----	12.	117.	9.8	165.	13.8
NEW HAMPSHIRE-----	7.	88.	13.2	148.	22.2
VERMONT-----	9.	282.	31.3	367.	40.8
MASSACHUSETTS-----	13.	132.	10.4	257.	16.3
CONNECTICUT-----	3.	29.	9.5	36.	12.0
NEW YORK-----	225.	1521.	6.8	2256.	10.0
NEW JERSEY-----	19.	184.	9.7	271.	14.3
PENNSYLVANIA-----	241.	1966.	8.2	2829.	11.7
DELAWARE-----	17.	233.	13.7	358.	21.0
MARYLAND-----	61.	524.	8.6	812.	13.4
NORTHEAST-----	506.	5074.	8.4	7450.	12.3
MICHIGAN-----	147.	1175.	8.0	1507.	10.3
WISCONSIN-----	412.	2265.	5.5	3454.	8.4
MINNESOTA-----	308.	1708.	5.5	2617.	8.5
LAKE STATES-----	867.	5148.	5.9	7582.	8.7
OHIO-----	328.	2248.	6.8	3083.	9.4
INDIANA-----	353.	1992.	5.6	3105.	8.8
ILLINOIS-----	371.	2625.	7.1	4008.	10.8
IOWA-----	581.	3242.	5.6	5466.	9.4
MISSOURI-----	240.	2285.	9.5	3015.	12.6
CORN BELT-----	1873.	12392.	6.6	18677.	10.0
NORTH DAKOTA-----	56.	220.	3.9	332.	5.9
SOUTH DAKOTA-----	113.	596.	5.3	840.	7.4
NEBRASKA-----	266.	1339.	5.8	2140.	8.1
KANSAS-----	425.	1971.	4.6	3188.	7.5
NORTHERN PLAINS-----	860.	4325.	5.0	6500.	7.6
VIRGINIA-----	87.	502.	5.8	879.	10.1
WEST VIRGINIA-----	12.	136.	11.3	142.	11.8
NORTH CAROLINA-----	184.	1535.	8.3	2279.	12.4
KENTUCKY-----	113.	669.	5.9	942.	8.5
TENNESSEE-----	85.	1143.	13.5	1523.	18.0
APPALACHIAN-----	481.	3984.	8.3	5765.	12.0
SOUTH CAROLINA-----	49.	580.	11.8	721.	14.7
GEORGIA-----	154.	1406.	9.1	2175.	14.1
FLORIDA-----	86.	857.	10.0	1240.	14.4
ALABAMA-----	98.	879.	9.0	1266.	13.0
SOUTHEAST-----	386.	3721.	9.6	5402.	14.0
MISSISSIPPI-----	77.	680.	8.8	878.	11.4
ARKANSAS-----	83.	880.	10.6	1309.	15.8
LOUISIANA-----	36.	491.	13.6	686.	19.0
DELTA STATES-----	196.	2051.	10.5	2872.	14.7
OKLAHOMA-----	115.	1195.	10.4	1788.	15.5
TEXAS-----	358.	3933.	11.0	6011.	16.8
SOUTHERN PLAINS-----	473.	5128.	10.8	7799.	16.5
MONTANA-----	57.	331.	5.8	484.	8.5
IDAHO-----	76.	422.	5.5	678.	8.9
WYOMING-----	12.	77.	6.4	105.	8.6
COLORADO-----	61.	408.	6.7	615.	10.0
NEW MEXICO-----	27.	244.	9.0	345.	12.8
ARIZONA-----	24.	307.	12.8	526.	21.9
UTAH-----	37.	193.	5.2	304.	8.2
NEVADA-----	7.	67.	9.5	74.	10.5
MOUNTAIN-----	301.	2047.	6.8	3131.	10.4
WASHINGTON-----	45.	375.	8.3	652.	14.5
OREGON-----	42.	309.	7.4	420.	10.1
CALIFORNIA-----	151.	1884.	12.5	2905.	19.2
PACIFIC-----	238.	2568.	10.8	3976.	16.7
47 STATES-----	6282.	66438.	7.4	69152.	11.0

APPENDIX TABLE 86.--LABOR: PRODUCTION EMPLOYEES AND ALL EMPLOYEES, AVERAGE NUMBER PER ESTABLISHMENT AND OUTPUT PER EMPLOYEE, BY OWNERSHIP AND SIZE INTERVAL,  
NORTHEAST REGION, 1975 1/

OWNERSHIP AND SIZE INTERVAL	PRODUCTION EMPLOYEES		ALL EMPLOYEES	
	AVERAGE PER ESTABLISHMENT	OUTPUT PER EMPLOYEE	AVERAGE PER ESTABLISHMENT	OUTPUT PER EMPLOYEE
	NUMBER	TONS	NUMBER	TONS
<b>CORPORATION:</b>				
UP TO 999 TONS---	2.7	188.	4.0	130.
1,000-9,999 TONS--	5.8	759.	8.6	508.
10,000-24,999 TONS--	9.6	1536.	13.7	1069.
25,000-49,999 TONS--	14.5	2253.	22.3	1465.
50,000 TONS AND UP--	27.6	4278.	43.1	2739.
WEIGHTED AVERAGE--	10.0	2403.	15.2	1584.
<b>PARTNERSHIP:</b>				
UP TO 999 TONS---	4.0	268.	5.0	167.
1,000-9,999 TONS--	5.2	912.	7.1	665.
10,000-24,999 TONS--	15.0	853.	17.7	725.
25,000-49,999 TONS--	0.0	0.	0.0	0.
50,000 TONS AND UP--	0.0	0.	0.0	0.
WEIGHTED AVERAGE--	6.6	863.	8.6	665.
<b>SINGLE OWNER:</b>				
UP TO 999 TONS---	2.2	223.	2.6	187.
1,000-9,999 TONS--	3.3	1284.	4.7	918.
10,000-24,999 TONS--	6.9	2177.	9.0	1671.
25,000-49,999 TONS--	53.5	778.	69.0	603.
50,000 TONS AND UP--	18.3	3093.	26.9	2115.
WEIGHTED AVERAGE--	5.0	2675.	6.8	1975.
<b>COOPERATIVE:</b>				
UP TO 999 TONS---	3.2	194.	4.2	149.
1,000-9,999 TONS--	4.9	851.	7.8	539.
10,000-24,999 TONS--	9.1	1458.	14.0	945.
25,000-49,999 TONS--	14.0	2654.	22.6	1637.
50,000 TONS AND UP--	31.0	2963.	38.4	2394.
WEIGHTED AVERAGE--	8.5	1913.	12.3	1317.
<b>TOTAL:</b>				
UP TO 999 TONS---	2.8	208.	3.7	152.
1,000-9,999 TONS--	4.9	881.	7.3	591.
10,000-24,999 TONS--	9.6	1470.	13.7	1037.
25,000-49,999 TONS--	16.1	2156.	24.6	1412.
50,000 TONS AND UP--	27.7	4673.	40.4	3212.
WEIGHTED AVERAGE--	8.4	2340.	12.3	1594.

1/ DATA APPLY ONLY TO ESTABLISHMENTS REPORTING BOTH EMPLOYMENT AND PRODUCTION DATA.

APPENDIX TABLE 87.--LABOR: PRODUCTION EMPLOYEES AND ALL EMPLOYEES, AVERAGE NUMBER PER ESTABLISHMENT AND OUTPUT PER EMPLOYEE, BY OWNERSHIP AND SIZE INTERVAL,  
LAKE STATES REGION, 1975 1/

OWNERSHIP AND SIZE INTERVAL	PRODUCTION EMPLOYEES		ALL EMPLOYEES	
	AVERAGE PER ESTABLISHMENT	OUTPUT PER EMPLOYEE	AVERAGE PER ESTABLISHMENT	OUTPUT PER EMPLOYEE
	NUMBER	TONS	NUMBER	TONS
<b>CORPORATION:</b>				
UP TO 999 TONS--:	3.4	141.	5.7	83.
1,000-9,999 TONS--:	5.1	834.	7.7	550.
10,000-24,999 TONS--:	11.8	1159.	14.6	935.
25,000-49,999 TONS--:	10.1	3413.	18.9	1826.
50,000 TONS AND UP--:	19.9	4058.	34.1	2368.
WEIGHTED AVERAGE--:	7.4	1586.	11.0	1068.
<b>PARTNERSHIP:</b>				
UP TO 999 TONS--:	3.3	240.	3.6	226.
1,000-9,999 TONS--:	3.6	1070.	4.3	889.
10,000-24,999 TONS--:	3.7	4948.	4.7	3902.
25,000-49,999 TONS--:	0.0	0.	0.0	0.
50,000 TONS AND UP--:	4.0	3720.	4.0	3720.
WEIGHTED AVERAGE--:	3.6	3437.	4.2	2919.
<b>SINGLE OWNER:</b>				
UP TO 999 TONS--:	2.0	191.	2.0	191.
1,000-9,999 TONS--:	3.2	1409.	3.9	1152.
10,000-24,999 TONS--:	4.0	3364.	4.6	2941.
25,000-49,999 TONS--:	0.0	0.	0.0	0.
50,000 TONS AND UP--:	4.0	2953.	5.0	2362.
WEIGHTED AVERAGE--:	3.2	2131.	3.9	1779.
<b>COOPERATIVE:</b>				
UP TO 999 TONS--:	6.4	68.	7.9	56.
1,000-9,999 TONS--:	4.8	792.	7.1	538.
10,000-24,999 TONS--:	6.7	2079.	11.8	1176.
25,000-49,999 TONS--:	10.4	3155.	16.5	1987.
50,000 TONS AND UP--:	6.7	3778.	13.3	1960.
WEIGHTED AVERAGE--:	5.8	2507.	9.0	1619.
<b>TOTAL:</b>				
UP TO 999 TONS--:	4.2	112.	5.8	81.
1,000-9,999 TONS--:	4.5	914.	6.5	633.
10,000-24,999 TONS--:	8.5	1635.	11.9	1170.
25,000-49,999 TONS--:	10.3	3240.	17.3	1928.
50,000 TONS AND UP--:	14.1	3750.	24.2	2310.
WEIGHTED AVERAGE--:	5.9	2018.	8.7	1370.

1/ DATA APPLY ONLY TO ESTABLISHMENTS REPORTING BOTH EMPLOYMENT AND PRODUCTION DATA.

APPENDIX TABLE 88.--LABOR: PRODUCTION EMPLOYEES AND ALL EMPLOYEES, AVERAGE NUMBER PER ESTABLISHMENT AND OUTPUT PER EMPLOYEE, BY OWNERSHIP AND SIZE INTERVAL,  
CORN BELT REGION, 1975 1/

OWNERSHIP AND SIZE INTERVAL	PRODUCTION EMPLOYEES		ALL EMPLOYEES	
	AVERAGE PER ESTABLISHMENT	OUTPUT PER EMPLOYEE	AVERAGE PER ESTABLISHMENT	OUTPUT PER EMPLOYEE
	NUMBER	TONS	NUMBER	TONS
<b>CORPORATION:</b>				
UP TO 999 TONS--:	4.1	131.	6.0	91.
1,000-9,999 TONS--:	4.8	834.	7.3	547.
10,000-24,999 TONS--:	7.2	2095.	11.7	1295.
25,000-49,999 TONS--:	17.2	1920.	25.9	1274.
50,000 TONS AND UP--:	42.4	2050.	60.0	1437.
WEIGHTED AVERAGE--:	8.0	1510.	12.0	1002.
<b>PARTNERSHIP:</b>				
UP TO 999 TONS--:	1.9	320.	3.9	154.
1,000-9,999 TONS--:	3.6	1027.	4.7	791.
10,000-24,999 TONS--:	4.0	4219.	5.0	3383.
25,000-49,999 TONS--:	0.0	0.	0.0	0.
50,000 TONS AND UP--:	10.0	2188.	10.8	2017.
WEIGHTED AVERAGE--:	3.6	3760.	4.8	2810.
<b>SINGLE OWNER:</b>				
UP TO 999 TONS--:	2.2	218.	2.7	173.
1,000-9,999 TONS--:	2.8	1168.	3.8	858.
10,000-24,999 TONS--:	4.3	3191.	4.8	2863.
25,000-49,999 TONS--:	20.0	2205.	25.0	1764.
50,000 TONS AND UP--:	32.4	4040.	41.1	3179.
WEIGHTED AVERAGE--:	3.3	1686.	4.4	1284.
<b>COOPERATIVE:</b>				
UP TO 999 TONS--:	4.1	126.	5.3	95.
1,000-9,999 TONS--:	4.7	840.	8.0	494.
10,000-24,999 TONS--:	7.7	1769.	12.7	1078.
25,000-49,999 TONS--:	12.9	2308.	16.0	1862.
50,000 TONS AND UP--:	47.6	2353.	61.4	1826.
WEIGHTED AVERAGE--:	6.6	1351.	10.2	871.
<b>TOTAL:</b>				
UP TO 999 TONS--:	3.4	153.	4.8	109.
1,000-9,999 TONS--:	4.3	881.	6.8	567.
10,000-24,999 TONS--:	7.2	2045.	11.6	1272.
25,000-49,999 TONS--:	16.4	1987.	23.9	1361.
50,000 TONS AND UP--:	41.0	2499.	56.3	1805.
WEIGHTED AVERAGE--:	6.7	1543.	10.0	1029.

1/ DATA APPLY ONLY TO ESTABLISHMENTS REPORTING BOTH EMPLOYMENT AND PRODUCTION DATA.

APPENDIX TABLE 89.--LABOR: PRODUCTION EMPLOYEES AND ALL EMPLOYEES, AVERAGE NUMBER PER ESTABLISHMENT AND OUTPUT PER EMPLOYEE, BY OWNERSHIP AND SIZE INTERVAL,  
NORTHERN PLAINS REGION, 1975 1/

OWNERSHIP AND SIZE INTERVAL	PRODUCTION EMPLOYEES		ALL EMPLOYEES	
	AVERAGE PER ESTABLISHMENT	OUTPUT PER EMPLOYEE	AVERAGE PER ESTABLISHMENT	OUTPUT PER EMPLOYEE
	NUMBER	TONS	NUMBER	TONS
<b>CORPORATION:</b>				
UP TO 999 TONS--::	2.2	240.	3.8	140.
1,000-9,999 TONS--::	4.3	794.	5.9	572.
10,000-24,999 TONS--::	7.3	1942.	12.1	1175.
25,000-49,999 TONS--::	13.6	2699.	19.6	1868.
50,000 TONS AND UP--::	16.8	4214.	26.3	2692.
WEIGHTED AVERAGE--::	6.6	2516.	9.6	1683.
<b>PARTNERSHIP:</b>				
UP TO 999 TONS--::	3.6	183.	4.8	137.
1,000-9,999 TONS--::	3.2	1176.	4.3	871.
10,000-24,999 TONS--::	6.3	2441.	7.3	2098.
25,000-49,999 TONS--::	4.0	3500.	5.0	2800.
50,000 TONS AND UP--::	6.0	4370.	7.0	3746.
WEIGHTED AVERAGE--::	3.8	2009.	4.9	1553.
<b>SINGLE OWNER:</b>				
UP TO 999 TONS--::	2.0	311.	2.7	231.
1,000-9,999 TONS--::	2.5	1416.	3.6	963.
10,000-24,999 TONS--::	3.0	4414.	8.0	1655.
25,000-49,999 TONS--::	8.0	4625.	8.0	4625.
50,000 TONS AND UP--::	2.0	4600.	2.0	4600.
WEIGHTED AVERAGE--::	2.4	1886.	3.5	1315.
<b>COOPERATIVE:</b>				
UP TO 999 TONS--::	3.5	179.	4.7	134.
1,000-9,999 TONS--::	3.6	1144.	5.8	713.
10,000-24,999 TONS--::	5.9	2517.	9.2	1627.
25,000-49,999 TONS--::	7.9	4342.	10.7	3197.
50,000 TONS AND UP--::	14.1	4184.	18.1	3247.
WEIGHTED AVERAGE--::	4.2	1644.	6.4	1067.
<b>TOTAL:</b>				
UP TO 999 TONS--::	2.8	213.	4.0	149.
1,000-9,999 TONS--::	3.8	989.	5.6	669.
10,000-24,999 TONS--::	6.7	2174.	10.6	1367.
25,000-49,999 TONS--::	12.2	2982.	17.3	2092.
50,000 TONS AND UP--::	15.5	4375.	23.4	3150.
WEIGHTED AVERAGE--::	5.1	2194.	7.6	1467.

1/ DATA APPLY ONLY TO ESTABLISHMENTS REPORTING BOTH EMPLOYMENT AND PRODUCTION DATA.

APPENDIX TABLE 9G.--LABOR: PRODUCTION EMPLOYEES AND ALL EMPLOYEES, AVERAGE NUMBER PER ESTABLISHMENT AND OUTPUT PER EMPLOYEE, BY OWNERSHIP AND SIZE INTERVAL,  
APPALACHIAN REGION, 1975 1/

OWNERSHIP AND SIZE INTERVAL	PRODUCTION EMPLOYEES		ALL EMPLOYEES	
	AVERAGE PER ESTABLISHMENT	OUTPUT PER EMPLOYEE	AVERAGE PER ESTABLISHMENT	OUTPUT PER EMPLOYEE
	NUMBER	TONS	NUMBER	TONS
<b>CORPORATION:</b>				
UP TO 999 TONS--:	3.4	152.	5.0	102.
1,000-9,999 TONS--:	6.1	742.	8.8	517.
10,000-24,999 TONS--:	12.5	1196.	17.2	870.
25,000-49,999 TONS--:	20.3	1711.	32.4	1076.
50,000 TONS AND UP--:	33.2	3332.	46.0	2407.
WEIGHTED AVERAGE--:	11.7	1980.	16.5	1398.
<b>PARTNERSHIP:</b>				
UP TO 999 TONS--:	4.4	141.	6.4	96.
1,000-9,999 TONS--:	4.1	754.	5.0	604.
10,000-24,999 TONS--:	5.0	2800.	7.0	2000.
25,000-49,999 TONS--:	13.0	3200.	14.0	2971.
50,000 TONS AND UP--:	0.0	0.	0.0	0.
WEIGHTED AVERAGE--:	4.3	802.	5.5	619.
<b>SINGLE OWNER:</b>				
UP TO 999 TONS--:	3.5	106.	5.7	65.
1,000-9,999 TONS--:	3.2	904.	4.0	712.
10,000-24,999 TONS--:	5.5	3026.	6.9	2411.
25,000-49,999 TONS--:	5.0	5600.	6.0	4667.
50,000 TONS AND UP--:	9.0	7928.	23.7	3572.
WEIGHTED AVERAGE--:	3.6	1882.	5.7	1517.
<b>COOPERATIVE:</b>				
UP TO 999 TONS--:	2.1	325.	5.7	116.
1,000-9,999 TONS--:	4.4	656.	6.7	436.
10,000-24,999 TONS--:	7.9	2121.	15.7	1064.
25,000-49,999 TONS--:	0.0	0.	0.0	0.
50,000 TONS AND UP--:	36.6	2488.	47.2	1931.
WEIGHTED AVERAGE--:	7.6	1666.	11.0	1092.
<b>TOTAL:</b>				
UP TO 999 TONS--:	3.3	168.	5.7	97.
1,000-9,999 TONS--:	4.9	753.	6.8	537.
10,000-24,999 TONS--:	11.7	1291.	16.3	926.
25,000-49,999 TONS--:	18.2	1912.	28.1	1237.
50,000 TONS AND UP--:	31.7	3271.	43.7	2387.
WEIGHTED AVERAGE--:	8.5	1840.	12.0	1305.

1/ DATA APPLY ONLY TO ESTABLISHMENTS REPORTING BOTH EMPLOYMENT AND PRODUCTION DATA.

APPENDIX TABLE 91.--LABOR: PRODUCTION EMPLOYEES AND ALL EMPLOYEES, AVERAGE NUMBER PER ESTABLISHMENT AND OUTPUT PER EMPLOYEE, BY OWNERSHIP AND SIZE INTERVAL,  
SOUTHEAST REGION, 1975 1/

OWNERSHIP AND SIZE INTERVAL	PRODUCTION EMPLOYEES		ALL EMPLOYEES	
	AVERAGE PER ESTABLISHMENT	OUTPUT PER EMPLOYEE	AVERAGE PER ESTABLISHMENT	OUTPUT PER EMPLOYEE
	NUMBER	TONS	NUMBER	TONS
<b>CORPORATION:</b>				
UP TO 999 TONS---	3.6	101.	5.8	62.
1,000-9,999 TONS--	4.4	734.	7.7	425.
10,000-24,999 TONS--	11.9	1306.	16.7	928.
25,000-49,999 TONS--	15.0	2387.	20.3	1760.
50,000 TONS AND UP--	32.0	3561.	45.6	2495.
WEIGHTED AVERAGE--	12.3	2409.	17.8	1653.
<b>PARTNERSHIP:</b>				
UP TO 999 TONS---	4.5	161.	4.5	161.
1,000-9,999 TONS--	6.3	405.	4.1	467.
10,000-24,999 TONS--	4.0	5346.	4.0	5346.
25,000-49,999 TONS--	15.0	2550.	16.0	2391.
50,000 TONS AND UP--	5.0	3710.	7.0	2650.
WEIGHTED AVERAGE--	6.5	3606.	5.4	3313.
<b>SINGLE OWNER:</b>				
UP TO 999 TONS---	1.6	349.	2.1	272.
1,000-9,999 TONS--	3.7	946.	5.4	630.
10,000-24,999 TONS--	1.0	3585.	1.0	3585.
25,000-49,999 TONS--	7.5	5331.	12.5	3198.
50,000 TONS AND UP--	0.0	0.	0.0	0.
WEIGHTED AVERAGE--	3.0	1417.	4.3	948.
<b>COOPERATIVE:</b>				
UP TO 999 TONS---	3.5	147.	5.7	90.
1,000-9,999 TONS--	3.5	457.	3.5	457.
10,000-24,999 TONS--	4.5	3444.	7.0	2206.
25,000-49,999 TONS--	6.5	4958.	9.5	3359.
50,000 TONS AND UP--	20.6	5506.	29.5	3850.
WEIGHTED AVERAGE--	8.2	4169.	11.7	2926.
<b>TOTAL:</b>				
UP TO 999 TONS---	2.8	169.	4.3	113.
1,000-9,999 TONS--	4.2	750.	6.5	476.
10,000-24,999 TONS--	10.5	1475.	14.8	1047.
25,000-49,999 TONS--	13.8	2592.	18.8	1904.
50,000 TONS AND UP--	29.1	3933.	41.5	2755.
WEIGHTED AVERAGE--	9.9	2545.	14.0	1756.

1/ DATA APPLY ONLY TO ESTABLISHMENTS REPORTING BOTH EMPLOYMENT AND PRODUCTION DATA.

APPENDIX TABLE 92.--LABOR: PRODUCTION EMPLOYEES AND ALL EMPLOYEES, AVERAGE NUMBER PER ESTABLISHMENT AND OUTPUT PER EMPLOYEE, BY OWNERSHIP AND SIZE INTERVAL,  
DELTA STATES REGION, 1975 1/

OWNERSHIP AND SIZE INTERVAL	PRODUCTION EMPLOYEES		ALL EMPLOYEES	
	AVERAGE PER ESTABLISHMENT	OUTPUT PER EMPLOYEE	AVERAGE PER ESTABLISHMENT	OUTPUT PER EMPLOYEE
	NUMBER	TONS	NUMBER	TONS
<b>CORPORATION:</b>				
UP TO 999 TONS---	3.0	172.	4.0	129.
1,000-9,999 TONS--	6.3	733.	9.1	502.
10,000-24,999 TONS--	9.6	1746.	15.8	1056.
25,000-49,999 TONS--	23.7	1712.	31.5	1289.
50,000 TONS AND UP--	20.9	4859.	30.6	3314.
WEIGHTED AVERAGE--	12.7	3156.	18.5	2167.
<b>PARTNERSHIP:</b>				
UP TO 999 TONS---	3.4	137.	4.2	113.
1,000-9,999 TONS--	4.9	670.	6.7	487.
10,000-24,999 TONS--	6.0	0.	8.0	0.
25,000-49,999 TONS--	5.0	6241.	7.5	4184.
50,000 TONS AND UP--	7.3	5483.	10.6	3721.
WEIGHTED AVERAGE--	5.0	3079.	6.9	2224.
<b>SINGLE OWNER:</b>				
UP TO 999 TONS---	2.0	200.	2.0	200.
1,000-9,999 TONS--	3.8	1179.	5.0	889.
10,000-24,999 TONS--	5.7	2125.	6.7	1806.
25,000-49,999 TONS--	0.0	0.	0.0	0.
50,000 TONS AND UP--	23.0	4262.	26.0	3770.
WEIGHTED AVERAGE--	4.8	1956.	6.0	1558.
<b>COOPERATIVE:</b>				
UP TO 999 TONS---	0.0	0.	0.0	0.
1,000-9,999 TONS--	5.7	524.	8.8	340.
10,000-24,999 TONS--	0.0	0.	0.0	0.
25,000-49,999 TONS--	22.3	1864.	25.1	1659.
50,000 TONS AND UP--	19.0	4297.	23.0	3548.
WEIGHTED AVERAGE--	13.4	2757.	16.7	2207.
<b>TOTAL:</b>				
UP TO 999 TONS---	3.1	155.	3.8	125.
1,000-9,999 TONS--	5.4	765.	7.8	532.
10,000-24,999 TONS--	8.5	1814.	13.4	1156.
25,000-49,999 TONS--	20.4	1932.	25.9	1525.
50,000 TONS AND UP--	19.5	4906.	27.5	3479.
WEIGHTED AVERAGE--	10.5	2997.	14.7	2140.

1/ DATA APPLY ONLY TO ESTABLISHMENTS REPORTING BOTH EMPLOYMENT AND PRODUCTION DATA.

APPENDIX TABLE 93.--LABOR: PRODUCTION EMPLOYEES AND ALL EMPLOYEES, AVERAGE NUMBER PER ESTABLISHMENT AND OUTPUT PER EMPLOYEE, BY OWNERSHIP AND SIZE INTERVAL,  
SOUTHERN PLAINS REGION, 1975 1/

OWNERSHIP AND SIZE INTERVAL	PRODUCTION EMPLOYEES		ALL EMPLOYEES	
	AVERAGE PER ESTABLISHMENT	OUTPUT PER EMPLOYEE	AVERAGE PER ESTABLISHMENT	OUTPUT PER EMPLOYEE
	NUMBER	TONS	NUMBER	TONS
<b>CORPORATION:</b>				
UP TO 999 TONS----	2.7	189.	3.8	134.
1,000-9,999 TONS--	6.7	664.	10.3	426.
10,000-24,999 TONS--	12.9	1254.	18.3	889.
25,000-49,999 TONS--	19.3	1876.	28.4	1272.
50,000 TONS AND UP--	30.0	3604.	45.6	2369.
WEIGHTED AVERAGE--	15.1	2414.	22.5	1606.
<b>PARTNERSHIP:</b>				
UP TO 999 TONS----	2.9	218.	3.6	175.
1,000-9,999 TONS--	5.3	857.	12.0	379.
10,000-24,999 TONS--	3.0	7067.	2.7	6581.
25,000-49,999 TONS--	6.3	5737.	18.7	1946.
50,000 TONS AND UP--	6.7	4604.	12.3	2537.
WEIGHTED AVERAGE--	5.0	2742.	10.4	1297.
<b>SINGLE OWNER:</b>				
UP TO 999 TONS----	2.0	292.	2.7	216.
1,000-9,999 TONS--	3.7	971.	5.1	700.
10,000-24,999 TONS--	6.0	2705.	7.1	2281.
25,000-49,999 TONS--	9.9	3348.	13.2	2512.
50,000 TONS AND UP--	5.8	3817.	9.7	2282.
WEIGHTED AVERAGE--	4.4	2977.	5.8	2224.
<b>COOPERATIVE:</b>				
UP TO 999 TONS----	0.0	0.	0.0	0.
1,000-9,999 TONS--	5.6	810.	9.1	500.
10,000-24,999 TONS--	6.1	2789.	9.9	1732.
25,000-49,999 TONS--	30.3	1317.	36.0	1110.
50,000 TONS AND UP--	14.0	4743.	27.5	2415.
WEIGHTED AVERAGE--	9.4	1639.	14.0	1099.
<b>TOTAL:</b>				
UP TO 999 TONS----	2.5	226.	3.3	167.
1,000-9,999 TONS--	5.5	767.	9.0	467.
10,000-24,999 TONS--	10.0	1647.	13.5	1212.
25,000-49,999 TONS--	18.1	1999.	26.5	1362.
50,000 TONS AND UP--	26.5	4015.	40.7	2614.
WEIGHTED AVERAGE--	10.9	2438.	16.5	1605.

1/ DATA APPLY ONLY TO ESTABLISHMENTS REPORTING BOTH EMPLOYMENT AND PRODUCTION DATA.

APPENDIX TABLE 94.--LABOR: PRODUCTION EMPLOYEES AND ALL EMPLOYEES, AVERAGE NUMBER PER ESTABLISHMENT AND OUTPUT PER EMPLOYEE, BY OWNERSHIP AND SIZE INTERVAL,  
MOUNTAIN REGION, 1975 1/

OWNERSHIP AND SIZE INTERVAL	PRODUCTION EMPLOYEES		ALL EMPLOYEES	
	AVERAGE PER ESTABLISHMENT	OUTPUT PER EMPLOYEE	AVERAGE PER ESTABLISHMENT	OUTPUT PER EMPLOYEE
	NUMBER	TONS	NUMBER	TONS
<b>CORPORATION:</b>				
UP TO 999 TONS---	2.1	219.	4.4	108.
1,000-9,999 TONS--	5.7	933.	8.4	616.
10,000-24,999 TONS--	8.7	1743.	12.2	1243.
25,000-49,999 TONS--	13.6	2498.	19.2	1760.
50,000 TONS AND UP--	10.6	4926.	18.8	2748.
WEIGHTED AVERAGE--	7.8	4204.	11.8	2730.
<b>PARTNERSHIP:</b>				
UP TO 999 TONS---	5.0	187.	5.0	187.
1,000-9,999 TONS--	2.2	2173.	2.7	1879.
10,000-24,999 TONS--	10.2	1305.	13.2	1012.
25,000-49,999 TONS--	12.0	3033.	15.0	2427.
50,000 TONS AND UP--	4.0	3900.	4.0	3900.
WEIGHTED AVERAGE--	5.6	3622.	6.1	3340.
<b>SINGLE OWNER:</b>				
UP TO 999 TONS---	2.2	255.	2.9	196.
1,000-9,999 TONS--	2.8	1220.	3.4	1007.
10,000-24,999 TONS--	3.3	4778.	4.6	3473.
25,000-49,999 TONS--	3.0	4667.	3.0	4667.
50,000 TONS AND UP--	0.0	0.	0.0	0.
WEIGHTED AVERAGE--	2.7	3198.	3.4	2524.
<b>COOPERATIVE:</b>				
UP TO 999 TONS---	3.6	248.	4.8	184.
1,000-9,999 TONS--	6.2	690.	10.0	428.
10,000-24,999 TONS--	8.1	1862.	12.1	1252.
25,000-49,999 TONS--	10.7	3153.	16.4	2062.
50,000 TONS AND UP--	17.5	3960.	22.5	3080.
WEIGHTED AVERAGE--	7.0	1675.	10.4	1116.
<b>TOTAL:</b>				
UP TO 999 TONS---	2.6	237.	4.0	154.
1,000-9,999 TONS--	5.4	925.	7.9	620.
10,000-24,999 TONS--	7.9	1923.	11.1	1366.
25,000-49,999 TONS--	12.5	2768.	17.7	1955.
50,000 TONS AND UP--	10.5	4451.	17.9	3081.
WEIGHTED AVERAGE--	7.0	3866.	10.4	2563.

1/ DATA APPLY ONLY TO ESTABLISHMENTS REPORTING BOTH EMPLOYMENT AND PRODUCTION DATA.

APPENDIX TABLE 95.--LABOR: PRODUCTION EMPLOYEES AND ALL EMPLOYEES, AVERAGE NUMBER PER ESTABLISHMENT AND OUTPUT PER EMPLOYEE, BY OWNERSHIP AND SIZE INTERVAL,  
PACIFIC REGION, 1975 1/

OWNERSHIP AND SIZE INTERVAL	PRODUCTION EMPLOYEES		ALL EMPLOYEES	
	AVERAGE PER ESTABLISHMENT	OUTPUT PER EMPLOYEE	AVERAGE PER ESTABLISHMENT	OUTPUT PER EMPLOYEE
	NUMBER	TONS	NUMBER	TONS
<b>CORPORATION:</b>				
UP TO 999 TONS--	0.0	0.	0.0	0.
1,000-9,999 TONS--	4.8	1064.	6.0	842.
10,000-24,999 TONS--	12.8	1364.	17.1	1022.
25,000-49,999 TONS--	11.0	3189.	16.6	2113.
50,000 TONS AND UP--	19.6	4961.	31.5	3089.
WEIGHTED AVERAGE--	13.0	3584.	19.5	2380.
<b>PARTNERSHIP:</b>				
UP TO 999 TONS--	0.0	0.	2.0	400.
1,000-9,999 TONS--	4.9	1022.	6.2	810.
10,000-24,999 TONS--	5.8	2749.	15.5	1022.
25,000-49,999 TONS--	14.0	2286.	20.0	1600.
50,000 TONS AND UP--	13.0	4211.	26.3	1590.
WEIGHTED AVERAGE--	6.6	2833.	11.7	1668.
<b>SINGLE OWNER:</b>				
UP TO 999 TONS--	0.0	0.	0.0	0.
1,000-9,999 TONS--	2.1	1087.	2.1	1087.
10,000-24,999 TONS--	9.2	1222.	11.2	1003.
25,000-49,999 TONS--	0.0	0.	0.0	0.
50,000 TONS AND UP--	0.0	0.	0.0	0.
WEIGHTED AVERAGE--	4.5	1180.	5.2	1026.
<b>COOPERATIVE:</b>				
UP TO 999 TONS--	4.0	180.	4.0	180.
1,000-9,999 TONS--	4.2	1527.	7.0	913.
10,000-24,999 TONS--	5.5	2809.	7.5	2068.
25,000-49,999 TONS--	12.5	3520.	15.0	2767.
50,000 TONS AND UP--	18.6	6078.	34.5	3272.
WEIGHTED AVERAGE--	10.5	4777.	17.7	2839.
<b>TOTAL:</b>				
UP TO 999 TONS--	4.0	180.	3.0	253.
1,000-9,999 TONS--	4.2	1098.	5.4	861.
10,000-24,999 TONS--	10.1	1600.	14.9	1078.
25,000-49,999 TONS--	11.2	3154.	16.6	2129.
50,000 TONS AND UP--	19.0	5582.	31.6	3351.
WEIGHTED AVERAGE--	10.9	3768.	16.7	2434.

1/ DATA APPLY ONLY TO ESTABLISHMENTS REPORTING BOTH EMPLOYMENT AND PRODUCTION DATA.

APPENDIX TABLE 96.--LABOR: PRODUCTION EMPLOYEES AND ALL EMPLOYEES, AVERAGE NUMBER PER ESTABLISHMENT AND OUTPUT PER EMPLOYEE, BY OWNERSHIP AND SIZE INTERVAL,  
UNITED STATES 1975 1/

OWNERSHIP AND SIZE INTERVAL	PRODUCTION EMPLOYEES		ALL EMPLOYEES	
	AVERAGE PER ESTABLISHMENT	OUTPUT PER EMPLOYEE	AVERAGE PER ESTABLISHMENT	OUTPUT PER EMPLOYEE
	NUMBER	TONS	NUMBER	TONS
<b>CORPORATION:</b>				
UP TO 999 TONS--:	3.3	150.	5.2	97.
1,000-9,999 TONS--:	5.1	802.	7.6	535.
10,000-24,999 TONS--:	9.8	1543.	14.1	1068.
25,000-49,999 TONS--:	15.4	2269.	22.7	1539.
50,000 TONS AND UP--:	26.8	3983.	40.1	2653.
WEIGHTED AVERAGE--:	9.5	2283.	14.1	1532.
<b>PARTNERSHIP:</b>				
UP TO 999 TONS--:	3.3	197.	4.5	144.
1,000-9,999 TONS--:	4.2	929.	5.9	654.
10,000-24,999 TONS--:	6.8	2357.	10.0	1585.
25,000-49,999 TONS--:	8.9	3918.	14.3	2447.
50,000 TONS AND UP--:	7.7	3757.	11.8	2452.
WEIGHTED AVERAGE--:	4.7	2839.	6.7	1935.
<b>SINGLE OWNER:</b>				
UP TO 999 TONS--:	2.2	235.	2.8	182.
1,000-9,999 TONS--:	3.1	1179.	4.2	876.
10,000-24,999 TONS--:	5.2	2774.	6.3	2290.
25,000-49,999 TONS--:	14.3	2669.	18.6	2049.
50,000 TONS AND UP--:	14.4	3172.	21.5	2174.
WEIGHTED AVERAGE--:	3.6	2332.	4.8	1770.
<b>COOPERATIVE:</b>				
UP TO 999 TONS--:	4.0	144.	5.5	105.
1,000-9,999 TONS--:	4.5	869.	7.3	542.
10,000-24,999 TONS--:	7.1	1982.	11.7	1205.
25,000-49,999 TONS--:	12.8	2699.	18.1	1909.
50,000 TONS AND UP--:	26.0	4214.	35.4	3096.
WEIGHTED AVERAGE--:	6.5	1954.	9.9	1286.
<b>TOTAL:</b>				
UP TO 999 TONS--:	3.2	167.	4.6	117.
1,000-9,999 TONS--:	4.5	877.	6.8	584.
10,000-24,999 TONS--:	8.5	1741.	12.5	1182.
25,000-49,999 TONS--:	14.6	2396.	21.3	1642.
50,000 TONS AND UP--:	25.2	4384.	37.1	2971.
WEIGHTED AVERAGE--:	7.5	2238.	11.0	1510.

1/ DATA APPLY ONLY TO ESTABLISHMENTS REPORTING BOTH EMPLOYMENT AND PRODUCTION DATA.

APPENDIX TABLE 97--FEED INGREDIENTS USED IN PRIMARY MANUFACTURING: QUANTITIES OF SPECIFIED FEED GRAINS USED,  
BY STATE AND REGION, 1975

STATE AND REGION	CORN	SORGHUM GRAIN	BARLEY	OATS	WHEAT	OTHER	TOTAL
-TONS-							
MAINE-----	399565	0	8600	1124	15333	0	422023
NEW HAMPSHIRE-----	15275	0	2640	17	0	0	17932
VERMONT-----	92770	0	2800	47910	980	0	144468
MASSACHUSETTS-----	79812	0	182	3683	3624	600	88101
CONNECTICUT-----	7080	0	0	0	0	0	7800
NEW YORK-----	525055	0	3896	77722	2561	1072	408706
NEW JERSEY-----	43157	22	7691	4299	7700	2567	65335
PENNSYLVANIA-----	994425	3284	62078	102323	18175	4531	1184815
DELAWARE-----	954620	0	23606	99	1486	0	979890
MARYLAND-----	1504664	0	16695	16279	2693	5824	1546155
NORTHEAST-----	9415151	3306	125028	256278	50969	14594	4865325
MICHIGAN-----	102010	0	301	9088	909	93	112401
WISCONSIN-----	526084	3647	5264	162480	451	1414	699339
MINNESOTA-----	608908	0	3215	90252	391	19897	722663
LAKE STATES-----	1237003	3647	8780	261820	1751	21404	1534403
OHIO-----	1627110	16	743	23542	23145	26	1886482
INDIANA-----	512106	959	742	45682	5341	16672	581503
ILLINOIS-----	421902	4986	1529	20995	15102	25126	487602
IOWA-----	1020827	7993	965	80469	7815	9151	1127170
MISSOURI-----	688130	124670	395	36949	10843	31	861018
CORN BELT-----	4270075	138534	4374	419538	60246	51007	4943774
NORTH DAKOTA-----	12723	0	45834	12396	316	8342	79611
SOUTH DAKOTA-----	111284	3432	21028	23114	7456	1196	167509
NEBRASKA-----	561514	158841	4949	36665	1738	37903	801810
KANSAS-----	576637	617476	8586	15196	17425	95708	1091589
NORTHERN PLAINS-----	1262158	879749	80357	68171	26935	103149	2140518
VIRGINIA-----	355794	195	12037	14400	4795	772	387992
WEST VIRGINIA-----	400	0	0	0	0	0	400
NORTH CAROLINA-----	1152718	19765	8339	19059	40268	23230	1263378
KENTUCKY-----	241204	2166	1085	4286	9392	0	258133
TENNESSEE-----	530100	23598	4808	31311	28110	9761	627667
APPALACHIAN-----	2280215	45724	24269	69055	82565	33763	2537591
SOUTH CAROLINA-----	141312	1143	1726	1254	1918	24	147378
GEORGIA-----	2078554	11553	2323	55952	8194	16386	2173352
FLORIDA-----	1252420	8333	0	74468	1099	522	1336842
ALABAMA-----	855158	5421	0	13032	755	70442	944808
SOUTHEAST-----	4327844	26458	4049	144706	11967	87374	4602391
MISSISSIPPI-----	894645	23086	0	15879	4483	22576	960669
ARKANSAS-----	1616324	296531	2944	22342	2355	10191	1980686
LOUISIANA-----	255661	60781	0	17934	1168	0	335544
DELTA STATES-----	2766630	380397	2944	56155	8006	32767	3246899
OKLAHOMA-----	590799	292291	22825	58944	19837	87764	1072461
TEXAS-----	2081399	2199025	25921	179282	39086	129064	4653777
SOUTHERN PLAINS-----	2672199	2491316	48746	238226	58923	216828	5726238
MONTANA-----	11425	0	107902	13388	10954	349	144017
IDAHO-----	17729	1239	133359	4047	16147	18839	191359
WYOMING-----	1260	1050	12160	1359	3790	300	19919
COLORADO-----	809416	206167	15854	7717	8838	38755	1086747
NEW MEXICO-----	75376	67721	6014	3844	834	673	176461
ARIZONA-----	18948	536109	99094	5743	143525	0	803419
UTAH-----	61659	35192	54261	11250	20376	6	182737
NEVADA-----	2730	2275	16687	910	16415	0	41017
MOUNTAIN-----	998543	869752	449330	48257	220878	58916	2645676
WASHINGTON-----	209513	21804	149960	24481	42574	42149	485280
OREGON-----	99180	1407	46169	28920	51869	5134	232678
CALIFORNIA-----	1440618	1030679	1440194	76638	142219	13092	4143640
PACIFIC-----	1749111	1053889	1631322	130239	236663	60374	4861598
47 STATES-----	25978927	5592764	2381198	1712444	758903	680176	37104412

APPENDIX TABLE 90.--FEED INGREDIENTS USED IN PRIMARY MANUFACTURING: QUANTITIES OF SPECIFIED OILSEED MEALS USED,  
BY STATE AND REGION, 1975

STATE AND REGION	SOYBEAN MEAL	COTTONSEED MEAL	OTHER OILSEED MEALS	TOTAL
-TONS-				
MAINE-----	119280	0	0	119280
NEW HAMPSHIRE-----	5933	0	0	5933
VERMONT-----	40460	0	5600	46060
MASSACHUSETTS-----	34084	0	0	24044
CONNECTICUT-----	1950	0	0	1950
NEW YORK-----	185520	0	2800	188120
NEW JERSEY-----	10212	0	18	10230
PENNSYLVANIA-----	434409	1316	14697	450422
DELAWARE-----	169550	0	64	169614
MARYLAND-----	529470	94	1454	531018
NORTHEAST-----	1520847	1411	24414	1546672
MICHIGAN-----	124266	606	110	124981
WISCONSIN-----	395088	153	88783	484024
MINNESOTA-----	389163	0	5135	394298
LAKE STATES-----	908517	759	94028	1003304
OHIO-----	226322	2118	1199	229638
INDIANA-----	344414	14253	2957	361624
ILLINOIS-----	562086	6920	5141	574066
JOHNSON-----	858215	3315	9264	870794
MISSOURI-----	286589	44235	331	333074
CORN BELT-----	2279467	70840	18891	2369198
NORTH DAKOTA-----	12811	41	627	13478
SOUTH DAKOTA-----	73235	844	3200	77277
NEBRASKA-----	270517	11139	2368	283824
KANSAS-----	177325	23998	1367	202650
NORTHERN PLAINS-----	533686	35982	7562	577230
VIRGINIA-----	168299	3129	7917	179346
WEST VIRGINIA-----	100	0	0	100
NORTH CAROLINA-----	546258	9353	7317	562928
KENTUCKY-----	114311	11143	0	125459
TENNESSEE-----	345912	40441	4742	391974
APPALACHIAN-----	1175880	64066	19976	1258923
SOUTH CAROLINA-----	54112	743	4043	58697
GEORGIA-----	631627	27493	12641	671761
FLORIDA-----	246097	42417	63621	352138
ALABAMA-----	301141	7081	9988	318210
SOUTHEAST-----	1232976	77735	90297	1401007
MISSISSIPPI-----	280830	30535	13910	325276
ARKANSAS-----	592376	23992	747	617115
LOUISIANA-----	68381	36742	630	105753
DELTA STATES-----	941587	91269	15287	1048143
OKLAHOMA-----	125105	89317	3556	187978
TEXAS-----	476654	338497	30643	845794
SOUTHERN PLAINS-----	601759	397813	34199	1033772
MONTANA-----	13790	353	2810	16953
IDAHO-----	27721	862	3328	31910
WYOMING-----	113	1238	0	1350
COLORADO-----	59108	28580	0	87688
NEW MEXICO-----	1663	20990	284	22937
ARIZONA-----	9466	25380	144	34990
UTAH-----	29489	4013	0	33501
NEVADA-----	546	546	0	1092
MOUNTAIN-----	141896	81960	6566	230422
WASHINGTON-----	58726	15031	1585	75142
OREGON-----	26991	9510	155	36657
CALIFORNIA-----	419859	266308	52776	738942
PACIFIC-----	505576	290850	54315	850741
47 STATES-----	9641191	1112685	365533	11319410

APPENDIX TABLE 99--FEED INGREDIENTS USED IN PRIMARY MANUFACTURING: QUANTITIES OF SPECIFIED GRAIN BYPRODUCTS USED,  
BY STATE AND REGION, 1975

STATE AND REGION	BREWERS' DRIED GRAINS	DISTILLERS' DRIED GRAINS	CORN GLUTEN FEED	CORN GLUTEN MEAL	MOKINY FEED	WHEAT MILLFEEDS	OTHER MILLFEEDS	TOTAL
	TONS							
MAINE-----	1600	7620	11527	5264	4913	32499	2980	66403
NEW HAMPSHIRE-----	2333	0	0	2100	2708	16183	0	23325
VERMONT-----	39966	19680	210	48638	35798	220364	0	364578
MASSACHUSETTS-----	4311	1834	1864	16896	17585	22107	5096	69693
CONNECTICUT-----	0	0	390	0	0	0	0	390
NEW YORK-----	35065	114518	6190	69223	84647	153347	23076	488068
NEW JERSEY-----	2567	1283	550	440	0	486	0	5326
PENNSYLVANIA-----	34477	287073	18798	150624	35243	184872	32826	743914
DELAWARE-----	4508	2616	32805	1765	2249	40581	8756	93272
MARYLAND-----	278	1480	202163	4249	3500	25524	21258	258351
NORTHEAST-----	125099	436945	276496	299199	186643	695963	93974	2113319
KIICHIGAN-----	577	71	798	21044	9380	28085	10801	70725
WISCONSIN-----	89946	4025	121	9401	4334	88394	13913	210135
MINNESOTA-----	2236	3098	4814	531	0	10921	18106	129706
LAKE STATES-----	92759	7195	5732	30976	13684	217402	42820	410567
OHIO-----	18174	3325	628	48029	4452	61928	30368	166906
INDIANA-----	25262	825	778	28828	4045	88454	11168	159382
ILLINOIS-----	18652	14571	25627	64758	27396	161455	26177	338637
IOWA-----	7689	29713	6880	11621	14681	175224	57429	303246
MISSOURI-----	397	3228	2934	32599	7407	129552	72756	248673
CORN BELT-----	78144	51663	36856	185635	87981	616614	197500	1216843
NORTH DAKOTA-----	204	263	7	0	0	6346	18260	25051
SOUTH DAKOTA-----	0	1577	0	0	0	46122	1154	48853
NEBRASKA-----	2612	2957	1056	1480	11937	121540	25090	166672
KANSAS-----	0	3002	0	10550	22039	99941	36253	171765
NORTHERN PLAINS-----	2815	7799	1063	12030	33976	273949	80758	412390
VIRGINIA-----	7793	5617	8297	3802	9740	34740	21963	91952
WEST VIRGINIA-----	0	0	0	0	0	0	0	0
NORTH CAROLINA-----	4077	8503	20193	15863	2753	107558	11353	170301
KENTUCKY-----	5179	4010	346	5239	10944	35401	6892	67971
TENNESSEE-----	17592	12863	7139	66071	68102	255884	127721	555372
APPALACHIAN-----	34642	30993	35975	90975	91540	433582	167890	885596
SOUTH CAROLINA-----	5	0	0	0	0	11205	4129	15340
GEORGIA-----	19856	3734	40514	17846	3869	72871	79389	236079
FLORIDA-----	39032	10850	1497	13459	95456	25848	96000	282103
ALABAMA-----	13788	916	6647	7068	4481	36852	20227	89980
SOUTHEAST-----	72680	15501	48659	38373	103766	146777	199745	625502
MISSISSIPPI-----	2538	0	5074	15183	0	79186	34687	136670
ARKANSAS-----	133	1830	8195	0	191	64120	58422	132891
LOUISIANA-----	0	0	0	14948	3920	63797	57555	140220
DELTA STATES-----	2671	1830	13270	30131	4111	207103	150665	409781
OKLAHOMA-----	1164	0	2122	0	0	163266	54928	221481
TEXAS-----	13425	1794	12724	58573	31359	225490	216347	559712
SOUTHERN PLAINS-----	14589	1794	14846	58573	31359	388756	271275	781193
MONTANA-----	0	13	0	0	0	6376	2128	8516
IDAHO-----	8	79	0	0	0	15314	967	16367
WYOMING-----	0	0	0	0	0	0	0	0
COLORADO-----	3592	7000	0	0	0	29960	1019	41572
NEW MEXICO-----	0	0	0	0	0	655	4160	5943
ARIZONA-----	0	0	0	0	0	0	24828	24828
UTAH-----	457	0	0	0	0	24337	0	24794
NEVADA-----	0	0	0	0	1315	3640	2888	7840
MOUNTAIN-----	4057	7091	0	0	2441	80282	35989	129861
WASHINGTON-----	605	461	0	0	7899	142580	168059	319605
OREGON-----	136	767	0	0	256	33258	3697	38114
CALIFORNIA-----	8838	8128	27689	2665	163118	287003	215042	712484
PACIFIC-----	9580	9357	27689	2665	171273	462841	386798	1070204
47 STATES-----	429087	569167	460586	748559	696774	3523269	1627814	8055255

APPENDIX TABLE 108.--FEED INGREDIENTS USED IN PRIMARY MANUFACTURING: QUANTITIES OF SPECIFIED ANIMAL PROTEIN INGREDIENTS USED\* BY STATE AND REGION, 1975

STATE AND REGION	MEAT MEAL TANKAGE	MEAT AND BONE MEAL	FISH MEAL	POULTRY BYPRODUCT MEAL	FEATHER MEAL	DRIED MILK PRODUCTS	TOTAL
TONS							
MAINE-----	0	25235	18619	8481	0	0	51735
NEW HAMPSHIRE-----	0	492	6	0	0	0	450
VERMONT-----	0	2800	210	0	0	140	3150
MASSACHUSETTS-----	0	10149	234	0	0	0	10383
CONNECTICUT-----	0	780	0	0	0	0	760
NEW YORK-----	1155	28603	4095	0	22	504	34380
NEW JERSEY-----	7425	147	185	0	0	0	7757
PENNSYLVANIA-----	4074	66207	6269	21267	1437	2765	102020
DELAWARE-----	0	29314	23787	13557	950	321	67931
MARYLAND-----	99	93884	29136	37499	728	525	161074
NORTHEAST-----	12754	256760	81946	80805	3138	4256	439659
MICHIGAN-----	1358	16898	2233	11	1887	405	22793
WISCONSIN-----	2405	52075	3503	0	987	14943	73913
MINNESOTA-----	11362	89275	4391	4006	9543	34171	152748
LAKE STATES-----	15126	158249	10127	4017	12417	49519	249465
OHIO-----	225	37115	3412	1980	2396	2016	47144
INDIANA-----	1865	74075	3784	1027	725	6245	46923
ILLINOIS-----	9610	168450	5387	3375	1639	39729	228190
IOWA-----	15631	210519	15844	113	2145	23276	267529
MISSOURI-----	7663	67135	4761	7430	201	4318	91508
CORN BELT-----	34194	597295	33188	13926	7107	75585	721294
NORTH DAKOTA-----	679	4876	28	0	0	179	5763
SOUTH DAKOTA-----	3492	28741	397	0	320	1635	26584
NEBRASKA-----	9763	41582	354	0	1054	3672	56285
KANSAS-----	701	30367	535	0	228	1305	33135
NORTHERN PLAINS-----	14574	97486	1314	0	1602	6790	121767
VIRGINIA-----	321	8632	9582	27596	154	982	47267
WEST VIRGINIA-----	0	0	0	0	0	0	0
NORTH CAROLINA-----	13828	67137	37049	29378	7137	2702	157231
KENTUCKY-----	11072	6861	2443	30	1258	764	22428
TENNESSEE-----	5	52635	4824	0	9734	3058	70255
APPALACHIAN-----	25226	135265	53897	57004	18283	7506	297181
SOUTH CAROLINA-----	419	7347	0	1617	2380	17	11780
GEORGIA-----	2111	78778	49309	84174	13632	377	226382
FLORIDA-----	2784	19708	8249	21378	461	0	52580
ALABAMA-----	1380	43772	17910	14802	6900	22	84784
SOUTHEAST-----	6695	143604	75468	121969	23373	416	377526
MISSISSIPPI-----	0	21849	36947	42491	3724	2236	107248
ARKANSAS-----	6376	62510	62707	54196	3745	16	185550
LOUISIANA-----	160	8904	15884	14553	2800	780	43081
DELTA STATES-----	6535	93264	115539	111240	10269	5032	339878
OKLAHOMA-----	1874	17727	5740	0	0	1531	26871
TEXAS-----	6916	67187	26388	30146	3280	2878	136799
SOUTHERN PLAINS-----	8792	84914	32128	30148	3280	4469	163671
MONTANA-----	180	2850	68	0	0	5	3095
IDAHO-----	478	1826	14315	9	0	101	16721
WYOMING-----	0	0	0	0	0	0	0
COLORADO-----	9512	3609	78	413	0	148	13752
NEW MEXICO-----	0	322	0	0	0	8296	8617
ARIZONA-----	857	5381	165	0	0	171	6574
UTAH-----	0	11077	52	0	0	11	11140
NEVADA-----	364	19	0	0	0	21	404
MOUNTAIN-----	11391	25084	14662	413	0	8754	60304
WASHINGTON-----	489	18370	1971	0	0	0	20829
OREGON-----	856	10151	3394	0	11	68	14483
CALIFORNIA-----	29425	159460	71810	13406	8812	6479	289391
PACIFIC-----	30772	187981	77175	13406	8823	6546	324702
47 STATES-----	166059	1745902	495444	632927	88292	166814	3095438

**APPENDIX TABLE 101.--FEED INGREDIENTS USED IN PRIMARY MANUFACTURING: QUANTITIES OF SPECIFIED MINERALS USED,  
BY STATE AND REGION, 1978**

STATE AND REGION	CALCIUM	PHOSPHORUS	SALT	TRACE MINERALS	OTHER	TOTAL
- TONS -						
MAINE-----	24892	2049	5376	577	53	33348
NEW HAMPSHIRE-----	1033	217	480	10	25	1765
VERMONT-----	7906	2124	5014	2	0	17046
MASSACHUSETTS-----	13849	563	902	35	901	16269
CONNECTICUT-----	780	0	0	0	0	780
NEW YORK-----	19563	6330	10587	1739	1895	40115
NEW JERSEY-----	440	73	577	229	0	1320
PENNSYLVANIA-----	49606	38626	24215	7126	2914	122488
DELAWARE-----	6472	4714	3051	309	0	14547
MARYLAND-----	12359	10340	8514	2169	214	33596
NORTHEAST-----	138901	65496	58717	12196	6004	281274
MICHIGAN-----	7015	7881	5225	535	4373	25029
WISCONSIN-----	23667	19502	31369	15372	1726	91637
MINNESOTA-----	41286	30984	22470	9457	4183	108380
LAKE STATES-----	71968	58367	59064	25364	10283	225846
OHIO-----	22071	16151	14064	2451	2039	56777
INDIANA-----	32826	17804	13993	2366	2831	69822
ILLINOIS-----	52990	34667	27587	4220	18205	137640
IOWA-----	71136	71376	40358	13396	45024	241284
MISSOURI-----	23155	20098	24519	2463	13138	83374
CORN BELT-----	202180	160097	120491	24891	81238	588897
NORTH DAKOTA-----	825	1485	582	31	539	3462
SOUTH DAKOTA-----	8373	9280	9246	922	2452	36273
NEBRASKA-----	34694	22232	22001	1689	3580	84196
KANSAS-----	25346	11603	21609	1853	749	61861
NORTHERN PLAINS-----	69239	44600	53438	4195	7319	178791
VIRGINIA-----	11991	7311	5776	992	3779	29848
WEST VIRGINIA-----	0	0	60	0	40	100
NORTH CAROLINA-----	40038	24182	15161	2133	5280	86793
KENTUCKY-----	12340	4158	4722	495	272	21987
TENNESSEE-----	35358	17205	17094	2144	1364	73166
APPALACHIAN-----	99727	52857	42813	5764	10734	211895
SOUTH CAROLINA-----	5306	1797	5768	338	71	13281
GEORGIA-----	71744	34740	18942	8934	1857	136216
FLORIDA-----	39625	15865	12984	1139	1332	71145
ALABAMA-----	21993	9382	6562	1655	10560	50151
SOUTHEAST-----	138668	61784	44256	12066	14020	270793
MISSISSIPPI-----	27298	14322	13877	1580	1589	58665
ARKANSAS-----	38933	25536	17785	2146	15973	100373
LOUISIANA-----	8254	2636	9213	280	2103	22686
DELTA STATES-----	74485	42694	40875	4005	19665	181724
OKLAHOMA-----	29945	19201	16013	1832	11885	80374
TEXAS-----	88041	39638	109170	5925	19611	262444
SOUTHERN PLAINS-----	117485	58899	127183	7757	31494	342818
MONTANA-----	1876	2997	4067	610	216	9765
IDAHO-----	3269	3013	3806	111	69	10268
WYOMING-----	0	15	0	3	0	18
COLORADO-----	32046	8373	9445	616	4245	55524
NEW MEXICO-----	1387	892	4061	117	6958	13395
ARIZONA-----	11006	3348	8277	1836	7886	32352
UTAH-----	3259	2036	3166	445	0	8906
NEVADA-----	23	23	23	23	0	91
MOUNTAIN-----	53665	20697	32843	3760	19354	130319
WASHINGTON-----	11567	2866	5391	534	8258	28617
OREGON-----	4564	1223	1613	101	1745	9245
CALIFORNIA-----	112022	16416	28751	13992	25199	196380
PACIFIC-----	128154	20504	35754	14627	35203	234242
47 STATES-----	1094472	685955	615433	114626	235313	2645798

APPENDIX TABLE 102.--FEED INGREDIENTS USED IN PRIMARY MANUFACTURING: QUANTITIES OF SPECIFIED INGREDIENTS USED,  
BY STATE AND REGION, 1975

STATE AND REGION	FATS	MOLASSES	SUGAR	ALFALFA	
				DEHYDRATED	SUN-CURED
TONS					
MAINE-----	14277	6133	0	6780	0
NEW HAMPSHIRE-----	167	4008	0	433	0
VERMONT-----	700	33620	5	9114	0
MASSACHUSETTS-----	257	4714	0	1850	0
CONNECTICUT-----	0	0	0	0	0
NEW YORK-----	1017	55915	211	7556	36
NEW JERSEY-----	37	1586	0	1137	0
PENNSYLVANIA-----	13548	140747	615	20145	0
DELAWARE-----	35882	3306	8	5509	116
MARYLAND-----	98496	7473	11	6669	2477
NORTHEAST-----	164380	257502	845	59193	2628
MICHIGAN-----	1449	13251	106	8441	64
WISCONSIN-----	6438	63026	240	18749	2268
MINNESOTA-----	16788	38025	1190	27752	10173
LAKE STATES-----	24675	114382	1535	54942	12506
OHIO-----	887	24931	250	18373	2314
INDIANA-----	11026	21224	460	28386	3171
ILLINOIS-----	31085	52700	1716	57471	2249
IOWA-----	6469	105980	5604	80107	17521
MISSOURI-----	17176	57323	1261	45152	5792
CORN BELT-----	74604	261258	9291	229489	31047
NORTH DAKOTA-----	81	8139	1	967	2376
SOUTH DAKOTA-----	779	37192	239	21153	15221
NEBRASKA-----	6921	87355	920	88099	42977
KANSAS-----	3685	44406	226	76383	82947
NORTHERN PLAINS-----	11467	177092	1386	186582	143521
VIRGINIA-----	25406	11348	64	7216	81
WEST VIRGINIA-----	0	0	0	0	0
NORTH CAROLINA-----	60599	23361	321	19935	537
KENTUCKY-----	2570	14869	52	7709	0
TENNESSEE-----	17197	65783	726	28202	1915
APPALACHIAN-----	105773	115361	1163	63063	2532
SOUTH CAROLINA-----	1153	2786	89	2001	0
GEORGIA-----	72479	30815	1652	35294	133
FLORIDA-----	25693	95245	7790	12744	400
ALABAMA-----	32345	15971	60	12833	0
SOUTHEAST-----	131669	145815	9589	62872	533
MISSISSIPPI-----	36279	26285	31	14582	156
ARKANSAS-----	63412	22219	0	23550	1326
LOUISIANA-----	9176	21021	4	9861	3360
DELTA STATES-----	108867	69524	35	48014	4842
OKLAHOMA-----	20809	58165	3	57430	56428
TEXAS-----	56984	214214	1132	166446	234647
SOUTHERN PLAINS-----	77792	282380	1134	223878	291075
MONTANA-----	23	10158	4	5919	7484
IDAHO-----	50	52684	0	1440	19282
WYOMING-----	0	1470	0	0	0
COLORADO-----	11523	17136	2673	81401	67712
NEW MEXICO-----	1721	11616	0	36315	22970
ARIZONA-----	38855	59045	185	3770	263513
UTAH-----	3670	4573	11	720	8125
NEVADA-----	1113	6792	0	0	28889
MOUNTAIN-----	56953	163474	3073	129564	417975
WASHINGTON-----	3284	25531	3	10754	17231
OREGON-----	719	5921	1	3384	14020
CALIFORNIA-----	116486	218362	9	36972	251347
PACIFIC-----	120489	249814	14	53109	282597
47 STATES-----	876669	1834520	28065	1110705	1189256

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APPENDIX TABLE 102.--FREE INGREDIENTS USED IN PRIMARY MANUFACTURING: QUANTITIES OF SPECIFIED INGREDIENTS USED,  
BY STATE AND REGION, 1975 -- CONTINUED

STATE AND REGION	UPCA	BEET PULP	CITRUS PULP	TOTAL
TONS				
MAINE-----	13	467	216	27871
NEW HAMPSHIRE-----	17	402	117	5143
VERMONT-----	268	1792	728	45522
MASSACHUSETTS-----	256	1732	1465	9623
CONNECTICUT-----	0	225	0	225
NEW YORK-----	2031	4352	933	72450
NEW JERSEY-----	92	27	97	2975
PENNSYLVANIA-----	4941	7338	1809	186843
DELAWARE-----	141	115	4	45076
MARYLAND-----	240	184	0	135590
NORTHEAST-----	8436	14983	5349	513318
MICHIGAN-----	1719	34	0	25064
WISCONSIN-----	9252	6648	28	172649
MINNESOTA-----	8969	8525	125	111568
LAKE STATES-----	15960	15207	153	239285
OHIO-----	5617	1629	14	61374
INDIANA-----	4989	3735	0	72291
ILLINOIS-----	18099	6897	0	170217
IOWA-----	23142	753	324	245678
KANSAS-----	6290	1991	0	134985
CORN BELT-----	57437	21732	338	634546
NORTH DAKOTA-----	576	1635	0	13775
SOUTH DAKOTA-----	5449	5	0	90017
NEBRASKA-----	31217	5221	0	262705
KANSAS-----	16236	5132	0	233015
NORTHERN PLAINS-----	53476	15993	0	589517
VIRGINIA-----	833	530	183	45682
WEST VIRGINIA-----	6	0	0	0
NORTH CAROLINA-----	1947	235	261	106298
KENTUCKY-----	1795	14	0	27706
TENNESSEE-----	4725	267	0	116614
APPALACHIAN-----	8391	1046	444	295773
SOUTH CAROLINA-----	73	0	534	6634
GEORGIA-----	5131	72	75303	226776
FLORIDA-----	7646	18	441576	592442
ALABAMA-----	1015	19	931	63154
SOUTHEAST-----	13766	109	518254	882638
MISSISSIPPI-----	1745	0	295	79373
ARKANSAS-----	2746	13	0	113264
LOUISIANA-----	980	24	532	44982
DELTA STATES-----	5471	39	827	237618
OKLAHOMA-----	4621	0	0	207525
TEXAS-----	53356	1P331	679	745790
SOUTHERN PLAINS-----	5847	16331	679	953315
MONTANA-----	897	12600	0	37025
IDAHO-----	1768	13811	0	88327
Wyoming-----	6	1500	0	2976
COLORADO-----	9097	45485	0	235227
NEW MEXICO-----	963	453	890	74928
ARIZONA-----	6757	28519	2655	422597
UTAH-----	1135	6171	0	24465
NEVADA-----	456	15230	0	58479
MOUNTAIN-----	19664	121769	3545	916017
WASHINGTON-----	1P62	64221	0	122626
OREGON-----	141	15059	0	39285
CALIFORNIA-----	17087	368055	30033	1640851
PACIFIC-----	19570	447335	30033	1202961
47 STATES-----	261222	655893	559623	6514955

APPENDIX TABLE 103.--FEED INGREDIENTS USED IN PRIMARY MANUFACTURING: QUANTITIES OF VITAMINS, DRUGS, PREMIXES,  
AND OTHER MICRO-INGREDIENTS, BY STATE AND REGION, 1975

STATE AND REGION	VITAMINS	DRUGS	OTHER MICRO- INGREDIENTS	PREMIXES	TOTAL
TONS					
MAINE-----	426	151	136	664	1377
NEW HAMPSHIRE-----	5	0	0	0	5
VERMONT-----	205	175	0	84	464
MASSACHUSETTS-----	8	27	60	182	277
CONNECTICUT-----	0	0	0	0	0
NEW YORK-----	1129	568	2401	17316	21414
NEW JERSEY-----	23	27	0	183	234
PENNSYLVANIA-----	7012	927	3494	8583	20017
DELAWARE-----	303	434	1051	278	2066
MARYLAND-----	1234	2135	1835	435	5639
NORTHEAST-----	10345	4805	8977	27726	51492
MICHIGAN-----	450	416	0	614	1679
WISCONSIN-----	601	188	4	5177	6169
MINNESOTA-----	1673	1144	230	11409	14462
LAKE STATES-----	2929	1747	235	17399	22310
OHIO-----	367	380	1717	4409	6873
INDIANA-----	4254	5504	449	5003	15209
ILLINOIS-----	1465	1339	2211	4625	10240
IOWA-----	9716	9008	3796	10304	32824
MISSOURI-----	5025	6216	128	5745	17113
CORN BELT-----	20826	23046	8301	30087	82260
NORTH DAKOTA-----	19	71	1	229	320
SOUTH DAKOTA-----	1850	4619	356	2900	6825
NEBRASKA-----	1008	1120	230	29817	32174
KANSAS-----	3193	10019	134	17038	30383
NORTHERN PLAINS-----	6069	15829	721	49084	71703
VIRGINIA-----	2540	859	966	518	4872
WEST VIRGINIA-----	0	0	0	0	0
NORTH CAROLINA-----	7291	5515	2814	4004	19625
KENTUCKY-----	3871	813	0	38203	42887
TENNESSEE-----	677	2160	148	4718	7704
APPALACHIAN-----	14379	9348	3919	47443	75088
SOUTH CAROLINA-----	485	75	0	468	1029
GEORGIA-----	15530	27315	4989	18989	66823
FLORIDA-----	14212	1008	166	2585	17965
ALABAMA-----	12173	6530	55	2756	21513
SOUTHEAST-----	42399	34928	5204	24798	107330
MISSISSIPPI-----	734	1350	130	12398	14612
ARKANSAS-----	48997	33837	1987	4966	89787
LOUISIANA-----	223	476	0	256	955
DELTA STATES-----	49954	35663	2117	17620	105354
OKLAHOMA-----	670	1605	279	6415	8969
TEXAS-----	4340	4789	3186	104729	117043
SOUTHERN PLAINS-----	5011	6394	3465	111144	126013
MONTANA-----	169	59	3	1220	1451
IDAHO-----	296	250	174	357	1077
WYOMING-----	135	0	0	0	135
COLORADO-----	1773	1979	9	30638	34391
NEW MEXICO-----	527	102	29	2205	2662
ARIZONA-----	1593	6046	0	2337	9976
UTAH-----	3096	1761	1350	56	6263
NEVADA-----	4	1	0	956	961
MOUNTAIN-----	7593	10198	1586	37768	57116
WASHINGTON-----	67	125	344	15480	16016
OREGON-----	302	420	94	430	1246
CALIFORNIA-----	2775	471	779	53554	57580
PACIFIC-----	3144	1017	1217	69664	74842
47 STATES-----	162630	142615	35711	432533	773508

APPENDIX TABLE 104--INGREDIENT STORAGE CAPACITY OF FEED MANUFACTURERS: TOTAL, BY STORAGE TYPE, BY STATE AND REGION, 1975

STATE AND REGION	GRAINS		OTHER DRY INGREDIENTS		LIQUID	
	BAG	BULK	BAG	BULK	MOLASSES	FAT
TONS						
MAINE-----	1813	38697	364	10393	167	683
NEW HAMPSHIRE-----	417	3085	83	58	483	83
VERMONT-----	858	5724	896	5180	4822	32
MASSACHUSETTS-----	200	10430	2027	10458	488	72
CONNECTICUT-----	0	551	38	671	60	60
NEW YORK-----	13915	92401	6285	43487	8001	291
NEW JERSEY-----	467	11237	935	15924	680	35
PENNSYLVANIA-----	10176	167933	14712	43004	10617	1428
DELAWARE-----	36289	261796	1291	8248	396	469
MARYLAND-----	2762	586636	4242	19685	1834	783
NORTHEAST-----	66938	1180188	30874	157069	27549	3916
MICHIGAN-----	2664	1018867	11139	20749	2863	341
WISCONSIN-----	16845	651153	53893	292551	10577	762
MINNESOTA-----	7975	564957	30086	34601	7752	2093
LAKE STATES-----	27484	2234957	95118	347901	21192	3196
OHIO-----	5549	1250886	15245	25438	5715	877
INDIANA-----	4632	3682733	11754	39212	5737	1067
ILLINOIS-----	2606	1158651	22694	358361	8770	1808
IOWA-----	25970	1880627	33869	89637	19272	1992
MISSOURI-----	3559	2216250	13892	49744	10944	2121
CORN BELT-----	44316	10189558	97455	542393	50439	7866
NORTH DAKOTA-----	302	133704	1030	10266	1203	220
SOUTH DAKOTA-----	607	156751	3785	11280	2958	193
NEBRASKA-----	7753	538227	12609	88979	10706	2200
KANSAS-----	12826	1099982	16767	49610	49623	59755
NORTHERN PLAINS-----	21488	1928664	34191	180134	64491	62368
VIRGINIA-----	2644	84136	3824	16017	2096	4299
WEST VIRGINIA-----	1200	7650	600	1200	380	0
NORTH CAROLINA-----	17225	532066	7869	38050	5998	1457
KENTUCKY-----	31947	368540	5120	10711	2559	527
TENNESSEE-----	2659	106381	4256	39462	7448	1775
APPALACHIAN-----	55675	1098724	21669	105440	18481	8057
SOUTH CAROLINA-----	639	172661	914	3216	477	46
GEORGIA-----	13594	314936	12231	34941	6236	2856
FLORIDA-----	20230	95204	23139	22508	10392	653
ALABAMA-----	7872	518107	5760	158634	15370	1213
SOUTHEAST-----	42135	900908	42044	219299	32475	4769
MISSISSIPPI-----	1439	41647	3491	17268	5183	1214
ARKANSAS-----	5175	155313	3800	45349	3290	2371
LOUISIANA-----	9170	79380	10410	44955	1856	671
DELTA STATES-----	15784	276339	17781	107513	10324	4256
OKLAHOMA-----	28114	444153	2772	129919	20302	704
TEXAS-----	19299	679697	35091	92131	222760	5522
SOUTHERN PLAINS-----	47413	1123850	37863	222050	243062	6226
MONTANA-----	3132	116914	3265	4216	1767	406
IDAHO-----	4316	163471	2199	5765	9641	278
WYOMING-----	412	23743	3170	0	471	0
COLORADO-----	4322	158006	2519	14795	1793	432
NEW MEXICO-----	1758	196072	1077	17483	1418	305
ARIZONA-----	9686	133896	1646	17481	1594	610
UTAH-----	2383	113680	855	3533	1499	491
NEVADA-----	61	24185	0	980	247	93
MOUNTAIN-----	26069	921967	14731	64252	18431	2615
WASHINGTON-----	4376	102246	1707	25717	2368	328
OREGON-----	2018	153124	1767	14797	1845	339
CALIFORNIA-----	21344	1042409	15793	496039	6787	3360
PACIFIC-----	27738	1297578	19267	536553	11000	4027
47 STATES-----	375040	21152833	410993	2482603	497443	107296



APPENDIX TABLE 105.--INSHIPMENTS OF FORMULA FEED INGREDIENTS: PERCENT RECEIVED BY MODE OF TRANSPORTATION, BY STATE AND REGION, 1973

STATE AND REGION	COMPANY	TRUCK		RAIL	BARGE
		ALL OTHER	TOTAL		
-PERCENT-					
MAINE-----	2.8	10.4	13.2	86.8	0.0
NEW HAMPSHIRE-----	1.7	3.3	5.0	95.0	0.0
VERMONT-----	0.5	4.1	4.6	95.4	0.0
MASSACHUSETTS-----	0.8	5.1	5.9	94.1	0.0
CONNECTICUT-----	0.0	5.0	5.0	95.0	0.0
NEW YORK-----	28.7	21.6	50.3	49.7	0.0
NEW JERSEY-----	10.2	55.9	74.1	25.9	0.0
PENNSYLVANIA-----	32.6	40.7	73.2	26.8	0.0
DELAWARE-----	16.4	71.6	88.0	12.0	0.0
MARYLAND-----	37.7	51.1	88.8	11.2	0.0
NORTHEAST-----	28.8	34.1	62.9	37.1	0.0
MICHIGAN-----	26.0	54.5	80.5	19.5	0.0
WISCONSIN-----	29.3	59.8	89.1	10.9	0.0
MINNESOTA-----	32.2	62.7	94.9	5.1	0.0
LAKE STATES-----	29.8	60.0	89.7	10.3	0.0
OHIO-----	50.3	42.8	93.0	7.0	0.0
INDIANA-----	53.1	43.4	96.5	3.5	0.0
ILLINOIS-----	40.2	51.7	91.8	7.9	0.2
IOWA-----	42.0	53.2	95.2	4.6	0.2
MISSOURI-----	45.2	41.5	86.7	13.0	0.3
CORN BELT-----	45.6	47.6	93.3	6.6	0.1
NORTH DAKOTA-----	30.1	68.0	98.1	1.9	0.0
SOUTH DAKOTA-----	43.6	53.4	97.0	3.0	0.0
NEBRASKA-----	31.3	63.0	94.2	5.8	0.0
KANSAS-----	34.5	55.9	90.5	9.5	0.0
NORTHERN PLAINS-----	34.4	58.5	92.9	7.1	0.0
VIRGINIA-----	21.6	50.0	71.5	28.5	0.0
WEST VIRGINIA-----	20.8	40.0	60.8	39.2	0.0
NORTH CAROLINA-----	37.0	45.9	82.9	19.1	0.0
KENTUCKY-----	46.2	34.3	80.5	19.5	0.0
TENNESSEE-----	31.9	33.4	65.3	34.1	0.6
APPALACHIAN-----	35.1	40.8	76.9	23.9	0.1
SOUTH CAROLINA-----	39.0	55.3	94.4	5.6	0.0
GEORGIA-----	23.6	43.9	67.5	32.5	0.0
FLORIDA-----	16.7	44.0	60.7	39.3	0.0
ALABAMA-----	25.2	51.2	76.4	21.4	2.2
SOUTHEAST-----	24.4	47.2	71.6	27.8	0.6
MISSISSIPPI-----	27.0	35.0	62.0	17.8	0.2
ARKANSAS-----	9.1	49.8	58.9	41.0	0.0
LOUISIANA-----	22.5	39.0	61.6	37.8	0.6
DELTA STATES-----	18.5	42.1	60.6	39.2	0.2
OKLAHOMA-----	25.8	55.0	80.8	19.2	0.0
TEXAS-----	25.0	48.2	73.2	26.8	0.0
SOUTHERN PLAINS-----	25.2	49.8	75.1	24.9	0.0
MONTANA-----	29.2	69.1	98.4	1.6	0.0
IDAHO-----	32.5	63.3	95.8	4.2	0.0
WYOMING-----	36.3	58.4	96.8	3.3	0.0
COLORADO-----	27.1	60.2	87.3	12.7	0.0
NEW MEXICO-----	25.7	58.2	93.9	6.1	0.0
ARIZONA-----	16.6	73.1	89.7	10.3	0.0
UTAH-----	27.0	65.2	92.3	7.7	0.0
NEVADA-----	59.3	36.0	95.3	4.8	0.0
MOUNTAIN-----	28.9	64.4	93.4	6.6	0.0
WASHINGTON-----	20.1	44.3	64.4	35.6	0.0
OREGON-----	22.5	44.9	67.4	32.6	0.0
CALIFORNIA-----	21.2	51.3	72.5	27.5	0.0
PACIFIC-----	21.2	48.7	70.0	30.0	0.0
47 STATES-----	34.1	49.8	83.9	16.0	0.1

APPENDIX TABLE 106.--INGREDIENT STORAGE CAPACITY OF FEED MANUFACTURERS: AVERAGE PER ESTABLISHMENT, BY REGION AND SIZE INTERVAL, 1975

REGION AND SIZE INTERVAL	AVERAGE TONS PER ESTABLISHMENT						
	GRAINS		OTHER DRY INGREDIENTS			LIQUID	
	BAG	BULK	BAG	BULK	MOLASSES	FAT	
----- TONS -----							
NORTHEAST:							
UP TO 999 TONS--:	62.	330.	53.	93.	27.	1.	
1,000-9,999 TONS--:	99.	450.	90.	211.	44.	9.	
10,000-24,999 TONS--:	127.	1097.	144.	527.	50.	16.	
25,000-49,999 TONS--:	77.	1322.	116.	1804.	75.	33.	
50,000 TONS AND UP--:	2979.	20934.	199.	1583.	234.	80.	
WEIGHTED AVERAGE--:	222.	2444.	107.	546.	59.	42.	
LAKE STATES:							
UP TO 999 TONS--:	201.	2485.	68.	65.	24.	6.	
1,000-9,999 TONS--:	78.	1180.	106.	109.	30.	20.	
10,000-24,999 TONS--:	95.	6606.	193.	177.	41.	25.	
25,000-49,999 TONS--:	593.	1929.	237.	658.	67.	65.	
50,000 TONS AND UP--:	91.	11686.	877.	8547.	142.	57.	
WEIGHTED AVERAGE--:	109.	2991.	168.	677.	40.	38.	
CORN BELT:							
UP TO 999 TONS--:	116.	4057.	34.	34.	19.	20.	
1,000-9,999 TONS--:	139.	4968.	68.	77.	29.	17.	
10,000-24,999 TONS--:	66.	12265.	121.	1749.	72.	26.	
25,000-49,999 TONS--:	76.	3059.	124.	594.	204.	29.	
50,000 TONS AND UP--:	52.	14319.	172.	1739.	198.	83.	
WEIGHTED AVERAGE--:	121.	6293.	80.	504.	58.	43.	
NORTHERN PLAINS:							
UP TO 999 TONS--:	105.	3482.	41.	105.	32.	0.	
1,000-9,999 TONS--:	125.	2351.	69.	271.	152.	20.	
10,000-24,999 TONS--:	151.	2769.	151.	496.	60.	18.	
25,000-49,999 TONS--:	75.	2187.	185.	889.	142.	2478.	
50,000 TONS AND UP--:	0.	7387.	181.	865.	144.	107.	
WEIGHTED AVERAGE--:	124.	2793.	87.	392.	131.	651.	
APPALACHIAN:							
UP TO 999 TONS--:	56.	602.	15.	28.	24.	0.	
1,000-9,999 TONS--:	462.	2612.	76.	99.	41.	416.	
10,000-24,999 TONS--:	128.	1890.	153.	321.	51.	12.	
25,000-49,999 TONS--:	0.	8570.	117.	1324.	202.	40.	
50,000 TONS AND UP--:	166.	4437.	194.	1446.	287.	96.	
WEIGHTED AVERAGE--:	346.	2700.	90.	429.	71.	119.	
SOUTHEAST:							
UP TO 999 TONS--:	24.	838.	46.	22.	115.	0.	
1,000-9,999 TONS--:	150.	1864.	56.	119.	152.	2.	
10,000-24,999 TONS--:	506.	2675.	218.	302.	107.	91.	
25,000-49,999 TONS--:	1705.	2994.	939.	447.	68.	42.	
50,000 TONS AND UP--:	37.	7947.	175.	3851.	411.	104.	
WEIGHTED AVERAGE--:	340.	2775.	207.	1119.	164.	76.	

--CONTINUED--

APPENDIX TABLE 106.--INGREDIENT STORAGE CAPACITY OF FEED MANUFACTURERS: AVERAGE PER ESTABLISHMENT, BY REGION AND SIZE INTERVAL, 1975 --CONTINUED

REGION AND SIZE INTERVAL	AVERAGE TONS PER ESTABLISHMENT						
	GRAINS		OTHER DRY INGREDIENTS			LIQUID	
	BAG	BULK	BAG	BULK	BULK	MOLASSES	FAT
----- TONS -----							
DELTA STATES:							
UP TO 999 TONS----	88.	296.	15.	21.	16.	0.	
1,000-9,999 TONS--	170.	310.	102.	128.	83.	38.	
10,000-24,999 TONS--	192.	455.	231.	190.	46.	20.	
25,000-49,999 TONS--	5000.	4421.	850.	2626.	142.	37.	
50,000 TONS AND UP--	155.	3325.	157.	1252.	149.	81.	
WEIGHTED AVERAGE--	279.	1507.	220.	799.	94.	63.	
SOUTHERN PLAINS:							
UP TO 999 TONS----	219.	1499.	109.	47.	86.	1.	
1,000-9,999 TONS--	141.	1013.	128.	313.	1573.	15.	
10,000-24,999 TONS--	90.	1349.	144.	303.	52.	23.	
25,000-49,999 TONS--	604.	2734.	510.	781.	84.	35.	
50,000 TONS AND UP--	1242.	9115.	299.	3337.	458.	115.	
WEIGHTED AVERAGE--	284.	2742.	217.	977.	801.	67.	
MOUNTAIN:							
UP TO 999 TONS----	203.	2172.	18.	20.	52.	120.	
1,000-9,999 TONS--	262.	2584.	119.	222.	56.	28.	
10,000-24,999 TONS--	83.	6257.	190.	810.	58.	28.	
25,000-49,999 TONS--	146.	4636.	165.	418.	421.	28.	
50,000 TONS AND UP--	1177.	6519.	60.	989.	43.	51.	
WEIGHTED AVERAGE--	278.	3785.	118.	448.	186.	34.	
PACIFIC:							
UP TO 999 TONS----	0.	4500.	0.	400.	0.	0.	
1,000-9,999 TONS--	251.	1950.	213.	153.	40.	22.	
10,000-24,999 TONS--	260.	3440.	199.	1216.	54.	24.	
25,000-49,999 TONS--	1006.	3327.	390.	806.	72.	31.	
50,000 TONS AND UP--	550.	13539.	187.	7935.	83.	50.	
WEIGHTED AVERAGE--	458.	6062.	218.	3447.	62.	38.	
U.S. TOTAL:							
UP TO 999 TONS----	120.	2479.	44.	56.	40.	39.	
1,000-9,999 TONS--	161.	2764.	84.	145.	163.	40.	
10,000-24,999 TONS--	145.	6206.	158.	873.	60.	25.	
25,000-49,999 TONS--	612.	3075.	331.	828.	143.	314.	
50,000 TONS AND UP--	924.	10284.	264.	3268.	227.	84.	
WEIGHTED AVERAGE--	213.	3974.	122.	722.	139.	115.	

APPENDIX TABLE 107.--INGREDIENT LOSSES IN PRODUCTION: NUMBER OF ESTABLISHMENTS BY PERCENT OF SHRINKAGE, BY STATE AND REGION, 1973

STATE AND REGION	TOTAL ESTABLISHMENTS	NUMBER OF ESTABLISHMENTS						
		RANGE IN SHRINKAGE (PERCENT)						
		: 0.1 - 0.5 : 0.6 - 1.0 : 1.1 - 1.5 : 1.6 - 2.0 : 2.1 - 2.5 : 2.6 - 3.0 : OVER 3.0						
MAINE-----	12	1	5	1	1	0	0	3
NEW HAMPSHIRE-----	5	0	3	2	0	0	0	0
VERMONT-----	6	0	0	0	3	0	3	0
MASSACHUSETTS-----	9	4	4	0	0	0	2	0
CONNECTICUT-----	0	0	0	0	0	0	0	0
NEW YORK-----	152	26	39	6	45	2	13	21
NEW JERSEY-----	17	0	9	8	0	0	0	0
PENNSYLVANIA-----	188	32	71	15	41	4	18	8
DELAWARE-----	16	3	5	1	4	1	0	1
MARYLAND-----	52	10	21	1	11	0	1	8
NORTHEAST-----	458	76	156	35	105	7	38	41
MICHIGAN-----	108	7	53	13	19	1	6	10
WISCONSIN-----	366	53	168	28	95	0	14	8
MINNESOTA-----	245	49	120	4	57	1	7	7
LAKE STATES-----	719	109	341	46	170	3	26	24
OHIO-----	261	44	162	4	30	2	9	3
INDIANA-----	293	79	152	8	40	0	11	16
ILLINOIS-----	320	84	122	20	59	3	16	21
IOWA-----	164	136	208	22	62	6	9	6
MISSOURI-----	184	16	69	27	47	0	6	19
CORN BELT-----	1522	359	713	81	257	12	53	67
NORTH DAKOTA-----	22	9	5	6	1	0	0	0
SOUTH DAKOTA-----	55	11	16	0	20	0	5	3
NEBRASKA-----	208	20	94	15	47	0	9	25
KANSAS-----	340	47	157	24	79	3	17	11
NORTHERN PLAINS-----	523	87	272	43	148	3	32	39
VIRGINIA-----	64	4	27	2	17	1	10	3
WEST VIRGINIA-----	12	0	8	0	4	0	0	0
NORTH CAROLINA-----	144	14	66	3	14	0	8	40
KENTUCKY-----	101	18	30	3	35	0	8	7
TENNESSEE-----	60	8	13	6	14	1	3	14
APPALACHIAN-----	381	43	145	15	83	3	28	64
SOUTH CAROLINA-----	38	6	11	0	9	2	8	1
GEORGIA-----	137	19	59	3	20	1	24	11
FLORIDA-----	67	16	13	8	16	2	4	9
ALABAMA-----	77	1	16	4	23	0	16	16
SOUTHEAST-----	319	42	99	15	68	6	51	38
MISSISSIPPI-----	61	9	24	3	14	5	3	5
ARKANSAS-----	82	15	31	24	9	0	0	3
LOUISIANA-----	33	8	14	1	8	0	0	1
DELTA STATES-----	176	32	69	28	31	5	16	8
OKLAHOMA-----	98	0	30	8	37	0	16	20
TEXAS-----	282	35	90	15	81	4	20	37
SOUTHERN PLAINS-----	380	35	120	23	118	4	36	45
MONTANA-----	55	6	26	0	4	2	6	4
IDAHO-----	53	10	25	2	6	2	5	2
WYOMING-----	8	2	4	2	2	0	0	8
COLORADO-----	52	10	14	1	13	1	4	8
NEW MEXICO-----	29	0	3	3	8	0	0	2
ARIZONA-----	15	0	5	0	7	2	0	5
UTAH-----	29	6	7	5	3	0	2	2
NEVADA-----	7	2	4	0	0	0	0	0
MOUNTAIN-----	243	36	87	23	46	7	17	31
WASHINGTON-----	42	12	13	1	8	1	0	7
OREGON-----	33	4	14	1	11	1	1	0
CALIFORNIA-----	138	24	46	6	50	0	8	25
PACIFIC-----	214	40	72	9	49	3	9	32
47 STATES-----	5837	658	2074	316	1055	51	293	390

APPENDIX TABLE 108.--PRIMARY FORMULA FEED PRODUCTION: NUMBER OF ESTABLISHMENTS, PRODUCTION, AND PERCENT BAGGED,  
BY STATE AND REGION, 1975

STATE AND REGION	ESTABLISHMENTS	PRIMARY PRODUCTION	PRODUCTION BAGGED
	NUMBER	TONS	PERCENT
MAINE-----	12	748859	3
NEW HAMPSHIRE-----	7	179617	52
VERMONT-----	9	843733	21
MASSACHUSETTS-----	13	321638	42
CONNECTICUT-----	3	68082	5
NEW YORK-----	157	1769179	20
NEW JERSEY-----	9	361119	20
PENNSYLVANIA-----	178	2271195	51
DELAWARE-----	14	823959	35
MARYLAND-----	33	2818927	28
NORTHEAST-----	435	10226307	34
MICHIGAN-----	56	393326	58
WISCONSIN-----	197	1702230	49
MINNESOTA-----	152	1602125	35
LAKE STATES-----	404	3697681	45
OHIO-----	108	2457726	51
INDIANA-----	142	2088157	32
ILLINOIS-----	95	2017342	37
IOWA-----	303	3153150	50
KANSAS-----	98	1874888	48
CORN BELT-----	751	11591243	37
NORTH DAKOTA-----	21	163111	16
SOUTH DAKOTA-----	58	445993	15
NEBRASKA-----	137	1898533	18
KANSAS-----	183	2945826	21
NORTHERN PLAINS-----	379	4545463	19
VIRGINIA-----	52	1006103	54
WEST VIRGINIA-----	4	22522	73
NORTH CAROLINA-----	88	2491505	38
KENTUCKY-----	41	565611	45
TENNESSEE-----	61	2202471	39
APPALACHIAN-----	246	6288211	43
SOUTH CAROLINA-----	24	291246	62
GEORGIA-----	95	3856281	30
FLORIDA-----	80	2418886	29
ALABAMA-----	61	1766462	50
SOUTHEAST-----	260	8332876	37
MISSISSIPPI-----	58	1714149	39
ARKANSAS-----	63	3337790	27
LOUISIANA-----	35	767691	43
DELTA STATES-----	156	5819630	35
OKLAHOMA-----	98	2100408	38
TEXAS-----	267	7890698	29
SOUTHERN PLAINS-----	366	9991306	32
MONTANA-----	55	262703	21
IDAH0-----	56	456741	25
WYOMING-----	10	37289	51
COLORADO-----	40	1786289	8
NEW MEXICO-----	27	355544	16
ARIZONA-----	22	1315461	14
UTAH-----	18	306901	20
NEVADA-----	7	346662	11
mountain-----	215	4866590	19
WASHINGTON-----	38	1070959	21
OREGON-----	42	380261	23
CALIFORNIA-----	137	7863795	11
PACIFIC-----	217	9315014	19
47 STATES-----	3428	74674320	33

APPENDIX TABLE 109.--MANUFACTURED FEED STORAGE CAPACITY: TOTAL BY STORAGE TYPE, BY STATE AND REGION, 1975

STATE AND REGION	MANUFACTURED FEED		
	BAG	BULK	LIQUID
TONS			
MAINE-----	1707	3984	0
NEW HAMPSHIRE-----	867	2058	0
VERMONT-----	2310	7896	288
MASSACHUSETTS-----	2011	4603	0
CONNECTICUT-----	428	2676	0
NEW YORK-----	9597	20201	821
NEW JERSEY-----	761	5775	0
PENNSYLVANIA-----	18326	32629	814
DELAWARE-----	2631	7128	0
MARYLAND-----	2400	9467	95
NORTHEAST-----	41038	96418	2010
MICHIGAN-----	7753	3644	228
WISCONSIN-----	18408	17313	2967
MINNESOTA-----	22702	9158	362
LAKE STATES-----	48863	30115	3758
OHIO-----	15657	12492	566
INDIANA-----	14144	11176	7626
ILLINOIS-----	32936	16542	1283
IOWA-----	68200	30471	1860
MISSOURI-----	29096	24584	1355
CORN BELT-----	152034	95266	12650
NORTH DAKOTA-----	4866	2909	392
SOUTH DAKOTA-----	9355	6318	467
NEBRASKA-----	28003	57253	1195
KANSAS-----	26338	32767	4784
NORTHERN PLAINS-----	68562	99847	6818
VIRGINIA-----	5101	5301	967
WEST VIRGINIA-----	520	880	90
NORTH CAROLINA-----	8050	33431	448
KENTUCKY-----	8073	4950	1439
TENNESSEE-----	10265	9519	65
APPALACHIAN-----	32010	54081	2989
SOUTH CAROLINA-----	992	802	0
GEORGIA-----	14782	22589	333
FLORIDA-----	4963	27852	619
ALABAMA-----	12260	6880	156
SOUTHEAST-----	32997	58123	1107
MISSISSIPPI-----	2991	7623	550
ARKANSAS-----	6432	21347	523
LOUISIANA-----	3356	3047	42
DELTA STATES-----	12779	32017	1115
OKLAHOMA-----	30778	8001	824
TEXAS-----	52880	44015	3112
SOUTHERN PLAINS-----	83658	52016	3936
MONTANA-----	5568	3955	0
IDAHO-----	4644	2940	1866
WYOMING-----	2085	863	0
COLORADO-----	3386	3756	224
NEV. MEXICO-----	16466	10843	452
ARIZONA-----	5211	1625	82
UTAH-----	1200	3506	0
NEVADA-----	485	1409	0
MOUNTAIN-----	39046	28896	2624
WASHINGTON-----	6711	6498	147
OREGON-----	7796	6488	0
CALIFORNIA-----	13617	51186	2550
PACIFIC-----	28124	64172	2696
47 STATES-----	539110	610951	39705

APPENDIX TABLE 110.--MANUFACTURED FEED STORAGE CAPACITY: AVERAGE PER ESTABLISHMENT,  
BY REGION AND SIZE INTERVAL, 1975

REGION AND SIZE INTERVAL	AVERAGE TONS PER ESTABLISHMENT		
	BAG	BULK	LIQUID
TONS			
<b>NORTHEAST:</b>			
UP TO 999 TONS----:	53.	96.	25.
1,000-9,999 TONS--:	67.	57.	57.
10,000-24,999 TONS--:	76.	164.	109.
25,000-49,999 TONS--:	162.	341.	55.
50,000 TONS AND UP--:	381.	1385.	8.
WEIGHTED AVERAGE--:	107.	360.	63.
<b>LAKE STATES:</b>			
UP TO 999 TONS----:	41.	18.	20.
1,000-9,999 TONS--:	74.	57.	38.
10,000-24,999 TONS--:	112.	112.	53.
25,000-49,999 TONS--:	209.	178.	140.
50,000 TONS AND UP--:	445.	346.	27.
WEIGHTED AVERAGE--:	104.	98.	57.
<b>CORN BELT:</b>			
UP TO 999 TONS----:	50.	39.	20.
1,000-9,999 TONS--:	75.	81.	32.
10,000-24,999 TONS--:	239.	125.	304.
25,000-49,999 TONS--:	397.	170.	148.
50,000 TONS AND UP--:	580.	365.	58.
WEIGHTED AVERAGE--:	141.	112.	106.
<b>NORTHERN PLAINS:</b>			
UP TO 999 TONS----:	46.	29.	40.
1,000-9,999 TONS--:	106.	133.	38.
10,000-24,999 TONS--:	319.	221.	185.
25,000-49,999 TONS--:	586.	1552.	320.
50,000 TONS AND UP--:	850.	395.	259.
WEIGHTED AVERAGE--:	185.	279.	103.
<b>APPALACHIAN:</b>			
UP TO 999 TONS----:	32.	65.	13.
1,000-9,999 TONS--:	57.	135.	34.
10,000-24,999 TONS--:	119.	89.	198.
25,000-49,999 TONS--:	554.	647.	0.
50,000 TONS AND UP--:	506.	693.	304.
WEIGHTED AVERAGE--:	122.	278.	101.
<b>SOUTHEAST:</b>			
UP TO 999 TONS----:	40.	63.	31.
1,000-9,999 TONS--:	78.	57.	129.
10,000-24,999 TONS--:	304.	266.	40.
25,000-49,999 TONS--:	169.	529.	64.
50,000 TONS AND UP--:	572.	564.	50.
WEIGHTED AVERAGE--:	172.	358.	62.

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APPENDIX TABLE 110.--MANUFACTURED FEED STORAGE CAPACITY: AVERAGE PER ESTABLISHMENT,  
BY REGION AND SIZE INTERVAL, 1975 ---CONTINUED

REGION AND SIZE INTERVAL	AVERAGE TONS PER ESTABLISHMENT		
	BAG	BULK	LIQUID
----- TONS -----			
<b>DELTA STATES:</b>			
UP TO 999 TONS---	19.	0.	0.
1,000-9,999 TONS--	61.	55.	44.
10,000-24,999 TONS--	144.	131.	71.
25,000-49,999 TONS--	237.	554.	60.
50,000 TONS AND UP--	519.	436.	110.
WEIGHTED AVERAGE--	159.	318.	52.
<b>SOUTHERN PLAINS:</b>			
UP TO 999 TONS---	76.	58.	16.
1,000-9,999 TONS--	270.	120.	55.
10,000-24,999 TONS--	384.	669.	50.
25,000-49,999 TONS--	649.	202.	450.
50,000 TONS AND UP--	1088.	392.	257.
WEIGHTED AVERAGE--	393.	278.	101.
<b>MOUNTAIN:</b>			
UP TO 999 TONS---	24.	200.	0.
1,000-9,999 TONS--	187.	95.	126.
10,000-24,999 TONS--	855.	518.	38.
25,000-49,999 TONS--	493.	277.	1000.
50,000 TONS AND UP--	132.	244.	48.
WEIGHTED AVERAGE--	321.	229.	202.
<b>PACIFIC:</b>			
UP TO 999 TONS---	0.	50.	0.
1,000-9,999 TONS--	128.	400.	32.
10,000-24,999 TONS--	262.	236.	40.
25,000-49,999 TONS--	310.	305.	250.
50,000 TONS AND UP--	370.	580.	637.
WEIGHTED AVERAGE--	252.	404.	196.
<b>U.S. TOTAL:</b>			
UP TO 999 TONS---	46.	48.	20.
1,000-9,999 TONS--	92.	97.	43.
10,000-24,999 TONS--	235.	201.	167.
25,000-49,999 TONS--	369.	455.	222.
50,000 TONS AND UP--	552.	583.	195.
WEIGHTED AVERAGE--	164.	225.	95.

APPENDIX TABLE 111.--OUTSHIPMENTS OF FORMULA FEED: PERCENT SHIPPED BY MODE OF TRANSPORTATION, BY STATE AND REGION, 1975

STATE AND REGION	TRUCK				RAIL	BARGE
	COMPANY-OWNED	CUSTOMER-OWNED	ALL OTHER	TOTAL		
PERCENT						
MAINE-----	46.6	0.1	50.6	97.2	2.8	0.0
NEW HAMPSHIRE-----	60.0	15.0	0.3	75.3	24.7	0.0
VERMONT-----	72.3	8.1	0.0	80.4	19.6	0.0
MASSACHUSETTS-----	89.2	6.0	0.0	95.2	4.8	0.0
CONNECTICUT-----	98.0	2.0	0.0	100.0	0.0	0.0
NEW YORK-----	71.1	24.0	4.1	99.3	0.7	0.0
NEW JERSEY-----	50.0	39.0	4.0	93.0	7.0	0.0
PENNSYLVANIA-----	66.1	28.1	4.3	98.4	1.6	0.0
DELAWARE-----	62.9	36.8	0.2	99.9	0.1	0.0
MARYLAND-----	59.7	29.0	11.1	99.9	0.1	0.0
NORTHEAST-----	67.0	25.5	5.7	98.3	1.7	0.0
MICHIGAN-----	45.9	51.9	2.2	100.0	0.0	0.0
WISCONSIN-----	54.5	43.0	2.4	99.9	0.1	0.0
MINNESOTA-----	65.6	26.5	6.4	98.4	1.6	0.0
LAKE STATES-----	56.9	38.8	3.7	99.4	0.6	0.0
OHIO-----	55.2	41.6	2.6	99.5	0.5	0.0
INDIANA-----	51.3	44.4	3.5	99.3	0.7	0.0
ILLINOIS-----	54.7	35.5	7.3	97.5	2.5	0.0
IOWA-----	74.9	19.6	5.1	99.6	0.4	0.0
KANSAS-----	53.7	37.3	5.6	96.6	3.4	0.0
CORN BELT-----	61.3	32.7	4.8	98.8	1.2	0.0
NORTH DAKOTA-----	26.2	67.0	6.8	100.0	0.0	0.0
SOUTH DAKOTA-----	63.7	30.5	5.4	99.6	0.4	0.0
NEBRASKA-----	66.6	25.4	5.9	97.8	2.2	0.0
KANSAS-----	63.5	35.1	0.8	99.4	0.6	0.0
NORTHERN PLAINS-----	61.7	33.7	3.5	98.9	1.1	0.0
VIRGINIA-----	53.0	41.4	3.9	98.4	1.6	0.0
WEST VIRGINIA-----	24.2	75.0	0.8	100.0	0.0	0.0
NORTH CAROLINA-----	69.3	22.8	5.3	97.4	2.6	0.0
KENTUCKY-----	43.1	51.6	4.2	98.9	1.1	0.0
TENNESSEE-----	48.0	41.7	3.2	92.8	7.0	0.1
APPALACHIAN-----	54.5	38.2	4.1	96.9	3.1	0.0
SOUTH CAROLINA-----	52.8	41.3	4.0	96.1	1.9	0.0
GEORGIA-----	65.6	22.4	5.1	97.0	3.0	0.0
FLORIDA-----	66.8	19.3	6.9	93.0	6.7	0.3
ALABAMA-----	42.7	34.0	1.4	98.1	1.9	0.0
SOUTHEAST-----	58.5	31.9	6.0	96.4	3.5	0.1
MISSISSIPPI-----	59.9	31.5	7.0	98.4	1.6	0.0
ARKANSAS-----	75.6	19.5	1.3	96.4	3.6	0.0
LOUISIANA-----	67.0	28.9	1.2	97.1	2.9	0.0
DELTA STATES-----	67.4	26.3	3.6	97.4	2.6	0.0
OKLAHOMA-----	56.1	35.1	6.7	97.9	2.1	0.0
TEXAS-----	63.5	29.6	3.5	96.6	3.4	0.0
SOUTHERN PLAINS-----	61.5	31.1	4.4	97.0	3.0	0.0
MONTANA-----	46.1	44.1	9.7	100.0	0.0	0.0
IDAHO-----	57.0	32.0	10.8	99.7	0.3	0.0
WYOMING-----	53.8	45.6	0.6	100.0	0.0	0.0
COLORADO-----	81.2	13.2	4.9	99.3	0.7	0.0
NEW MEXICO-----	60.6	33.0	5.0	98.6	1.4	0.0
ARIZONA-----	82.2	16.0	1.8	100.0	0.0	0.0
UTAH-----	55.6	37.5	6.6	99.7	0.3	0.0
NEVADA-----	78.3	19.3	2.5	100.0	0.0	0.0
MOUNTAIN-----	62.3	30.4	7.0	99.6	0.4	0.0
WASHINGTON-----	59.0	32.3	1.1	92.5	7.5	0.0
OREGON-----	64.0	26.5	4.4	94.8	5.2	0.0
CALIFORNIA-----	81.9	15.4	2.1	99.4	0.6	0.0
PACIFIC-----	75.0	20.1	2.4	97.5	2.5	0.0
47 STATES-----	61.7	32.0	4.6	98.3	1.7	0.0

APPENDIX TABLE 112.--DUTSHIPMENTS OF FORMULA FEED: AVERAGE DISTANCES SHIPPED FROM PLANT BY MODE OF TRANSPORTATION,  
BY STATE AND REGION, 1975

STATE AND REGION	TRUCK				RAIL	BARGE
	COMPANY-OWNED	CUSTOMER-OWNED	ALL OTHER	TOTAL		
-MILES-						
MAINE-----	33	20	34	43	75	0
NEW HAMPSHIRE-----	22	19	50	74	80	0
VERMONT-----	51	27	0	64	165	0
MASSACHUSETTS-----	37	20	20	57	76	0
CONNECTICUT-----	20	35	8	63	0	0
NEW YORK-----	18	17	47	54	194	0
NEW JERSEY-----	20	14	60	42	130	0
PENNSYLVANIA-----	21	17	65	49	326	0
DELAWARE-----	31	49	100	63	50	0
MARYLAND-----	22	25	85	50	275	100
NORTHEAST-----	21	19	58	44	199	100
MICHIGAN-----	36	25	61	59	175	0
WISCONSIN-----	17	12	64	37	193	10
MINNESOTA-----	29	28	378	106	1320	163
LAKE STATES-----	23	19	173	64	767	83
OHIO-----	19	15	58	39	375	0
INDIANA-----	21	16	80	46	361	0
ILLINOIS-----	27	26	113	79	365	0
IOWA-----	28	25	92	64	468	0
MISSOURI-----	32	42	169	110	271	0
CORN BELT-----	25	24	103	64	362	0
NORTH DAKOTA-----	60	45	399	152	0	0
SOUTH DAKOTA-----	35	25	88	60	150	0
NEBRASKA-----	40	28	134	102	160	0
KANSAS-----	18	17	110	39	181	0
NORTHERN PLAINS-----	30	24	148	71	166	0
VIRGINIA-----	31	25	66	58	114	0
WEST VIRGINIA-----	16	21	60	47	0	0
NORTH CAROLINA-----	39	33	96	62	98	0
KENTUCKY-----	50	27	55	58	539	0
TENNESSEE-----	44	32	109	83	241	97
APPALACHIAN-----	36	29	81	64	206	97
SOUTH CAROLINA-----	29	20	50	47	80	0
GEORGIA-----	46	30	110	84	319	70
FLORIDA-----	46	89	108	107	229	1500
ALABAMA-----	54	33	225	84	324	0
SOUTHEAST-----	46	41	121	86	294	656
MISSISSIPPI-----	30	32	93	58	76	0
ARKANSAS-----	27	35	41	45	311	0
LOUISIANA-----	35	28	15	52	104	0
DELTA STATES-----	29	32	69	52	207	0
OKLAHOMA-----	32	43	201	77	174	0
TEXAS-----	39	39	97	79	162	0
SOUTHERN PLAINS-----	37	40	112	79	166	0
MONTANA-----	59	50	281	160	0	0
IDAHO-----	56	25	181	98	259	0
WYOMING-----	36	44	57	94	0	0
COLORADO-----	36	29	99	76	137	0
NEW MEXICO-----	46	112	565	356	500	0
ARIZONA-----	28	135	27	84	0	0
UTAH-----	31	44	200	124	500	0
NEVADA-----	25	48	250	112	0	0
MOUNTAIN-----	40	48	232	132	568	0
WASHINGTON-----	35	23	107	82	181	0
OREGON-----	38	27	186	112	394	2500
CALIFORNIA-----	29	36	86	55	197	0
PACIFIC-----	32	31	123	70	249	2500
47 STATES-----	30	27	123	69	303	453

APPENDIX TABLE 113.--MAJOR ACTIVITY OF ESTABLISHMENTS MANUFACTURING FEED: NUMBER OF ESTABLISHMENTS,  
BY MAJOR SOURCE OF GROSS INCOME, BY REGION, 1975

MAJOR SOURCE OF GROSS INCOME	REGIONS										UNITED STATES
	NORTHEAST STATES		LAKE BELT	NORTHERN PLAINS	APPALA- CHIAN	SOUTHEAST	DELTA STATES	SOUTHERN PLAINS	MOUNTAIN	PACIFIC	
	NUMBER										
FEED MANUFACTURING--	290	231	463	156	167	185	92	211	96	127	1998
PET FOOD-----	2	1	13	0	4	3	3	0	0	0	26
GRAIN STORAGE-----	1	25	71	80	1	15	0	9	14	12	229
GRAIN MERCHANDISING--	38	145	669	391	32	24	7	25	39	6	1376
GRAIN PROCESSING----	8	40	57	21	14	17	3	4	26	8	199
OILSEED PROCESSING--	2	0	4	0	1	0	0	7	2	0	15
FARM SUPPLY-----	220	363	487	86	168	43	26	88	32	14	1526
HATCHERY-----	0	3	3	0	0	0	1	0	0	0	7
MILK PRODUCTION----	8	13	3	4	3	2	1	4	5	2	45
CATTLE FEEDING----	8	6	23	81	2	21	7	74	76	48	346
HOG PRODUCTION----	3	2	43	23	40	20	5	0	0	3	139
TURKEY PRODUCTION--	2	7	2	3	4	3	4	3	3	6	37
BROILER PRODUCTION--	8	0	2	0	9	11	30	14	0	3	77
EGG PRODUCTION----	10	7	17	6	11	36	14	8	0	9	119
OTHER-----	10	28	61	22	26	10	3	27	11	2	200
U.S. TOTAL-----	611	870	1900	873	482	391	196	473	304	239	6340

APPENDIX TABLE 114.--PRODUCTION: PRIMARY AND SECONDARY FORMULA FEEDS BY MAJOR SOURCE OF GROSS INCOME, UNITED STATES, 1975 1/

MAJOR SOURCE OF GROSS INCOME	PRIMARY PRODUCTION			SECONDARY PRODUCTION			BOTH PRIMARY AND SECONDARY PRODUCTION			TOTAL PRIMARY FEED	TOTAL SECONDARY FEED	TOTAL PRODUCTION ALL ESTAB- LISHMENTS
	ESTABLISH- MENTS	FEED	ESTABLISH- MENTS	FEED	ESTABLISH- MENTS	FEED	PRIMARY	SECONDARY				
	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	TONS	TONS	TONS			
FEED MANUFACTURING--	1016.	39789526.	443.	3693077.	539.	5248677.	2783183.	45038203.	6476259.	1998.	51514462.	
DAIRY PRODUCTION----	15.	89416.	12.	60025.	18.	34077.	56293.	123492.	116318.	45.	239811.	
CATTLE FEEDING-----	175.	8107036.	139.	5653805.	31.	511948.	105307.	8618984.	5759112.	346.	14378097.	
HOG PRODUCTION-----	24.	72599.	91.	452194.	25.	33024.	56278.	105624.	508472.	139.	614095.	
TURKEY PRODUCTION---	29.	1079490.	6.	24271.	2.	18145.	682.	1097634.	24953.	37.	1122587.	
BROILER PRODUCTION--	76.	7571686.	0.	0.	1.	118897.	4076.	7690583.	4076.	77.	7694659.	
EGG PRODUCTION-----	69.	1843185.	45.	438680.	5.	73520.	38759.	1916705.	477439.	119.	2394144.	
U.S. TOTAL-----	1857.	64972576.	2912.	21976372.	1571.	9701743.	7879990.	74674320.	29856362.	6540.	104530681.	
PERCENT DISTRIBUTION (ROW)												
FEED MANUFACTURING--	50.9	77.2	22.2	7.2	27.0	10.2	5.4	87.4	12.6	100.0	100.0	
DAIRY PRODUCTION----	33.1	37.3	26.4	25.0	40.5	14.2	23.5	51.5	48.5	100.0	100.0	
CATTLE FEEDING-----	50.6	56.4	40.3	39.3	9.0	3.6	0.7	59.9	40.1	100.0	100.0	
HOG PRODUCTION-----	16.9	11.8	65.1	73.6	18.0	5.4	9.2	17.2	82.8	100.0	100.0	
TURKEY PRODUCTION---	78.6	96.2	15.0	2.2	6.4	1.6	0.1	97.8	2.2	100.0	100.0	
BROILER PRODUCTION--	98.2	98.4	0.0	0.0	1.8	1.5	0.1	99.9	0.1	100.0	100.0	
EGG PRODUCTION-----	58.1	77.0	37.6	18.3	4.4	3.1	1.6	80.1	19.9	100.0	100.0	
U.S. TOTAL-----	29.3	62.2	45.9	21.0	24.8	9.3	7.5	71.4	28.6	100.0	100.0	

1/ DATA APPLY ONLY TO ESTABLISHMENTS REPORTING MAJOR SOURCE OF INCOME AS WELL AS PRODUCTION DATA.

APPENDIX TABLE 115.--FORMULA FEEDS: NUMBER OF ESTABLISHMENTS WITH FEED MANUFACTURING AS THE MAJOR SOURCE OF GROSS INCOME,  
BY ONLY PRIMARY, ONLY SECONDARY, AND BOTH PRIMARY AND SECONDARY MANUFACTURING, BY STATE AND REGION, 1975

STATE AND REGION	ONLY PRIMARY MANUFACTURING	ONLY SECONDARY MANUFACTURING	BOTH PRIMARY AND SECONDARY MANUFACTURING	TOTAL
NUMBER				
MAINE-----	11	0	0	11
NEW HAMPSHIRE	3	0	0	3
VERMONT-----	7	0	0	7
MASSACHUSETTS	9	0	0	9
CONNECTICUT	3	0	0	3
NEW YORK-----	51	16	48	114
NEW JERSEY-----	1/	1/	0	5
PENNSYLVANIA-----	38	10	69	118
DELAWARE-----	1/	1/	0	5
MARYLAND-----	1/	1/	5	14
NORTHEAST-----	136	31	123	290
MICHIGAN-----	17	1/	1/	31
WISCONSIN-----	27	1/	1/	105
MINNESOTA-----	38	25	34	97
LAKE STATES-----	82	78	72	231
OHIO-----	16	23	26	65
INDIANA-----	31	30	19	80
ILLINOIS-----	41	46	13	101
IOWA-----	24	27	39	140
MISSOURI-----	26	10	21	57
CORN BELT-----	187	136	119	443
NORTH DAKOTA-----	1/	0	1/	12
SOUTH DAKOTA-----	1/	5	1/	14
NEBRASKA-----	43	14	13	70
KANSAS-----	26	13	21	60
NORTHERN PLAINS-----	84	32	41	156
VIRGINIA-----	12	10	10	32
WEST VIRGINIA-----	0	0	1/	1/
NORTH CAROLINA-----	45	26	5	76
KENTUCKY-----	8	1/	1/	1/
TENNESSEE-----	20	1/	1/	38
APPALACHIAN-----	84	60	22	167
SOUTH CAROLINA-----	15	1/	1/	28
GEORGIA-----	48	12	17	78
FLORIDA-----	32	1/	1/	43
ALABAMA-----	13	10	13	36
SOUTHEAST-----	106	37	42	185
MISSISSIPPI-----	22	11	5	38
ARKANSAS-----	17	1/	1/	27
LOUISIANA-----	23	1/	1/	28
DELTA STATES-----	63	17	12	92
OKLAHOMA-----	32	5	8	45
TEXAS-----	88	28	49	166
SOUTHERN PLAINS-----	121	34	57	211
MONTANA-----	0	1/	?	14
IDAHO-----	9	0	6	17
WYOMING-----	1/	0	1/	3
COLORADO-----	8	1/	1/	15
NEW MEXICO-----	1/	0	1/	14
ARIZONA-----	9	0	6	9
UTAH-----	1/	5	1/	20
NEVADA-----	4	0	6	4
MOUNTAIN-----	57	13	26	96
WASHINGTON-----	1/	0	1/	20
OREGON-----	1/	0	1/	19
CALIFORNIA-----	66	5	17	88
PACIFIC-----	97	5	26	127
47 STATES-----	1016	443	539	1998

1/ DATA NOT GIVEN TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

APPENDIX TABLE 116.--FORMULA FEED: PRODUCTION OF ESTABLISHMENTS WITH FEED MANUFACTURING AS THE MAJOR SOURCE OF GROSS INCOME,  
BY ONLY PRIMARY, ONLY SECONDARY, AND BOTH PRIMARY AND SECONDARY MANUFACTURING, BY STATE AND REGION, 1976

STATE AND REGION	ONLY PRIMARY MANUFACTURING	ONLY SECONDARY MANUFACTURING	BOTH PRIMARY AND SECONDARY MANUFACTURING		TOTAL
			PRIMARY	SECONDARY	
-TONS-					
MAINE-----	540859	0	0	0	540859
NEW HAMPSHIRE-----	126933	0	0	0	126933
VERMONT-----	834585	0	0	0	834585
MASSACHUSETTS-----	313530	0	0	0	313530
CONNECTICUT-----	88082	0	0	0	88082
NEW YORK-----	1236357	110076	260665	156879	1763977
NEW JERSEY-----	1/	1/	0	0	356583
PENNSYLVANIA-----	1566614	74139	324920	174504	2139178
DELAWARE-----	1/	1/	0	0	278104
MARYLAND-----	1/	1/	31785	16490	813495
NORTHEAST-----	6011972	278111	617370	347673	7255325
MICHIGAN-----	307915	1/	1/	1/	428878
WISCONSIN-----	730635	1/	1/	1/	1412600
MINNESOTA-----	931710	98125	276484	132825	1439143
LAKE STATES-----	1970260	628244	398947	283170	3280622
OHIO-----	704252	169858	147592	92115	1063817
INDIANA-----	992464	193327	110835	81849	1378474
ILLINOIS-----	1201605	227174	331717	68449	1828945
IOWA-----	1853040	116169	383040	498412	2850560
MISSOURI-----	1291296	78266	142773	27557	1539883
CORN BELT-----	6042657	784783	1118956	718582	8661779
NORTH DAKOTA-----	1/	0	1/	1/	138100
SOUTH DAKOTA-----	1/	3560	1/	1/	287139
NEBRASKA-----	1154105	210573	135513	69906	1570096
KANSAS-----	515950	62907	257497	109695	946049
NORTHERN PLAINS-----	2055088	277040	409694	199563	2941384
VIRGINIA-----	467024	35575	235950	43456	776045
WEST VIRGINIA-----	0	0	1/	1/	1/
NORTH CAROLINA-----	1770632	337150	133493	25000	2264574
KENTUCKY-----	459814	1/	1/	1/	1/
TENNESSEE-----	2206768	1/	1/	1/	1291501
APPALACHIAN-----	3904258	447698	445812	104381	4902129
SOUTH CAROLINA-----	78522	1/	1/	1/	112072
GEORGIA-----	3072932	140299	334862	115697	3663790
FLORIDA-----	1387188	1/	1/	1/	1659302
ALABAMA-----	986659	233232	88149	37988	1352025
SOUTHEAST-----	5525301	407139	630910	223839	6787189
MISSISSIPPI-----	1050804	29025	4103	13590	1097621
ARKANSAS-----	892659	1/	1/	1/	1223317
LOUISIANA-----	570669	1/	1/	1/	584683
DELTA STATES-----	2514133	129068	209944	52376	2905521
OKLAHOMA-----	1176375	132062	79682	15420	1403519
TEXAS-----	3020531	418316	506987	531225	4477060
SOUTHERN PLAINS-----	4196906	550378	506669	546645	5880599
MONTANA-----	59294	1/	1/	1/	116197
IDAHO-----	221750	0	90288	23070	335109
WYOMING-----	1/	0	1/	1/	21872
COLORADO-----	385041	1/	87850	1/	552994
NEW MEXICO-----	173875	0	1/	1/	202983
ARIZONA-----	198045	0	0	0	198045
UTAH-----	1/	121100	1/	1/	415148
NEVADA-----	289399	0	0	0	289399
MOUNTAIN-----	1574922	163140	295463	108222	2131746
WASHINGTON-----	767542	0	1/	1/	775368
OREGON-----	181661	0	1/	1/	304154
CALIFORNIA-----	5044945	27475	458713	157613	5688646
PACIFIC-----	5994048	27475	547912	198732	6748167
47 STATES-----	39789526	3693077	5298677	2783183	51514462

1/ DATA NOT GIVEN TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

APPENDIX TABLE 117--FORMULA FEED FROM PRIMARY MANUFACTURING: PRODUCTION OF ESTABLISHMENTS WITH FEED MANUFACTURING AS THE MAJOR SOURCE OF GROSS INCOME, BY TYPE OF FEED, BY STATE AND REGION, 1975

STATE AND REGION	STARTER- GROWER- LAYER- BREEDER	BROILER	TURKEY	DAIRY	BEEF AND SHEEP	HOG	HORSE	ALL OTHER	TOTAL
-TONS-									
MAINE-----	168452	300860	0	66213	0	4000	1333	0	540859
NEW HAMPSHIRE-----	37907	487	1365	78985	23	3187	3665	1275	126933
VERMONT-----	95837	1474	2019	607235	265	20994	61289	45472	834585
MASSACHUSETTS-----	170205	35	16826	98816	3206	5031	8131	11281	313530
CONNECTICUT-----	27462	4347	1278	50380	129	639	2235	1416	54082
NEW YORK-----	235869	7046	12270	1085502	2710	19611	21859	91959	1074827
NEW JERSEY-----	191400	0	1485	3318	1485	742	2970	140516	341917
PENNSYLVANIA-----	486035	328228	45252	688376	37191	120278	43824	110838	1860020
DELAWARE-----	26234	179212	2018	33183	840	29448	3362	2879	277975
MARYLAND-----	297871	257062	561	74596	5636	15622	27306	16796	693470
NORTHEAST-----	1737309	1078751	83875	2784804	51501	217554	175973	422431	6552197
MICHIGAN-----	69551	1861	6078	125155	23881	64435	7887	14339	3131R8
WISCONSIN-----	126849	16099	159549	292888	34674	137796	13314	66657	847826
MINNESOTA-----	120280	566	222703	247924	114221	387244	7619	97008	1197565
LAKE STATES-----	516690	18526	388350	668967	172776	589475	28620	178005	2358579
OHIO-----	167474	19692	33512	248470	65237	204248	38694	72044	851845
INDIANA-----	254559	9822	52203	164292	82445	391768	17359	130850	1105299
ILLINOIS-----	215806	1372	33773	200301	228028	775964	36800	41274	1533322
IOWA-----	92184	8062	36244	169135	504592	1238545	15516	69482	2134362
MISSOURI-----	79667	6598	244167	353531	257963	424754	17435	26483	1410599
CORN BELT-----	611946	45547	400499	1135733	1138263	3035278	126007	346133	7033426
NORTH DAKOTA-----	4365	0	8969	14402	27735	46668	695	25763	126596
SOUTH DAKOTA-----	20488	248	1004	15378	78528	115930	838	52705	275120
NEBRASKA-----	65161	3675	18798	52732	486605	580365	9245	53371	1271952
KANSAS-----	52912	2240	1453	91229	419932	182457	11602	11624	773448
NORTHERN PLAINS-----	152926	6163	50225	175740	1014800	925419	22380	141463	2447116
VIRGINIA-----	135827	87137	48753	223938	10242	84551	83802	28725	702974
WEST VIRGINIA-----	1918	0	0	17508	384	766	1000	346	21922
NORTH CAROLINA-----	992201	604989	120217	217639	20544	361582	55461	51490	1904124
KENTUCKY-----	76410	49401	14212	163835	64411	91519	15225	13455	488465
TENNESSEE-----	194131	217134	6361	396921	119941	170619	82321	40026	1229454
APPALACHIAN-----	900487	956660	191543	1019841	215522	709038	217809	134040	4346939
SOUTH CAROLINA-----	49230	2387	0	8952	3972	18847	2955	122	86466
GEORGIA-----	840774	1607531	52428	277503	109396	427466	47320	45382	3407794
FLORIDA-----	321063	63639	277	767448	200910	21534	118874	93347	1587147
ALABAMA-----	243477	508441	22	83737	60445	135711	19636	22456	1074804
SOUTHEAST-----	1455444	2180283	52727	1133639	374723	603553	188785	1612R8	6156211
MISSISSIPPI-----	195716	445582	19	241118	74719	44587	35161	18004	1054907
ARKANSAS-----	360905	527185	88401	113270	117650	33903	13216	34912	1089443
LOUISIANA-----	68364	37136	147	249994	93881	23790	47273	913	579127
DELTA STATES-----	624985	859903	88567	634384	286250	102280	95649	62659	2724077
OKLAHOMA-----	127506	123	19806	158967	650724	138811	81821	78499	1256057
TEXAS-----	359458	60493	77227	724219	1625285	315085	243371	122379	3527518
SOUTHERN PLAINS-----	486764	60616	97033	885186	2276004	453897	325192	200878	4783575
MONTANA-----	9583	0	180	7328	46883	19438	594	9929	93935
IDAHO-----	7677	795	40	67086	210087	3029	547	14734	303995
WYOMING-----	675	0	0	900	11409	2100	1275	1350	17709
COLORADO-----	22106	31429	42518	26372	306793	25684	12118	5870	472891
NEW MEXICO-----	0	0	0	21403	152802	1675	2454	18048	196383
ARIZONA-----	66223	2458	0	6422	75089	16713	27026	14114	193045
UTAH-----	53760	534	97298	63102	21285	8324	14091	21591	279386
NEVADA-----	45796	5544	2639	90031	31043	22278	39965	52105	289399
MOUNTAIN-----	195820	40760	142675	282643	855391	99241	98069	137741	1452341
WASHINGTON-----	136014	66695	13510	474361	27137	25225	13100	15710	771752
OREGON-----	40866	30083	5613	125420	37347	14248	4648	8425	266650
CALIFORNIA-----	1775634	287428	250722	2308581	328271	64201	55546	159054	5229437
PACIFIC-----	1952514	384206	269845	2908362	392755	103674	73294	183190	6267839
47 STATES-----	8614893	5635185	1745319	11596298	6777991	6839408	1351978	1961228	44522301

APPENDIX TABLE I18.--COMPLETE FEED FROM PRIMARY MANUFACTURING: PRODUCTION OF ESTABLISHMENTS WITH FEED MANUFACTURING AS THE MAJOR SOURCE OF GROSS INCOME, BY TYPE OF FEED, BY STATE AND REGION, 1975

STATE AND REGION	STARTER- GROWER- LAYER- BREEDER	BROILER	TURKEY	DAIRY	BEEF AND SHEEP	HOG	MORSE	ALL OTHER	TOTAL
TONS									
MAINE-----									
NEW HAMPSHIRE-----	168452	300860	0	66213	0	4000	1333	0	540859
VERMONT-----	37937	487	1365	78050	23	3180	3665	1275	125982
MASSACHUSETTS-----	95837	1418	2019	60037*	140	20994	60498	45472	826753
CONNECTICUT-----	170205	35	16826	98219	3005	4982	8131	11221	312683
NEW YORK-----	228874	746	12147	1018501	1491	15647	20575	90876	1395257
NEW JERSEY-----	134567	0	1405	1485	1485	742	2970	140516	283250
PENNSYLVANIA-----	481661	327561	38181	501367	21455	97046	43449	108689	1589403
DELAWARE-----	260495	179212	2818	31279	24	25161	3362	2879	2/0780
MARYLAND-----	295871	257040	561	59896	4900	9282	27306	15796	670852
NORTHEAST-----									
RHODE ISLAND-----	1636110	1078006	76681	2504421	32523	181636	173523	419200	6102099
MAINE-----	37397	0	1107	73459	8644	22697	6760	13727	163791
NEW HAMPSHIRE-----	78014	6861	151063	170527	8003	64406	12821	37503	528998
VERMONT-----	70570	322	206814	219933	44431	192296	7346	60534	702675
LAKE STATES-----									
MINNESOTA-----	186362	7182	358984	363949	61078	279398	26927	111563	1395464
MISSOURI-----	113692	19201	27344	167551	18739	91734	38248	66813	543321
INDIANA-----	148761	9330	32649	108583	41922	192850	17289	126216	677702
ILLINOIS-----	102320	545	7919	59660	56184	370255	34547	31080	702490
LOUISIANA-----	40386	1657	18009	54640	100721	511270	2223	23834	764732
KANSAS-----	69413	6158	293475	343666	202655	299433	14957	18308	1198066
CORN BELT-----									
MISSOURI-----	474513	30891	329388	784200	420220	1465522	107285	266252	3886312
NORTH DAKOTA-----	2437	0	8369	13097	6651	40612	562	20811	92540
SOUTH DAKOTA-----	3791	248	109	9764	28264	57519	668	13848	114632
NEBRASKA-----	52255	2843	16250	23888	258513	287992	9109	23252	674084
KANSAS-----	34112	1455	1355	83409	259635	100524	9487	8176	498156
NORTHERN PLAINS-----									
MISSOURI-----	92576	4546	26084	130159	553083	487047	19826	66091	1379412
VIRGINIA-----	127888	87137	48649	206197	5846	49627	63802	23777	632923
WEST VIRGINIA-----	1918	0	9	17508	0	0	1000	0	20426
NORTH CAROLINA-----	458496	604989	105725	203375	15017	213397	35359	47131	1683888
KENTUCKY-----	74373	47716	4974	148872	48760	41356	15225	8844	389620
TENNESSEE-----	131154	184656	1203	380188	97554	106479	82294	33732	1017260
APPALACHIAN-----									
SOUTH CAROLINA-----	49230	2387	0	8952	3972	18207	5	122	85626
GEORGIA-----	785189	1600717	52169	268220	84533	352432	4	.6	45209
FLORIDA-----	312766	63694	0	575781	165424	17054	96	78	87816
ALABAMA-----	243875	508441	22	79657	50301	112039	19636	22436	1036406
SOUTHEAST-----									
MISSISSIPPI-----	189082	437062	19	223838	63620	35560	35161	18004	1003146
ARKANSAS-----	359191	288887	88158	113266	117091	32787	13216	34912	1047508
LOUISIANA-----	66126	87136	147	249593	93192	22399	47273	9143	577009
DELTA STATES-----									
MISSISSIPPI-----	616399	813884	88324	586697	273903	90747	95649	62059	2627662
OKLAHOMA-----	126661	123	19806	158120	637237	153143	81709	78499	1235297
TEXAS-----	316699	60479	59834	678970	1257406	239532	236156	101347	2950422
SOUTHERN PLAINS-----									
MISSISSIPPI-----	443359	60681	79640	837089	1894643	372675	317865	179846	4185718
MONTANA-----	9403	0	180	6338	33021	15460	576	9839	74817
IDAHO-----	7664	787	32	60894	159217	2662	531	14694	246281
WYOMING-----	0	0	0	0	5475	1800	375	1350	9000
COLORADO-----	13727	31149	42420	19884	152480	18883	8387	5870	292800
NEW MEXICO-----	0	0	0	20134	148994	1675	2454	18048	191306
ARIZONA-----	55812	2458	0	2263	39946	13226	27026	10997	151728
UTAH-----	53106	504	97298	58998	6077	7811	13957	18421	256172
NEVADA-----	45796	5544	2639	78901	29880	22278	39965	52105	277106
MOUNTAIN-----									
IDAHO-----	185308	40442	142569	247412	575090	83795	93270	131324	1499209
WASHINGTON-----	134959	65173	13461	473797	25820	23784	13100	15710	765805
OREGON-----	40518	30055	5556	121988	28312	13812	4594	7066	254561
CALIFORNIA-----	177298	252307	250251	2234665	317691	57163	51041	98115	5033731
PACIFIC-----									
47 STATES-----	1947976	547534	269269	2833410	371823	94759	68735	120891	6054398
	7767970	5490824	1583181	10176088	4653759	3966170	1281625	1626287	36545905

APPENDIX TABLE 119.--DISTRIBUTION: FORMULA FEED, BY ESTABLISHMENTS REPORTING SELECTED MAJOR SOURCE OF GROSS INCOME,  
UNITED STATES, 1975, 1/

MAJOR SOURCE OF GROSS INCOME	WHOLESALE		RETAIL		CUSTOM FEEDING		OWN LIVESTOCK		CUSTOM GRIND AND MIX		TOTAL	
	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS	ESTAB.	TONS
-NUMBER-												
FEED MANUFACTURING--	829.	22419056.	1392.	15388671.	116.	1469573.	358.	8372545.	786.	3864617.	1998.	51514462.
DAIRY PRODUCTION----	1.	140.	17.	64425.	8.	37552.	14.	68317.	19.	69377.	45.	239611.
CATTLE FEEDING-----	6.	2331.	33.	188489.	173.	7507345.	221.	6513943.	48.	165989.	346.	14378097.
HOG PRODUCTION-----	5.	10674.	57.	278079.	11.	4071.	79.	166794.	55.	154477.	139.	614095.
TURKEY PRODUCTION---	4.	142667.	3.	1661.	4.	1181.	35.	976450.	2.	629.	37.	1122587.
BROILER PRODUCTION--	8.	51384.	13.	175288.	2.	24459.	77.	7443528.	0.	0.	77.	7694659.
EGG PRODUCTION-----	3.	6951.	26.	224776.	8.	31449.	106.	1922233.	20.	208735.	119.	2394144.
U.S. TOTAL-----	1199.	25226546.	3778.	24697897.	454.	9541146.	1153.	26458168.	3646.	18606924.	6340.	104530681.

	PERCENT DISTRIBUTION (ROW)											
FEED MANUFACTURING--	41.5	43.5	69.7	29.9	5.8	2.9	17.9	16.3	39.4	7.5	100.0	100.0
DAIRY PRODUCTION----	3.1	0.1	36.8	26.9	17.0	15.7	30.3	28.5	41.7	28.9	100.0	100.0
CATTLE FEEDING-----	1.9	0.0	9.4	1.3	50.0	52.2	63.9	45.3	13.8	1.2	100.0	100.0
HOG PRODUCTION-----	3.8	1.7	41.1	45.3	8.1	0.7	56.6	27.2	39.7	25.2	100.0	100.0
TURKEY PRODUCTION---	10.4	12.7	9.3	0.1	10.6	0.1	96.3	87.0	6.2	0.1	100.0	100.0
BROILER PRODUCTION--	10.5	0.7	17.3	2.3	2.0	0.3	100.0	96.7	0.0	0.0	100.0	100.0
EGG PRODUCTION-----	2.2	0.3	21.5	9.4	6.8	1.3	88.6	80.3	16.7	8.7	100.0	100.0
U.S. TOTAL-----	18.9	24.1	59.6	23.6	7.2	9.1	18.2	25.3	57.5	17.8	100.0	100.0

1/ DATA APPLY ONLY TO ESTABLISHMENTS REPORTING MAJOR SOURCE OF INCOME AS WELL AS DISPOSITION DATA.

APPENDIX TABLE 120.--FORMULA FEED: PRODUCTION OF ESTABLISHMENTS WITH FEED MANUFACTURING AS THE MAJOR SOURCE OF GROSS INCOME,  
BY METHOD OF DISPOSITION, BY STATE AND REGION<sup>a</sup>, 1975

STATE AND REGION	WHOLESALE	RETAIL	CUSTOM FEEDING	FEEDING OWN ANIMALS	CUSTOM GRINDING AND MIXING	TOTAL
TONS						
MAINE-----	6667	71465	0	462727	0	540859
NEW HAMPSHIRE-----	85261	41667	0	0	0	126933
VERMONT-----	812185	22400	0	0	0	834585
MASSACHUSETTS-----	96310	216764	0	0	457	313530
CONNECTICUT-----	87362	720	0	0	0	88042
NEW YORK-----	686665	859976	7759	17121	192256	1763977
NEW JERSEY-----	267850	88367	0	183	183	356583
PENNSYLVANIA-----	815888	796299	13536	268726	244729	2139178
DELAWARE-----	43284	100977	0	135714	129	278104
MARYLAND-----	138295	119990	0	537390	17820	613495
NORTHEAST-----	3039970	2318625	21295	1419861	455574	7255325
MICHIGAN-----	287004	50713	0	712	90448	428878
WISCONSIN-----	435580	240895	9328	92278	634520	1412600
MINNESOTA-----	808462	267874	19433	120010	203364	1439143
LAKE STATES-----	1531046	579462	28760	213001	928332	3280622
OHIO-----	700689	167018	646	30923	144540	1063117
INDIANA-----	80631	355205	11305	42072	169262	1378474
ILLINOIS-----	1278242	335120	405	56959	158216	1828945
LOUISIANA-----	1734342	663918	27138	4061	401201	2850660
MISSOURI-----	969098	273193	65138	172589	59864	1539883
CORN BELT-----	5483002	1834454	104632	306605	933086	8661779
NORTH DAKOTA-----	92762	31934	0	0	13403	138100
SOUTH DAKOTA-----	243230	26510	2598	498	14015	287139
NEBRASKA-----	1097959	573062	2030	25252	71794	1570096
KANSAS-----	531389	215761	99202	11950	87748	946049
NORTHERN PLAINS-----	1965359	647575	103789	37699	186961	2941384
VIRGINIA-----	228666	440706	0	71237	35436	776045
WEST VIRGINIA-----	6680	33698	0	0	0	38378
NORTH CAROLINA-----	877052	166513	235	943020	257754	2264574
KENTUCKY-----	424263	51857	853	22422	32156	531952
TENNESSEE-----	908036	183727	246	162230	37341	1291581
APPALACHIAN-----	2442697	896501	1334	1198910	362688	4902129
SOUTH CAROLINA-----	6539	41682	0	48534	15317	112072
GEORGIA-----	1154291	582895	4386	1823350	98869	3663790
FLORIDA-----	521122	480736	73750	317770	265924	1659302
ALABAMA-----	557050	124686	0	622976	47312	1352025
SOUTHEAST-----	2239002	1229999	78136	2812631	427422	6787189
MISSISSIPPI-----	391842	86687	10530	584824	23638	1097521
ARKANSAS-----	412339	83766	52134	653476	21602	1223317
LOUISIANA-----	391466	62283	0	115396	15537	504683
DELTA STATES-----	1195647	232737	62664	1353697	60777	2905521
OKLAHOMA-----	951558	328155	72045	30530	21251	1403539
TEXAS-----	1838688	1704349	470945	1863535	276724	4477660
SOUTHERN PLAINS-----	2790246	7032504	542990	216883	297976	5880599
MONTANA-----	40500	45652	940	0	29506	116197
IDAMO-----	67624	263453	0	0	4022	335109
WYOMING-----	5558	18201	0	0	113	21872
COLORADO-----	228626	186740	108441	28487	740	552994
NEW MEXICO-----	37908	73786	55734	11769	3765	202983
ARIZONA-----	60722	91001	10800	35522	0	198045
UTAH-----	41601	280724	351	9225	83246	415148
NEVADA-----	0	285884	0	3516	0	289399
MOUNTAIN-----	400549	1265441	175867	86538	121352	2131746
WASHINGTON-----	168720	602990	0	0	3657	775368
OREGON-----	43915	257643	0	1421	1174	304154
CALIFORNIA-----	1038902	3490720	350107	723298	85618	5688646
PACIFIC-----	1261538	4351353	350107	724719	90450	6768167
47 STATES-----	22419056	15388671	1469573	8372545	3864617	51514462

APPENDIX TABLE 121.--ANNUAL RATED CAPACITY BY TYPE OF MILL AND MAJOR SOURCE OF GROSS INCOME, UNITED STATES, 1975 1/

MAJOR SOURCE OF GROSS INCOME	STATIONARY MILLS						MOBILE MILLS			TOTAL GRIND AND MIX		
	GRIND AND MIX		PELLETING		BLOCKING		GRIND AND MIX					
	ESTAB.	CAPACITY	ESTAB.	CAPACITY	ESTAB.	CAPACITY	ESTAB.	CAPACITY	ESTAB.	CAPACITY	ESTAB.	CAPACITY
	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS	NUMBER	TONS		
FEED MANUFACTURING--	1931.	55180203.	912.	21764017.	91.	666106.	91.	636861.	1985.	55817064.		
DAIRY PRODUCTION--	35.	346455.	0.	0.	0.	0.	10.	38414.	45.	384869.		
CATTLE FEEDING--	329.	13472528.	16.	151573.	2.	11232.	29.	1001801.	344.	14474329.		
HOG PRODUCTION--	126.	968927.	6.	16598.	2.	254.	17.	87181.	139.	1056108.		
TURKEY PRODUCTION--	37.	1687589.	12.	969546.	0.	0.	0.	0.	0.	1687589.		
BROILER PRODUCTION--	77.	4715194.	64.	3242242.	0.	0.	0.	0.	0.	4715194.		
EGG PRODUCTION--	119.	2757157.	5.	87257.	0.	0.	0.	0.	0.	2757157.		
U.S. TOTAL-----	6098.	125596196.	1365.	29829058.	131.	811500.	387.	4027430.	6321.	129623625.		
											PERCENT DISTRIBUTION (COLUMN)	
FEED MANUFACTURING--	31.7	43.9	66.8	73.0	69.4	82.1	23.5	15.8	31.4	43.1		
DAIRY PRODUCTION--	0.6	0.3	0.0	0.0	0.0	0.0	2.6	1.0	0.7	0.3		
CATTLE FEEDING--	5.4	10.7	1.2	0.5	1.4	1.4	7.5	24.9	5.4	11.2		
HOG PRODUCTION--	2.1	0.8	0.5	0.1	1.9	0.0	4.4	2.2	2.2	0.8		
TURKEY PRODUCTION--	0.6	1.3	0.9	3.3	0.0	0.0	0.0	0.0	0.6	1.3		
BROILER PRODUCTION--	1.3	3.8	4.7	10.9	0.0	0.0	0.0	0.0	1.2	3.6		
EGG PRODUCTION--	2.0	2.2	0.4	0.3	0.0	0.0	0.0	0.0	1.9	2.1		
U.S. TOTAL-----	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		

1/ DATA APPLY ONLY TO ESTABLISHMENTS REPORTING MAJOR SOURCE OF INCOME AS WELL AS CAPACITY DATA.

APPENDIX TABLE 122.--LABOR: PRODUCTION EMPLOYEES AND ALL EMPLOYEES, AVERAGE NUMBER PER ESTABLISHMENT AND OUTPUT PER EMPLOYEE, BY MAJOR SOURCE OF GROSS INCOME,  
UNITED STATES, 1975 1/

MAJOR SOURCE OF GROSS INCOME	PRODUCTION EMPLOYEES		ALL EMPLOYEES	
	AVERAGE PER ESTABLISHMENT	OUTPUT PER EMPLOYEE	AVERAGE PER ESTABLISHMENT	OUTPUT PER EMPLOYEE
	NUMBER	TONS	NUMBER	TONS
FEED MANUFACTURING--	11.5	2238.	17.0	1518.
DAIRY PRODUCTION----	3.6	1585.	5.7	933.
CATTLE FEEDING-----	6.1	6996.	9.4	4442.
HOG PRODUCTION-----	3.2	1432.	4.1	1091.
TURKEY PRODUCTION---	10.5	2911.	13.2	2318.
BROILER PRODUCTION--	16.1	6302.	23.4	4349.
EGG PRODUCTION-----	6.8	3013.	8.3	2426.
U.S. TOTAL-----:	7.5	2238.	11.0	1510.

1/ DATA APPLY ONLY TO ESTABLISHMENTS REPORTING BOTH EMPLOYMENT AND PRODUCTION DATA.

APPENDIX TABLE 123.--FEED GRAINS, PROTEINS, AND BYPRODUCT FEEDS: AVERAGE NUMBER OF WORKING DAYS INVENTORY HELD BY FORMULA FEED MANUFACTURERS, BY MAJOR SOURCE OF GROSS INCOME, BY REGION, 1975

MAJOR SOURCE OF GROSS INCOME	REGIONS										UNITED STATES
	LAKE NORTHWEST	CORN BELT	NORTHERN PLAINS	APPALA- CHIAN	SOUTHEAST	DELTA STATES	SOUTHERN PLAINS	MOUNTAIN	PACIFIC		
--- DAYS ---											
FEED MANUFACTURING:											
GRAINS	37	25	51	37	58	44	14	31	55	28	40
PROTEINS	16	17	14	12	12	12	19	20	26	17	16
BYPRODUCT FEEDS	25	24	19	27	16	16	13	22	28	16	21
PET FOOD:											
GRAINS	21	34	24	0	94	27	6	0	0	0	25
PROTEINS	12	10	12	0	36	7	3	0	0	0	11
BYPRODUCT FEEDS	18	3	11	0	38	18	0	0	0	0	14
GRAIN STORAGE:											
GRAINS	129	92	144	118	18	179	0	33	122	72	121
PROTEINS	39	20	16	41	39	14	0	29	23	30	26
BYPRODUCT FEEDS	39	33	22	68	78	18	0	32	26	50	38
GRAIN MERCHANDISING:											
GRAINS	95	63	101	83	132	57	56	72	80	63	90
PROTEINS	26	17	21	27	15	28	35	37	20	69	23
BYPRODUCT FEEDS	26	24	20	25	34	60	42	25	32	37	27
GRAIN PROCESSING:											
GRAINS	66	51	38	28	9	71	37	14	64	18	45
PROTEINS	17	14	14	15	21	14	41	34	19	14	15
BYPRODUCT FEEDS	41	19	31	34	18	81	36	0	37	13	29
OILSEED PROCESSING:											
GRAINS	140	0	142	0	78	0	0	23	618	0	109
PROTEINS	140	0	6	0	19	0	0	17	0	0	33
BYPRODUCT FEEDS	6	0	20	0	0	0	0	0	0	0	13
FARM SUPPLY:											
GRAINS	48	50	69	52	56	97	17	41	38	26	56
PROTEINS	28	18	15	19	27	25	17	20	25	21	20
BYPRODUCT FEEDS	32	28	23	23	30	119	41	48	28	22	29
HATCHERY:											
GRAINS	0	24	2	0	0	0	18	0	0	0	10
PROTEINS	0	8	5	0	0	0	38	0	0	0	10
BYPRODUCT FEEDS	0	34	21	0	0	0	38	0	0	0	27
MILK PRODUCTION:											
GRAINS	211	7	33	0	180	166	10	134	122	47	76
PROTEINS	58	11	33	0	10	55	10	13	67	47	28
BYPRODUCT FEEDS	70	7	0	0	10	0	0	12	34	0	31
CATTLE FEEDING:											
GRAINS	67	237	147	75	143	74	6	22	73	106	71
PROTEINS	47	12	23	22	62	12	6	10	38	87	32
BYPRODUCT FEEDS	43	38	37	50	78	24	6	8	36	24	73
HOG PRODUCTION:											
GRAINS	20	105	131	163	127	199	19	0	0	200	134
PROTEINS	0	10	16	14	14	13	0	0	0	80	15
BYPRODUCT FEEDS	0	0	32	34	33	33	17	0	0	0	39
TURKEY PRODUCTION:											
GRAINS	109	28	74	195	13	3	8	23	29	46	37
PROTEINS	11	8	11	20	5	10	9	24	29	46	15
BYPRODUCT FEEDS	8	24	74	0	13	0	6	13	14	43	17
BROILER PRODUCTION:											
GRAINS	159	0	45	6	14	9	5	7	0	68	25
PROTEINS	19	0	22	0	14	5	5	5	0	25	8
BYPRODUCT FEEDS	5	0	23	0	15	7	6	5	0	2	7
EGG PRODUCTION:											
GRAINS	52	5	23	35	15	28	12	194	0	18	36
PROTEINS	9	10	9	11	5	9	6	12	0	12	9
BYPRODUCT FEEDS	3	10	10	0	27	50	11	5	0	24	27
OTHER:											
GRAINS	71	42	69	66	23	199	27	91	86	141	64
PROTEINS	24	17	12	27	21	13	7	26	56	0	20
BYPRODUCT FEEDS	5	22	21	26	26	13	36	26	76	0	26
AVERAGE DAYS: <sup>1/</sup>											
GRAINS	48	46	80	73	62	66	14	39	68	48	62
PROTEINS	24	17	17	24	18	15	15	19	29	31	20
BYPRODUCT FEEDS	27	25	23	30	22	32	12	24	31	20	25

<sup>1/</sup> WEIGHTED BY NUMBER OF ESTABLISHMENTS REPORTING.

APPENDIX TABLE 124.—PREPARED PREMIXES AND MICROINGREDIENT DRUGS: AVERAGE NUMBER OF WORKING DAYS INVENTORY HELD BY FORMULA FEED MANUFACTURERS: BY MAJOR SOURCE OF GROSS INCOME, BY REGION, 1975

MAJOR SOURCE OF GROSS INCOME	REGIONS										UNITED STATES
	NORTHEAST	LAKE STATES	CORN BELT	NORTHERN PLAINS	APPALA- CHIAN	SOUTHEAST	DELTA STATES	SOUTHERN PLAINS	MOUNTAIN	PACIFIC	
DAYS											
FEED MANUFACTURING:											
PREMIXES	33	29	25	31	26	24	28	35	40	28	29
DRUGS	64	42	32	44	39	31	40	46	52	44	41
PET FOOD:											
PREMIXES	37	69	31	0	192	49	68	0	0	0	45
DRUGS	36	34	15	0	77	44	0	0	0	0	29
GRAIN STORAGE:											
PREMIXES	39	30	60	51	18	18	0	41	27	55	45
DRUGS	39	70	25	53	0	22	0	79	0	50	43
GRAIN MERCHANDISING:											
PREMIXES	32	24	29	33	60	32	66	30	25	48	30
DRUGS	53	34	34	44	29	34	66	39	42	54	37
GRAIN PROCESSING:											
PREMIXES	29	16	20	25	104	16	3	14	31	26	21
DRUGS	0	79	36	57	29	42	0	0	75	6	49
OILSEED PROCESSING:											
PREMIXES	30	0	14	0	26	0	0	40	618	0	72
DRUGS	30	0	30	0	39	0	0	0	0	0	27
FARM SUPPLY:											
PREMIXES	47	34	22	23	38	37	38	31	44	25	32
DRUGS	64	43	34	34	55	89	64	46	87	37	43
HATCHERY:											
PREMIXES	0	34	21	0	0	0	18	0	0	0	23
DRUGS	0	27	11	0	0	0	38	0	0	0	18
MILK PRODUCTION:											
PREMIXES	16	25	0	0	0	0	10	13	51	22	24
DRUGS	0	49	0	0	30	0	42	24	36	0	33
CATTLE FEEDING:											
PREMIXES	45	24	50	31	0	11	8	9	24	42	24
DRUGS	33	76	59	36	69	20	34	20	62	24	36
HOG PRODUCTION:											
PREMIXES	0	103	37	23	21	31	19	0	0	0	31
DRUGS	0	116	39	33	53	41	48	0	0	40	43
TURKEY PRODUCTION:											
PREMIXES	36	38	30	79	16	0	38	26	248	41	46
DRUGS	242	77	47	38	20	0	39	19	124	60	58
BROILER PRODUCTION:											
PREMIXES	29	0	37	0	24	24	27	22	0	33	24
DRUGS	37	0	93	0	30	27	36	29	0	55	34
EGG PRODUCTION:											
PREMIXES	16	15	34	28	24	29	16	19	0	38	23
DRUGS	23	29	23	114	71	32	42	14	0	17	33
OTHER:											
PREMIXES	10	28	31	28	61	33	115	18	82	0	36
DRUGS	15	58	37	95	43	125	0	41	175	0	56
AVERAGE DAYS: L/											
PREMIXES	37	29	27	32	32	25	28	28	40	32	30
DRUGS	59	44	33	45	45	38	39	40	59	38	41

1/ WEIGHTED BY NUMBER OF ESTABLISHMENTS REPORTING.

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