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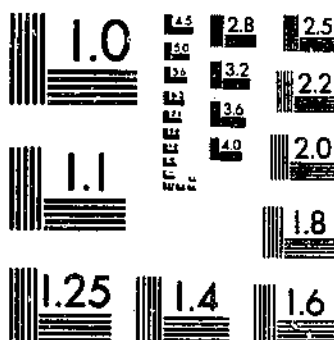
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FEDERALLY INSPECTED LIVESTOCK SLAUGHTER BY SIZE AND TYPE OF PLANT

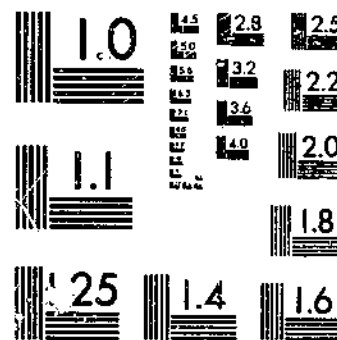
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# FEDERALLY INSPECTED LIVESTOCK SLAUGHTER BY SIZE AND TYPE OF PLANT

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#### ABSTRACT

This study provides information on the number of federally inspected livestock slaughter plants which handled cattle, calves, sheep, goats, and hogs in 1970, 1972, and 1973. Where sufficient data were available, cattle were divided into steers plus heifers and cows plus bulls. Data are presented for six regions and the total for the 48 contiguous States. Earlier years are included in the appendix to give a longer view of changes in plant numbers.

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## SUMMARY

The number of federally inspected livestock slaughter plants increased markedly after passage of the 1967 Wholesome Meat Act. Firms added were probably single plant firms because the average number of plants per firm declined in 1972 from the 1970 level.

The average number of animals slaughtered declined as the number of plants increased from 1970 to 1972, indicating that plants added were smaller. Plants specializing in particular kinds of livestock slaughter had larger annual average slaughter rates than nonspecialized plants.

The majority of plants operating under Federal inspection were small. In 1972 and 1973, only about 12 percent of the cattle plants slaughtered over 57,000 head per year--not considered a large plant by the industry.

Plants were divided into categories by the specific type of livestock slaughtered. Specialized cattle plants were most numerous (about 20 percent in 1972 and 1973, and 27 percent in 1970). In addition, 31 percent of the plants slaughtered only one type of livestock; the rest slaughtered at least two types of livestock in 1972 and 1973. In 1970, 41 percent of the plants slaughtered only one type. Plants slaughtering cattle and hogs were the second most numerous.

For cattle, calf, sheep, and hog plants, the largest number of plants did processing as well as slaughtering. Among large, specialized cattle plants, the largest number only slaughtered. Large, specialized hog plants were most numerous in the group that slaughtered and processed.

In 1973, specialized cattle plants utilized 80 percent of their capacity; specialized sheep plants, 38 percent; and specialized hog plants, 67 percent.

About 70 percent of slaughter livestock were obtained from direct sources by cattle, sheep, and hog plants. But, about 60 percent of the slaughter calves came from auctions.

# FEDERALLY INSPECTED LIVESTOCK SLAUGHTER BY SIZE AND TYPE OF PLANT

by

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## INTRODUCTION

This publication details the number and size of federally inspected livestock slaughter plants. Data were obtained from three U.S. Department of Agriculture agencies--Animal and Plant Health Inspection Service (APHIS), Statistical Reporting Service (SRS), and Packers and Stockyards Administration (P&SA). Since most data were only available for federally inspected plants, State-inspected plants were not included. P&SA provided information on the source of animals for firms slaughtering a minimum of 1,000 head of cattle or 2,000 head of all species.

Most livestock slaughter plants are federally inspected. Any plant shipping meat in interstate commerce and/or selling meat to government agencies is required by law to be federally inspected to insure wholesome meat supplies. In addition, those plants shipping meat intrastate, where the State does not have State inspection equal to Federal regulations, must be federally inspected. This latter group of plants was included in the Wholesome Meat Act of 1967; several States terminated State inspection rather than to create equivalent State inspection services.

As much detail as possible was provided which uniquely identified particular groups of similar plants while not identifying individual operations. Several types of data were available to accomplish this. These included head slaughtered per year by type, kill rate per hour (engineered capacity), source of livestock (direct, terminal, auction), and associated functions such as processing, boning, and rendering.

Since data were obtained from different sources, numbers of plants are not necessarily the same in all tables. The number of plants by size based on head slaughtered yielded a slightly different number than when capacity was tabulated. This was because of plants entering and leaving the industry. Also, when all data sources were combined, the number of plants was smaller for the same reason. In addition, tables based on P&SA data excluded the very small firms.

Data are presented for 6 regions and for the 48 contiguous States. The Northeast region includes Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, Pennsylvania, New Jersey, and Delaware. The Southeast region includes Maryland, West Virginia, Virginia, North Carolina, South Carolina, Kentucky, Tennessee, Georgia, Alabama, Mississippi, Arkansas, Florida, and Louisiana. The North Central region is composed of Ohio, Indiana, Michigan, Illinois, Wisconsin, Minnesota, Iowa, and Missouri. North Dakota, South Dakota, Nebraska, Kansas, Colorado, Wyoming, and Montana make up the Mountain and Plains region. The Southwest region includes Oklahoma,



Texas, New Mexico, and Arizona. Utah, Nevada, Idaho, Washington, Oregon, and California are included in the Pacific and Northwest region.

Most data sources used do not attempt to identify the firm but are oriented to the plant. The only exceptions were the P&SA data, but very small firms are not included. As a result, data sources needed to be combined. A new data source was created utilizing data collected from all the sources using a listing of livestock slaughtering establishments provided by APHIS as the primary source. This procedure resulted in exclusion of 117 plants in 1970, 454 in 1972, and 456 in 1973 that reported slaughtering some livestock. Therefore, the number of firms reported here is not a complete total but rather includes federally inspected firms slaughtering more than 1,000 head of cattle or 2,000 head of all animals.

#### FIRM AND PLANT NUMBERS

Firms slaughtering any or any combination of cattle, calves, sheep, and hogs increased from 1970 to 1972 but decreased in 1973 (table 1). The increase from 1970 to 1972 can be explained by the change in the plants required to be federally inspected. The 1973 decrease resulted from a combination of factors including but not necessarily limited to changes in livestock availability, management expertise, environmental controls, and cost efficiency in the plant. Available data did not allow a determination of the cause or causes for this decline in firm numbers.

Numbers of firms slaughtering some kind of animals increased in some regions. There were more firms slaughtering calves in 1973 than in 1972 in the North Central region. Firms slaughtering sheep increased in the Northeast, Southeast, and Pacific and Northwest regions. Both calf and sheep slaughter had been declining, thus more small firms slaughtered a few of these animals as a service to local farmers.

The number of firms by regions reflects location of their headquarters but not necessarily plant locations. For most firms, the plant and the headquarters were at the same place. However, for multi-plant firms, the headquarters can be in one region and the plants spread over several regions. Rather than to devise a more complicated system, this study used the headquarters as the firm's location.

In 1970, there were 1.35 plants per firm, but in 1972 and 1973 there were 1.17 plants per firm. This data demonstrates that firms added as a result of the Wholesome Meat Act tended to be single plant firms, thus reducing the average number of plants per firm. Similar results were observed when the average number of plants per firm were calculated for individual species.

#### More Plants Kill Cattle

Data on numbers of livestock slaughtered were used to tabulate the number of plants handling various kinds of livestock (table 2). There were more plants in which cattle were slaughtered than any other kind of livestock. Plants in which hogs are killed were the next most numerous.

Trade publications report new plant openings; these tend to be specialized in one type of animal. However, when data were sorted and tabulated on specialized slaughter, more plants tended to slaughter more than one type of livestock. For example, the total number of plants slaughtering cattle was 1,272 in 1973 of which 286 (22 percent) slaughtered cattle only while 986 slaughtered cattle plus other types of livestock. Forty-one percent of the plants slaughtered cattle only in the Southwest in 1973. The Northeast had the largest percentage of cattle combination plants.

The number of plants reflects the impact of the Wholesome Meat Act. There was a large jump in plant numbers from 1970 to 1972 and a decline in 1973. The increase came from the conversion of previously State-inspected plants to Federal inspection when States were required to provide State inspection equal to Federal regulations.

The cattle slaughter plants were further subcategorized into those slaughtering mostly steers and heifers and those handling mostly cows and bulls. Since a plant specializing in fed beef may buy a cull cow as a service to a farmer, 90 percent of the total cattle slaughter was used as a break for the "mostly" category. Thus, plants that had 90 percent or more of their cattle slaughter as steers and/or heifers were counted in the "mostly steer and heifer" category. The same procedure was used to tabulate the "mostly" cow and bull plants.

The Northeast and Southeast do not have large numbers of cattle on feed. As a result, there were a smaller number of plants specializing in steers and heifers in these regions. There were not very many plants slaughtering mostly cows and bulls. The North Central region had the largest number of cow and bull plants. Cow slaughter tends to be more seasonal than other types. The majority of plants slaughter other types of animals during the slack times or slaughter cows and bulls when available plus other animals.

Until recently, the number of calves slaughtered had been steadily declining. As a result, only eight plants specialized in calves in 1973. These plants were located in the Northeast and North Central regions. The Mountain and Plains and Southwest regions had the smallest number of plants slaughtering any calves.

The number of sheep and lambs has been declining. However, the number of plants slaughtering some sheep increased in total but specialized plants remained about steady between 1972 and 1973. The Northeast and Southwest had the largest numbers of specialized sheep and lamb slaughterers in 1973. However, the vast majority of plants slaughtering sheep were not specialized.

There were no specialized goat operations reported in the 3 years covered by the data. The Southeast had the smallest number of plants slaughtering goats.

The largest number of specialized hog plants was located in the North Central region, the area that had the largest number of hogs marketed. There are few hogs in the Pacific and Northwest region and the hog plants there tended to kill hogs as well as other animals. For the 48 States, many more plants were not specializing in hog slaughter than those that did.

## AVERAGE ANNUAL KILL

Average annual kill (see table 3) was calculated for the plants described in table 2. The averages are useful because they indicate central tendency where there are no extreme observations.

For cattle plants, the 48-State average number of head slaughtered declined in 1972, then increased slightly in 1973. This pattern was the reverse of plant numbers which were largest in 1972 but declining in 1973. This suggests that plants included because of the Wholesome Meat Act were smaller plants and also that some smaller plants left the industry in 1973. In the Mountain and Plains region, the average size plant increased in all years for plants slaughtering only cattle. The average number of cattle slaughtered in combination plants and specialized cattle plants declined each year in the Northeast, Southeast, and Pacific and Northwest regions.

Cattle plants were further divided into those slaughtering mostly steers and heifers and those handling mostly cows and bulls. Since some of the cow and bull plants probably also bone out the meat, one would expect these plants to be smaller than the steer and heifer plants. This tended to be the case except in the Northeast region in 1972, where plants specializing in cows and bulls were larger than those slaughtering steers and heifers.

In general, plants specializing in steers or heifers had a larger average kill than nonspecialized plants. In the Mountain and Plains and Pacific and Northwest regions, the average size of plant increased each year for the plants specializing in steers and heifers.

Plants specializing in cows and bulls had a larger average slaughter than those not specializing except in the Northeast in 1973. The average slaughter for specialized cow and bull plants increased each year in the Southeast, North Central, and Mountain and Plains regions.

For all 48 States, specialized calf operations had a larger average kill than nonspecialized plants. Only those regions with a large dairy industry relative to other cattle (the Northeast and North Central regions) had plants specializing in calves. The average numbers of calves slaughtered per plant declined during the early 1970's.

The average number of sheep slaughtered has been declining except in the Southwest. There were very few specialized sheep plants and these tended to be in the Southwest.

No plants specialized in goats. The largest average size plants slaughtering goats were located in the Southwest where goat numbers are concentrated. The average kill has been declining over time except in the North Central, Mountain and Plains, and Pacific and Northwest regions.

As expected, swine plants killing only hogs were larger on the average than those plants not specializing. Contrary to most other types of livestock, the average size of specialized hog plants in the Southeast increased with the inclusion of previously State-inspected plants in 1972.

## SLAUGHTER CAPACITY

To allow a comparison between the number of animals actually slaughtered and the annual capacity for 1972 of the plant, an average capacity was calculated (table 4). Plant capacity data was available in head per hour. To make it comparable to slaughter per year, it was assumed that the plants could operate 7.5 hours per day, 5 days per week, and 51 weeks per year for a total of 1,912.5 hours per year.

Plants reporting a kill rate for cattle only had a larger average capacity than those not specializing. Among specialized cattle slaughterers, the smallest average capacity was in the Northeast and the largest was in the Southwest. One would expect that the capacity of the plants would be larger than the numbers actually slaughtered because livestock numbers vary during the year, and because operations are affected by employee strikes, equipment repair, or vacations. Average capacity was larger than the average slaughter for most regions (compare tables 3 and 4). The exception occurred in the Mountain and Plains region where average capacity was less for specialized cattle plants than the average slaughter, indicating that plants in this region probably operated more than 1,912.5 hours per year during 1970-73.

As in the case of cattle plants, plants slaughtering calves exclusively tended to be larger than those not specializing. However, specialized calf plants were found only in the Northeast and North Central regions. Average capacity was larger in the North Central region for each type of plant operation than in any other region. The Mountain and Plains region had the smallest average capacity of all regions. Average calf slaughter capacity was much larger than the average number of calves slaughtered in each classification.

Plants slaughtering sheep exclusively tended to be located in the Southwest and Pacific and Northwest regions. Contrary to the situation among cattle and calf plants, the average capacity of plants slaughtering sheep exclusively was smaller than the average capacity for nonspecialized plants in the Southwest. As in the case of calves, average capacity was larger than average slaughter in all categories.

Plants having the largest average goat capacity were located in the Southwest. The Mountain and Plains region had the smallest average capacity of all regions. For goat plants, average capacity was considerably larger than average slaughter.

Plants slaughtering swine exclusively tended to have larger average capacities than plants handling swine plus other livestock. The exception was in the Southeast where the average capacity for combination plants was larger than plants slaughtering swine exclusively. The North Central region had the largest average capacity for specialized swine plants as well as nonspecialized plants. The Northeast had the smallest average hog capacity of all regions. In general, the average capacity for the swine plants was larger than the average slaughter. However, plants slaughtering swine exclusively had a larger average slaughter than average capacity in the Southeast.

## PLANT SIZES BY ANNUAL SLAUGHTER

The number of plants and average size of plant do not give information on the variety of plant sizes. Small plants still predominate in the slaughter industry. The skewed distribution of plant sizes makes it difficult to construct meaningful tables that provide detail without having an unusually large number of size categories. In order to overcome this problem, multiple size categories were used. Large class intervals were used initially to give detail for the larger firms. Then, the smallest large class interval was subdivided to show more detail for smaller firms.

Data on number of animals slaughtered are shown in terms of total slaughter per year. Capacity data are in head per hour. This was converted to an annual total by assuming the plants ran for the 1,912.5-hour-per-year rate. Size classes were arrived at by using the head per hour capacity and looking for groups of plants at various sizes. This procedure did not yield uniform size classes.

### Cattle Plants

Cattle slaughtering plants were divided into two categories to allow more detail for the large number of small plants. This first category used in table 5 has a class interval based on 30 head per hour. The first size class in table 5 includes plants slaughtering 30 head per hour or less, the second 30 to 60 head per hour, and so on, up to the largest size which is 180 head per hour and over. The second category, used in table 6, has a class size based on five head per hour to provide detail for the small firms. The first class size in table 5 includes plants slaughtering fewer than 5 head per hour; the second 5 to 10 head per hour; and so on, up to the largest class size which includes plants slaughtering over 30 head per hour. In addition, plants were further divided into those handling only cattle and those slaughtering cattle plus other livestock.

Tables 5 and 6 document the error of considering all federally inspected plants as being about the same size. In 1972 and 1973, only about 12 percent of the cattle plants slaughtered over 57,376 head per year. This corresponds to a minimum of 30 head per hour run at full capacity--not considered a large plant.

Larger plants were located in three regions: North Central, Mountain and Plains, and Southwest. These were also the principal areas of cattle feeding and were the areas in which new plants were built. The largest number of small plants was located in the Northeast.

Between 60 and 70 percent of the plants falling into the larger size categories slaughtered cattle exclusively while about 80 percent of the small sized plants were multispecie. Larger sized plants can utilize laborsaving technology, but this technology is specialized for particular animals.

To provide more information on their operation, cattle plants were categorized by those slaughtering mostly steers and heifers (table 7), those slaughtering steers and heifers plus other livestock, and by all plants slaughtering steers and heifers. Table 8 presents similar information for cows and bulls.

As expected from the analysis of the average size of plants, more of the steer and heifer plants fell into the large size group than did cow and bull plants. Since the number of plants was relatively small, the large class interval tabulation was not made since the nondisclosure policy would have been violated.

The Northeast and Southeast, not large cattle feeding areas, tended to have very few specialized steer and heifer plants. These regions did have several plants slaughtering steers and heifers in combination with other livestock. Combination plants tended to be smaller than specialized plants.

#### Calf Plants

Calf plants tended to be smaller than cattle plants. The largest number of plants tended to slaughter fewer than 1,912 head per year (table 9). Very few calf plants tended to specialize. The number of plants was so small that very little size information could be provided--even by regions--that would not disclose individual operations.

For all calf plants, larger ones were located in the Northeast, Southeast, and North Central regions. No other region had many plants slaughtering over 57,375 head per year.

#### Sheep Plants

Most sheep plants tended to be very small (table 10). Among those slaughtering sheep only, there were an equal number of larger plants and very small plants. The large plants slaughtering only sheep tended to be located in the Pacific and Northwest and Southwest regions.

#### Goat Plants

Goat plants tended to be the smallest of all plants (table 11). Most plants slaughter goats as accommodation to customers marketing other classes of livestock, thus size classes were reduced substantially from all the other kinds of livestock. The sizes were 1 to 4 head per year, 5 to 9 head per year, and over 10 head per year. The majority of plants fell in the smallest category.

#### Hog Plants

Hog plants had the largest variation in plant size for any species. For this reason, three size classes were used. The largest size classification used a class interval of 75 head per hour based on full capacity. Then, an intermediate size interval was used with a class interval of 25 to subclassify the smallest large-size interval. Finally, the smallest size class in the intermediate classification was reclassified using an interval of 5 head per hour.

The largest number of plants slaughtering only hogs were found in the North Central region (table 12). This major hog production region also had the greatest number of large plants.

There were slightly more large specialized hog plants than large plants that slaughter hogs plus other livestock. Among all plants reporting over 143,437 head, about half were specialized hog slaughter plants (table 13). The proportion of specialized to total is increasing over time.

As in the case for most of the other types of livestock considered, the smallest size category tended to have the largest number of firms (table 14). The exception occurred in the number of firms slaughtering only hogs. In this case, there were more large sized firms.

#### PLANT SIZES BY ANNUAL CAPACITY

Plants were further categorized by size in terms of annual capacity. Sizes used were the same as in the previous section for annual slaughter, and annual estimates were developed under the same set of assumptions.

Data were available for 1972 only. Plant numbers were broken down by region so that the tables are comparable with those in the previous section. Capacity data were not available for steers, heifers, cows, and bulls; therefore, tables on slaughter do not have a comparable table on capacity for these animals.

##### Cattle Plants

The largest number of cattle plants did not slaughter cattle exclusively (table 15). In general, specialized plants had a larger capacity than plants slaughtering cattle plus other animals. However, the North Central region had more of the largest sized plants that did not specialize in cattle than the same sized plants that did specialize. The largest sized plants were located in the North Central, Mountain and Plains, and Southwest regions. In the Mountain and Plains, and Southwest regions, there were more specialized cattle plants in the larger size categories.

There were a large number of small specialized plants (table 16). There were a relatively large number of specialized plants in the very smallest category. However, nonspecialized plants greatly outnumbered specialized plants in this size category. For the 48 States, the number of nonspecialized plants was generally larger except for the largest size category. For that category, the number of specialized plants was greater. The Northeast region had the largest number of plants and most of these were in the smallest size category. The Southwest region had the smallest number of plants and, of these plants, the largest number was in the largest size classes.

##### Calf Plants

There were so few specialized calf plants that the size and region breakdown could not be reported for most. Therefore, capacity figures were reported only for all plants slaughtering calves (table 17). The Northeast had the largest number of plants reporting calf capacity.

## Sheep Plants

The Southwest and Pacific and Northwest regions had the largest number of plants reporting capacity exclusively for sheep (table 18). Most plants reporting sheep capacity also report capacity for other livestock. The majority of these plants were very small, having a capacity to slaughter of only 1 head per hour or less. Of all plants reporting sheep capacity, only about 19 percent had a capacity of 30 head or more per hour. The Northeast region had the largest number of plants having sheep facilities. The Southeast had the smallest number.

## Goat Plants

Only a few plants reported goat capacity; these also slaughtered other livestock (table 19). The number of firms in the smallest size class was not much larger than those in the other size classes. However, all the size classes were small when compared with those for cattle.

The Southwest had the largest number of firms in the largest size class. Since goats are raised in this region, one would expect goat plants to be located there. The Northeast had the next largest number of plants with goat capacities falling in the largest size class, although the Northeast region is not a large goat producing region.

## Hog Plants

Since the capacity of hog plants varied from the very small to the very large (tables 20, 21, and 22), three sets of class intervals were used to categorize the plants. In terms of capacity, there were large numbers of small plants and fewer numbers of very large plants.

The largest capacity size had more specialized hog plants than nonspecialized plants. As sizes decline, the number of nonspecialized plants increased relative to specialized plants. The North Central region had the largest number of big plants while the Northeast had the most small ones. The Northeast had the largest number of plants while the Southwest and Pacific and Northwest regions had the fewest.

## CAPACITY UTILIZATION FOR SPECIALIZED PLANTS

To provide information on the amount of capacity utilized by the industry, the percentage of annual capacity utilized was calculated for the specialized plants. Plants were categorized by size in terms of capacity; then, their slaughter was divided by their capacity to determine the percent of capacity utilized.

Plants specializing in cattle utilized about 80 percent of their capacity for the 3 years considered (tables 23 and 24). The Mountain and Plains region had the largest percent of capacity utilized among the regions for all 3 years; the Southeast had the smallest. Also, smaller cattle plants tended to have a smaller percentage of their capacity utilized than larger plants.



Among specialized sheep plants, Southwest region plants had the highest percent of capacity utilization of around 70 percent (table 25). For all plants, the percent of utilization was less than 40 in 1972 and 1973 but near 70 for 1970. Plants specializing in hogs utilized about 70 percent of their capacity for these years (tables 26, 27, and 28). The Mountain and Plains region had the largest percent of capacity utilized among all these regions. The percentage of hog capacity utilized varied among size groupings and displayed no particular size trend.

#### SOURCES OF SLAUGHTER LIVESTOCK

As part of its regulatory activities, P&SA collects data on the source of slaughter livestock by the packing industry. These data were combined with that on federally inspected plants to provide information on the source of livestock for these plants. P&SA data were broken down into direct, terminal, and auction. Direct purchases include all animals not purchased at terminal stockyards or auction markets. Therefore, direct purchases include animals purchased directly from farmers as well as those purchased from dealers who have purchased the animals from farmers.

Data are presented in terms of percent of animals purchased from each source for all plants in that size and region. In addition, the range in percentages, calculated from the percent of livestock obtained from each source by each plant, is included to give an idea of the degree of variation between plants. Thus, the percent purchased from each source for all plants may not fall within the range of percentages for the individual plants. As in the earlier sections, data are presented for the various livestock types except goats.

##### Cattle

Among those plants slaughtering only cattle, the most important source varied by region (table 29). In the Northeast and Southeast, the largest percentage of slaughter animals came from auction markets. In the other four regions, slaughter plants obtained more cattle from direct sources. Terminal markets were also an important source for Northeast firms.

Smaller firms tended to procure more cattle from auctions or terminals rather than through direct sources. For the 48 States, auctions and terminals together were an important source for only the smallest size category. The larger size groups tended to purchase around 75 percent from direct sources.

Among plants slaughtering cattle and other livestock, direct purchases were the largest single source except in the Northeast. Northeast slaughter plants obtained about equal amounts from each of the three sources. In the Southeast, Mountain and Plains, Southwest, and Pacific and Northwest regions, plants tended to obtain their second highest percentage of livestock from auction markets. As in the plants slaughtering cattle only, the larger plants tended to purchase a higher percentage from direct sources.

Cattle plants falling in the smallest size category in table 29 were further broken down in table 30. Sources of cattle are the same as explained for table 29.

When plants slaughtering cattle were separated into those whose slaughter was 90 percent steers and heifers, the most important source of animals was direct for all regions combined (table 31). For the 48 States, mostly steer and heifer plants obtained a larger percent from direct sources than did plants slaughtering only cattle. In the Northeast, those plants slaughtering mostly steers and heifers purchased a larger percentage from terminal markets than did "cattle only" plants. In all the other regions, direct sources were the most important. In the North Central and Mountain and Plains regions, the second most important source of steers and heifers was terminal markets. In the remaining regions, auctions were the second most important source.

For plants slaughtering steers and heifers plus other livestock, direct sources had a slightly higher percentage than for cattle plus other livestock. These plants tended to purchase a slightly smaller percentage directly than did the mostly steer and heifer plants in each region. Otherwise, their purchase percentages were similar to the mostly steer and heifer plants.

Among plants whose slaughter was composed of 90 percent or more cows or bulls or both, the largest proportion of animals were purchased from auctions for each size group (table 32). Regionally, the percentage was not as clear cut. Only in the Northeast and Southeast were the percentages of cows and bulls obtained from auctions larger than percentages obtained from other sources. In the North Central region, a slightly larger percentage of these animals was obtained from terminal markets. In the Mountain and Plains and Southwest regions, about equal percentages of cows and bulls were obtained directly as were obtained from auction markets.

Among plants slaughtering cows and bulls plus other livestock, auction markets were still a much more important source than among plants slaughtering steers and heifers. For most sizes, the percent from auctions was 40 percent or over. Among plants slaughtering 57,376 head or more per year, direct purchases accounted for over 60 percent of their purchases, while only about 10 percent came from auctions. Auction markets provided the largest percentage of animals for these plants in the Northeast, Southeast, and Southwest. In the North Central and Mountain and Plains regions, plants obtained a larger percentage from direct sources.

### Calves

The number of plants specializing in calves was so small that the tabulation of calf sources was limited to all plants slaughtering calves. For all plants, the most important source was auction markets (table 33), accounting for about 60 percent. Direct sources accounted for about 30 percent; the remainder came from terminal markets.

The largest percentage of calves were obtained through auction markets in the Northeast, Southeast, and North Central regions. In the other regions, more were obtained through direct sources than any of the others. There were no consistent patterns among the size classes over the 2 years and the regions.

## Sheep

The number of specialized sheep slaughterers was so small that the only data on sources to be presented are for all plants slaughtering sheep. The largest percent of sheep (75 percent) was obtained from direct sources (table 34). All regions had higher percentages for direct sources than terminals or auctions except in the Southeast where there was no majority source for both years. In 1970, more sheep were obtained from terminal markets; but, in 1972, auctions were the dominate source for Southeast slaughterers.

## Hogs

Since little of the size data by regions could be presented without disclosing individual operations, data for hog sources are only given as totals for the regions and for the 48 States by sizes. About 70 percent of the hogs were obtained from direct sources for both specialized and nonspecialized plants (tables 35, 36, and 37). Smaller specialized plants tended to secure more of their hogs from terminal markets than did the larger plants. Smaller specialized plants (under 143,436 head per year) obtained hogs about equally among the three sources. Smaller, nonspecialized plants secured the bulk of their hogs from direct sources.

Plants slaughtering hogs in the Northeast, Southeast, and North Central regions secured the largest percentage of their animals from direct sources. Terminal markets were second for the Northeast and North Central regions while auction markets were second in importance in the Southeast. In the Mountain and Plains region, more were purchased directly in 1970, but auctions were more important in 1972. The Southwest and Pacific and Northwest regions did not have enough hog plants to detail without disclosing individual operations.

## SINGLE AND MULTIPLE SLAUGHTERING PLANTS

Earlier data have been presented on the numbers of plants slaughtering one type of livestock and numbers of plants slaughtering that type plus other types. In this section, data are presented on the number of plants slaughtering animals and the kind of animals. More plants slaughtered cattle only than any other single kind of livestock or combination (table 38). The second most numerous type were plants slaughtering cattle and hogs. Plants slaughtering only hogs were the third most numerous type in 1970, but dropped to fifth place in 1972, and back to fourth place in 1973. The next two most numerous types of plants were those that slaughtered cattle, calves, sheep, and hogs and the cattle, hogs, and sheep plants.

Three plants or less reported slaughtering five combinations of livestock. These included plants for cattle and goats; goats and hogs; cattle, calves, and goats; calves, sheep, and hogs; and sheep, goats, and hogs.

In the Northeast, the largest number of plants slaughtered cattle, calves, sheep, and hogs. Cattle and hog plants were most numerous in the Southeast. In the North Central region, cattle plants were most numerous in 2 out of the 3 years with cattle and hog plants most numerous in 1 year. There were

slightly more cattle plants in the Mountain and Plains and Southwest regions than other types. In the Pacific and Northwest region, cattle plants were most numerous in 1970 and 1973, but there were more cattle, calves, sheep, and hog plants in 1972.

#### OPERATIONS PERFORMED IN ADDITION TO SLAUGHTER

Information was included so that the plants could be identified that slaughtered and performed other related activities such as processing, boning, and rendering. Processing usually refers to performing such activities as curing cuts of meat and making meat products. Boning refers to removing meat from bones to sell boneless cuts. Edible rendering usually refers to cooking animal fat to make lard or grease for human consumption. Inedible rendering involves cooking meat, fat, and bones to make inedible grease for feed and soap plus meat scraps for animal feed. Data are presented for only large plants and small because a finer breakdown would have resulted in too many categories where data would have had to be withheld.

Among specialized cattle plants slaughtering fewer than 57,375 head per year (30 head per hour), the most numerous group processed as well (table 39). Those in the larger group had a greater number that slaughtered only. For nonspecialized cattle plants, the largest number of small plants also processed. The most numerous group of larger, nonspecialized cattle plants slaughtered, processed, boned, and rendered edible and inedible fat.

There were not enough plants specializing in calves to break down into their additional operations. The largest number of calf plants slaughtered and processed.

The largest number of plants specializing in sheep were those that slaughtered only. Among nonspecialized plants, the largest number of small plants slaughtered and processed; but, in larger plants, the plants slaughtered, processed, and boned.

Plants specializing in hogs had the largest number that slaughtered and processed for both large and small plants. The largest number of small, nonspecialized hog plants also slaughtered and processed. The most numerous large, nonspecialized hog plants slaughtered, processed, boned, and rendered edible and inedible fat.

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Table 1--Firms with federally inspected slaughter plants

Slaughter category and year	Region						United States
	Northeast	Southeast	North Central	Mountain and Plains	Southwest	Pacific and Northwest	
	Number of firms						
Cattle:							
1970	65	69	104	81	63	99	481
1972	122	98	267	151	69	151	858
1973	119	97	224	109	69	147	765
Calves:							
1970	64	31	39	11	10	60	215
1972	113	41	56	20	11	82	323
1973	110	26	64	17	10	80	307
Sheep:							
1970	49	21	27	26	37	51	211
1972	81	28	93	76	37	95	410
1973	91	31	91	60	31	97	401
Hogs:							
1970	30	71	65	55	55	42	318
1972	88	106	213	118	59	91	675
1973	86	103	179	79	50	86	583
Total:							
1970	79	90	139	84	76	101	569
1972	139	127	308	156	87	154	971
1973	135	126	265	115	84	150	875

Table 2--Number of federally inspected slaughter plants

Kind of plant and year	Region						United States
	Northeast	Southeast	North Central	Mountain and Plains	Southwest	Pacific and Northwest	
<u>Number of plants</u>							
All cattle exclusively:							
1970	8	14	73	62	27	37	221
1972	72	15	98	67	34	34	320
1973	52	20	85	53	38	38	286
All cattle and other livestock:							
1970	65	84	67	75	72	87	450
1972	349	114	220	162	59	134	1,038
1973	391	106	180	102	54	153	986
Total all cattle:							
1970	73	98	140	137	99	124	671
1972	421	129	318	229	93	168	1,358
1973	443	126	265	155	92	191	1,272
Mostly steers and heifers: 1/							
1970	*	*	33	36	11	24	107
1972	23	4	49	43	17	24	160
1973	16	5	43	33	19	23	139
Steer and heif- ers and other livestock:							
1970	*	*	107	101	87	100	557
1972	383	121	268	185	76	143	1,176
1973	418	116	220	122	71	168	1,115
Total steers and heifers:							
1970	67	98	140	137	98	124	664
1972	406	125	317	228	93	167	1,336
1973	434	121	263	155	90	191	1,254
Mostly cows and bulls: 2/							
1970	*	6	11	8	10	*	40
1972	15	7	18	*	7	*	55
1973	8	6	13	*	10	*	42
Cows and bulls and other livestock:							
1970	*	89	124	120	86	*	607
1972	375	119	269	*	79	*	1,203
1973	418	119	237	*	79	*	1,182

See footnotes at end of table.

Continued

Table 2--Number of federally inspected slaughter plants --Continued

Kind of plant and year	Region						United States
	Northeast	Southeast	North Central	Mountain and Plains	Southwest	Pacific and Northwest	
	Number of plants						
Total cows and bulls:							
1970	73	95	135	128	96	120	647
1972	390	126	287	207	86	162	1,258
1973	426	125	250	151	89	183	1,224
Calves exclusively:							
1970	*		*				4
1972	3		3				6
1973	*		*				8
Calves and other livestock:							
1970	*	41	*	13	11	69	244
1972	269	49	52	21	11	85	487
1973	*	34	*	19	11	99	523
Total calves:							
1970	69	41	45	13	11	69	248
1972	272	49	55	21	11	85	493
1973	304	34	64	19	11	99	531
Sheep exclusively:							
1970	*	*	*	*	3	3	10
1972	4	*	*	*	6	4	16
1973	3	*	*	*	7	*	15
Sheep and other livestock:							
1970	*	*	*	*	47	60	248
1972	217	*	*	*	35	99	567
1973	280	*	*	*	28	*	633
Total sheep:							
1970	51	25	32	37	50	63	258
1972	221	35	95	88	41	103	583
1973	283	39	95	69	35	127	648
Goats exclusively:							
1970							
1972							
1973							
Goats and other livestock:							
1970	18	6	6	5	24	16	75
1972	48	6	33	8	19	27	141
1973	77	8	43	11	17	57	213

See footnotes at end of table.

Continued

Table 2--Number of federally inspected slaughter plants--Continued

Kind of plant and year	Region						United States
	Northeast	Southeast	North Central	Mountain and Plains	Southwest	Pacific and Northwest	
	Number of plants						
Total goats:							
1970	18	6	6	5	24	16	75
1972	48	6	33	8	19	27	141
1973	77	8	43	11	17	57	213
Swine exclusively:							
1970	8	22	54	9	*	*	100
1972	15	38	63	14	*	*	142
1973	25	36	62	13	*	*	147
Swine and oth- er livestock:							
1970	25	72	53	70	*	*	338
1972	282	103	201	151	*	*	889
1973	329	95	166	89	*	*	844
Total swine:							
1970	33	94	107	79	74	51	438
1972	297	141	264	165	65	99	1,031
1973	354	131	228	102	55	121	991

\*Deleted to avoid disclosure of individual operations.

1/ 90 percent or more of the cattle killed are steers and heifers.

2/ 90 percent of the cattle slaughtered are cows and bulls.

Table 3--Average annual slaughter of federally inspected plants

Kind of plant and year	Region							United States
	Northeast	Southeast	North Central	Mountain and Plains	Southwest	Pacific and Northwest		
	Number of head							
Cattle exclusively:								
1970	33,093.4	28,143.5	81,121.4	113,501.6	76,597.7	52,331.0	79,737.9	
1972	1,104.0	37,144.3	67,696.7	123,704.1	87,935.9	59,671.1	64,305.4	
1973	4,770.4	30,906.5	72,753.0	137,455.3	73,045.4	56,412.0	67,324.1	
Cattle and other livestock:								
1970	15,017.4	19,215.0	68,088.1	26,950.3	25,992.1	24,439.6	29,269.0	
1972	3,055.2	11,312.0	17,367.7	13,077.1	22,329.4	15,493.4	11,260.9	
1973	2,310.5	11,078.2	18,341.2	24,304.4	29,034.4	11,857.7	11,399.8	
Total cattle:								
1970	16,998.3	20,490.5	74,884.1	66,119.5	39,793.7	32,762.0	45,891.4	
1972	2,721.5	14,315.8	32,877.9	45,444.0	46,314.6	24,434.1	23,760.3	
1973	2,599.2	14,225.6	35,794.1	62,994.7	47,212.8	20,721.9	23,974.0	
Mostly steers or heifers:								
1970	*	*	111,929.2	166,768.1	118,755.6	55,772.5	116,200.9	
1972	1,410.6	42,410.2	93,380.2	166,065.2	132,867.1	60,716.8	97,715.4	
1973	5,454.2	40,197.4	93,121.4	188,397.3	106,238.3	62,329.4	100,443.8	
Steers or heifers and other livestock:								
1970	*	*	45,647.6	21,632.3	18,857.8	20,451.9	22,401.7	
1972	1,309.9	7,014.3	14,364.7	12,698.1	15,627.9	13,364.4	9,054.5	
1973	998.5	6,333.6	15,713.8	21,046.5	18,924.4	10,403.3	9,209.1	
Total steers or heifers:								
1970	10,431.7	11,379.2	61,271.1	59,770.2	30,070.8	27,288.2	37,516.9	
1972	1,315.6	8,146.9	26,578.4	41,622.6	37,058.8	20,169.5	19,672.6	
1973	1,162.8	7,732.9	28,369.8	56,676.1	37,357.3	16,656.1	19,322.1	
Calves exclusively:								
1970	*		*				52,215.0	
1972	97.3		64,483.3				32,290.3	
1973	*		*				13,712.7	
Calves and other livestock:								
1970	*	12,699.5	*	561.0	2,189.6	2,786.3	11,537.8	
1972	4,659.0	8,428.2	8,050.2	205.8	475.5	1,559.4	4,572.8	
1973	*	7,553.7	*	158.5	316.8	854.6	3,246.3	

See footnotes at end of table.

Continued

Table 3--Average annual slaughter of federally inspected plants--Continued

Kind of plant and Year	Region						United States
	Northeast	Southeast	North Central	Mountain and Plains	Southwest	Pacific and Northwest	
Number of head							
Total calves:							
1970	20,120.6	12,699.5	19,809.7	561.0	2,189.6	2,786.3	12,193.8
1972	4,608.7	8,428.2	11,128.4	205.8	475.5	1,559.4	4,910.1
1973	3,335.0	7,553.7	6,964.7	158.5	316.8	854.6	3,404.0
Mostly cows and bulls:							
1970	*	23,084.0	33,818.9	33,400.7	30,763.6	*	28,813.7
1972	2,898.6	27,759.4	43,957.5	*	37,387.1	*	29,375.1
1973	396.7	31,164.7	62,217.0	*	36,107.8	*	40,721.2
Cows and bulls: and other livestock:							
1970	*	8,476.4	12,369.4	5,022.1	7,965.1	*	7,791.4
1972	1,515.1	5,328.1	4,604.4	*	7,583.3	*	3,631.2
1973	1,539.8	5,628.1	5,128.0	*	7,852.4	*	3,853.5
Total cows and bulls:							
1970	7,424.0	9,399.0	14,117.1	6,795.7	10,339.9	5,656.3	9,091.1
1972	1,568.3	6,574.3	7,072.5	4,428.6	10,009.2	4,547.0	4,756.7
1973	1,518.4	6,853.9	8,096.6	6,486.0	11,027.2	4,243.5	5,118.5
Sheep exclusively:							
1970	*	*	*	*	3,179.0	362,809.0	163,989.7
1972	46,009.5	*	*	*	81,387.3	236,328.2	114,944.9
1973	34.0	*	*	*	83,062.7	*	90,678.6
Sheep and other livestock:							
1970	*	*	*	*	29,825.8	26,386.9	33,748.0
1972	2,778.5	*	*	*	31,431.3	15,920.2	14,225.7
1973	2,323.5	*	*	*	33,347.2	*	12,438.5
Total sheep:							
1970	16,813.2	8,520.1	63,626.0	76,213.9	28,227.0	42,407.0	38,796.2
1972	3,560.9	9,700.8	15,317.0	36,519.0	38,741.9	24,479.7	16,989.9
1973	2,299.3	9,176.8	14,064.0	44,480.2	43,290.3	18,148.0	14,249.6
Goats exclusively:							
1970							
1972							
1973							

See footnotes at end of table.

Continued

Table 3--Average annual slaughter of federally inspected plants--Continued

Kind of plant and year	Region							United States
	Northeast	Southeast	North Central	Mountain and Plains	Southwest	Pacific and Northwest		
	Number of head							
Goats and other livestock:								
1970	107.6	144.8	10.8	2.6	17,386.0	80.2	5,619.1	
1972	55.6	46.5	8.1	8.0	7,423.6	64.8	1,036.0	
1973	45.5	15.8	16.6	80.6	4,503.4	86.5	407.1	
Total goats:								
1970	107.6	144.8	10.8	2.6	17,386.0	80.2	5,619.1	
1972	55.6	46.5	8.1	8.0	7,423.6	64.8	1,036.0	
1973	45.5	15.8	16.6	80.6	4,503.4	86.5	407.1	
Hogs exclusively:								
1970	476,257.5	72,238.0	477,678.2	289,847.5	*	*	355,990.9	
1972	250,400.4	157,756.5	446,208.0	138,855.5	*	*	293,611.7	
1973	154,297.7	149,528.8	463,049.2	247,084.5	*	*	286,446.3	
Hogs and other livestock:								
1970	35,190.4	147,661.3	417,056.2	79,431.6	*	*	125,997.8	
1972	4,414.2	64,894.2	96,746.0	42,953.5	*	*	41,694.1	
1973	1,538.4	65,646.7	93,007.1	52,663.0	*	*	35,730.3	
Total hogs:								
1970	142,115.7	130,009.1	447,650.5	103,403.0	36,627.0	48,977.7	178,507.6	
1972	16,837.8	89,920.9	180,140.3	51,090.7	41,603.4	24,121.5	76,390.7	
1973	12,326.4	88,698.2	193,632.5	77,442.2	39,981.2	16,815.9	72,920.2	

\*Deleted to avoid disclosure of individual operations.

1/ 90 percent or more of the cattle killed are steers and heifers.

2/ 90 percent of the cattle slaughtered are cows and bulls.

Table 4--Average annual slaughter capacities of federally inspected plants, 1972

Kind of plant	Region						United States
	Northeast	Southeast	North Central	Mountain and Plains	Southwest	Pacific and Northwest	
	<u>Number of head</u>						
Cattle exclusively	10,375.3	38,176.4	73,370.2	106,477.1	124,312.3	86,790.9	71,222.7
Cattle and other livestock	7,532.6	33,273.7	44,927.5	23,302.0	52,550.8	28,411.9	26,502.3
Total cattle	8,140.6	34,225.0	55,679.1	53,356.9	76,708.1	42,503.4	39,386.7
Calves exclusively	87,975.0		229,500.0				123,356.2
Calves and other livestock	31,200.2	61,362.6	151,794.1	19,934.1	46,901.8	65,767.3	53,735.9
Total calves	32,799.5	61,362.6	155,031.8	19,934.1	46,901.8	65,767.3	55,052.6
Sheep exclusively		*	*		114,750.0	566,951.0	284,803.5
Sheep and other livestock	25,183.1	*	*	*	178,499.7	49,932.5	69,823.7
Total sheep	25,183.1	38,176.4	189,118.7	103,563.2	167,874.8	81,586.7	78,620.9
Goats exclusively				*			*
Goats and other livestock	33,696.4	19,944.6	22,185.0	1,912.5	228,133.8	20,081.2	72,079.2
Total goats	33,696.4	19,944.6	22,185.0	3,187.5	228,133.8	20,081.2	71,009.2
Swine exclusively	355,724.7	143,437.4	603,337.7	353,812.3	*	*	401,718.8
Swine and other livestock	19,196.8	160,250.4	227,973.5	62,775.5	*	*	100,113.9
Total swine	48,207.8	159,940.9	341,570.6	85,453.6	119,385.1	63,839.7	151,165.1

\*Data withheld to avoid disclosure of individual operations.



Table 5--Federally inspected plants slaughtering cattle, by size of annual slaughter

Kind of plant, region, and year	Annual slaughter size class								Total
	1- 57,375	57,376- 114,750	114,751- 172,125	172,126- 229,500	229,501- 286,875	286,876- 344,250	344,251 +		
EXCLUSIVELY CATTLE:	Number of plants								
Northeast:									
1970	8*							8	
1972	72							72	
1973	52*							52	
Southeast:									
1970	11	3						14	
1972	11	4						15	
1973	16	4						20	
North Central:									
1970	37	19	5	5	7*			73	
1972	63	18	5	3	6*		3	98	
1973	51	19	4	6*		5*		85	
Mountain and Plains:									
1970	27	16	5	5		9*		62	
1972	28	24*		5*		10*		67	
1973	18	16	7	3*		9*		53	
Southwest:									
1970	15	8	4*					27	
1972	18	7	5*					34	
1973	24	10*			4*			38	
Pacific and Northwest:									
1970	21	16*						37	
1972	17	17*						34	
1973	20	14	4					38	
United States: 1/									
1970	118	61	13	11	5	5	8	221	
1972	209	62	17	6	7	8	11	320	
1973	179	63	16	4	8	8	8	286	
CATTLE PLUS OTHER LIVE- STOCK:									
Northeast:									
1970	61	4*						65	
1972	344	5*						349	
1973	391*							391	
Southeast:									
1970	79	5						84	
1972	109	5*						114	
1973	103	3						106	
North Central:									
1970	41	12	5	5	4*			67	
1972	199	10	3	3	5*			220	
1973	165	6	4	5*				180	
Mountain and Plains:									
1970	62	9*		4*				75	
1972	130	7	5*					162	
1973	89	7	3*		3*			102	

See footnotes at end of table.

Continued

Table 5--Federally inspected plants slaughtering cattle, by size of annual slaughter--Continued

Kind of plant, region, and year	Annual slaughter size class							Total
	1- 57,375	57,376- 114,750	114,751- 172,125	172,126- 229,500	229,501- 286,875	286,876- 344,250	344,251- +	
CATTLE PLUS OTHER LIVE- STOCK: CONTINUED	Number of plants							
Southwest:								
1970	62	7	3*					72
1972	52	7						59
1973	47	3	4*					54
Pacific and Northwest:								
1970	79	8*						87
1972	125	9*						134
1973	147	6*						153
United States: 1/								
1970	384	39	12	9	6*			450
1972	979	39	8	5	7*			1,038
1973	941	24	12*		9*			986
TOTAL CATTLE PLANTS								
Northeast:								
1970	68	5*						73
1972	416	5*						421
1973	440	3*						443
Southeast:								
1970	90	8						98
1972	120	9*						129
1973	119	7						126
North Central:								
1970	78	31	10	10	5	3	3	140
1972	262	28	8	6	7	4	3	318
1973	216	25	8	3	6	4	3	265
Mountain and Plains:								
1970	89	23	7	8*		4	6	137
1972	178	25	8	3	4	3	8	229
1973	107	23	11*		4	3	7	155
Southwest:								
1970	77	15	3	4*				99
1972	70	14	5*		4*			93
1973	71	11	5*		5*			92
Pacific and Northwest:								
1970	100	21	3*					124
1972	142	23	3*					168
1973	167	19	5*					191
United States: 1/								
1970	502	100	25	20	7	7	10	671
1972	1,188	101	25	11	12	9	12	1,358
1973	1,120	87	26	6	13	9	11	1,272

\* Plants from larger size groups are included to avoid disclosure of individual operations.

1/U.S. totals may not equal the sum of the regions because of including plants from larger sizes to avoid disclosure of individual operations.

Table 6--Federally inspected plants slaughtering cattle, with added detail for small plants, by size of annual slaughter

Kind of plant, region, and year	Annual slaughter size class							Total
	1-9,562	9,563-19,125	19,126-28,687	28,688-38,250	38,251-47,812	47,813-57,375	57,376 +	
<b>EXCLUSIVELY CATTLE:</b>								
								<u>Number of plants</u>
<b>Northeast:</b>								
1970	4*		4*					8
1972	69	3*						72
1973	49*					3*		52
<b>Southeast:</b>								
1970	6*		5*				3	14
1972	5*		3*		3*		4	15
1973	5	4	4*		3*		4	20
<b>North Central:</b>								
1970	10	9	9	3	6*		36	73
1972	36	8	12*		7*		35	98
1973	23	8	12*		8*		34	85
<b>Mountain and Plains:</b>								
1970	10*		13*		4*		35	62
1972	16	4*		5	3*		39	67
1973	7*		7*		4*		35	53
<b>Southwest:</b>								
1970	6*		5*		4		12	27
1972	3	6	5*		4*		16	34
1973	6	5	5*		8*		14	38
<b>Pacific and Northwest:</b>								
1970	5	3	6*		3	4	16	37
1972	4	6*		4*		3	17	34
1973	6*		6	4	4*		18	38
<b>United States: 1/</b>								
1970	31	22	27	14	16	8	103	221
1972	131	22	16	18	13	9	111	320
1973	92	20	22	17	13	15	107	286
<b>CATTLE PLUS OTHER LIVESTOCK:</b>								
<b>Northeast:</b>								
1970	41	10	9*			5*		65
1972	326	9	5	4*			5	349
1973	369	15*		7*				391
<b>Southeast:</b>								
1970	49*		23*		7*		5	84
1972	91*		15*		3*		5	114
1973	76	9	13*		5*		3	106
<b>North Central:</b>								
1970	16	14	5	3	3*		24	67
1972	174	12	7*		6*		21	220
1973	143	8	8*		6*		15	180
<b>Mountain and Plains:</b>								
1970	58*		4*				13	75
1972	141	5*		4*			12	162
1973	80*		4*		5*		13	102

See footnotes at end of table.

Continued

Table 6--Federally inspected plants slaughtering cattle, with added detail for small plants, by size of annual slaughter--Continued

Kind of plant, region, and year	Annual slaughter size class							Total
	1-9,562	9,563-19,125	19,126-28,687	28,688-38,250	38,251-47,812	47,813-57,375	57,376+	
CATTLE PLUS OTHER LIVESTOCK: CONTINUED	Number of plants							
Southwest:								
1970	44*		12*		6*		10	72
1972	27	9	12*		4*		7	59
1973	29	4	9*		5*		7	54
Pacific and Northwest:								
1970	35	15	20*		6	3	8	87
1972	85	24*		11*		5	9	134
1973	123*		9	3	12*		6	153
United States: 1/								
1970	221	61	42	33	18	9	66	450
1972	831	64	32	27	11	14	59	1,038
1973	804	50	33	20	21	13	45	986
TOTAL CATTLE PLANTS:								
Northeast:								
1970	45	10	10*		3*		5	73
1972	395	10	6	5*			5	421
1973	417	15*		8*			3	443
Southeast:								
1970	42	13	16	11	8*		8	98
1972	81	15	8	10	6*		9	129
1973	81	13	7	10	3	5	7	126
North Central:								
1970	26	23	14	6	6	3	62	140
1972	210	20	12	7	8	5	56	318
1973	166	16	13	7	6	8	49	265
Mountain and Plains:								
1970	60	8	9	7	5*		48	137
1972	157	5	4	9*		3	51	229
1973	81	6	6	5	5	4	48	155
Southwest:								
1970	39	11	9	8	10*		22	99
1972	30	15	9	8		5	23	93
1973	35	9	14*		7	6	21	92
Pacific and Northwest:								
1970	40	18	13	13	9	7	24	124
1972	89	21	9	8	7	8	26	168
1973	116	13	15	7	12	4	24	191
United States: 1/								
1970	252	83	69	47	34	17	169	671
1972	962	86	48	45	24	23	170	1,358
1973	896	70	55	37	34	28	152	1,272

\* Plants from larger size groups are included to avoid disclosure of individual operations.

1/U.S. totals may not equal the sum of the regions because of including plants from larger sizes to avoid disclosure of individual operations.

Table 7--Steers and heifers: Number of federally-inspected slaughter plants, by size of annual slaughter

Kind of plant, region, and year	Annual slaughter size class								Total
	1- 9,562	9,563 19,125	19,126- 28,687	28,688- 38,250	38,251- 47,812	47,813- 57,375	57,376- +		
<b>MOSTLY STEERS AND HEIFERS: 1/</b>	<u>Number of plants</u>								
<b>Northeast:</b>									
1970								**	
1972	23*							23	
1973	16*							16	
<b>Southeast:</b>									
1970								**	
1972	4*							4	
1973	5*							5	
<b>North Central:</b>									
1970	3*		6*		3*		21	33	
1972	15	3	6*		4*		21	49	
1973	15*		3		3*		22	43	
<b>Mountain and Plains:</b>									
1970	4*			3*			29	36	
1972	8*			5*			30	43	
1973	3*			5*			25	33	
<b>Southwest:</b>									
1970	4*						7	11	
1972	5*						12	17	
1973	3*		3*		3*		10	19	
<b>Pacific and Northwest:</b>									
1970	4*		4*		5*		11	24	
1972	5*		3*			3	13	24	
1973	8*				3*		12	23	
<b>United States: 2/</b>									
1970	7	6	8	6	7	5	68	107	
1972	48	7	8	7	6	6	78	160	
1973	32	5	11	6	5	9	71	139	
<b>STEERS AND HEIFERS AND OTHER LIVESTOCK:</b>									
<b>Northeast:</b>									
1970								**	
1972	336*				5*			341	
1973	383	4*						387	
<b>Southeast:</b>									
1970								**	
1972	89	9	9*		4*			111	
1973	92*		5*		5*			102	
<b>North Central:</b>									
1970	35*		6*		4*		22	67	
1972	181	10	5*		5*		19	220	
1973	152*		8*		5*		13	178	
<b>Mountain and Plains:</b>									
1970	63*						12	75	
1972	147*		4*				10	161	
1973	84*		6*				12	102	

See footnotes at end of table.

Continued

Table 7--Steers and heifers: Number of federally inspected slaughter plants, by size of annual slaughter  
--Continue--

Kind of plant, region, and year	Annual slaughter size class								Total
	1- 9,562	9,563- 19,125	19,126- 28,687	28,688- 38,250	38,251- 47,812	47,813- 57,375	57,376- +		
STEERS AND HEIFERS AND OTHER LIVESTOCK: CONTINUED									
	Number of plants								
Southwest:									
1970	52*		7*		5*		8		72
1972	41*		8*		4*		6		59
1973	39*		5		5*		4		53
Pacific and Northwest:									
1970	58*		18*		5*		6		87
1972	111*		7	5*		5	6		134
1973	132*		9*		8*		4		153
United States: 2/									
1970	272	51	28	19	15	4	55		444
1972	884	39	26	7	10	15	45		1,026
1973	850	33	21	12	13	10	36		975
TOTAL STEERS AND HEIFERS:									
Northeast:									
1970	51	3*			3*		4		61
1972	359*				5*				364
1973	399*			4*					403
Southeast:									
1970	53	12	11	3	3		3		85
1972	90	9	7	5*			4		115
1973	83	10	4	3	3*		4		107
North Central:									
1970	22	16	6	6	7*		43		100
1972	196	13	7	4	3	6	40		269
1973	158	9	7	4	4	4	35		221
Mountain and Plains:									
1970	59	7*		4*			41		111
1972	151	3	3	3		4	40		204
1973	82	4	4	4*		4	37		135
Southwest:									
1970	47	6	6	3	6*		15		83
1972	36	7	9*		6*		18		76
1973	39	3	8*		3	5	14		72
Pacific and Northwest:									
1970	47	15	12	10	6	4	17		111
1972	102	14	10*		5	8	19		158
1973	123	11	9	6	7	4	16		176
United States: 2/									
1970	279	57	36	25	22	9	123		551
1972	932	46	34	14	16	21	123		1,186
1973	882	38	32	18	18	19	107		1,114

\* Firms from larger size groups included to avoid disclosure of individual operations.

\*\* Data withheld to avoid disclosure of individual operations.

1/ 90 percent or more of the cattle killed are steers and heifers.

2/ U.S. totals do not reflect shifting firms to smaller sizes to avoid disclosure of individual operations.

Table 8--Cows and bulls: Number of federally inspected slaughter plants, by size of annual slaughter

Kind of Plant, region, and year	Annual slaughter size class								Total
	1- 9,562	9,563 19,125	19,126- 28,687	28,688- 38,250	38,251- 47,812	47,813- 57,375	57,376- +		
<u>Number of plants</u>									
<u>MOSTLY COWS AND BULLS: 1/</u>									
Northeast:									
1970									**
1972	15*								15
1973	8								8
Southeast:									
1970	3*		4*						6
1972	4*			3*					7
1973	3*			3*					6
North Central:									
1970	7*				4*				11
1972	5	4*		3*			6		18
1973	4*			4*			5		13
Mountain and Plains:									
1970	5*			3*					8
1972									**
1973									**
Southwest:									
1970	3	3*		4*					10
1972	3*			4*					7
1973	4*		3*			3*			10
Pacific and Northwest:									
1970									**
1972									**
1973									**
United States: 2/									
1970	11	8	8	3	4*		6		40
1972	23	6	5	6	4		11		55
1973	12	4	5	4	5*		12		42
<u>COWS AND BULLS PLUS OTHER LIVESTOCK:</u>									
Northeast:									
1970									**
1972	371*			4*					375
1973	397	14	3	4*					418
Southeast:									
1970	77*		12*						89
1972	113*			6*					119
1973	107*		7*		5*				119
North Central:									
1970	96	11*		5*		12*			124
1972	243	10	7*		3*		6		269
1973	221*		6*		4*		6		237
Mountain and Plains:									
1970	110*		7*		3*				120
1972									**
1973									**

See footnotes at end of table.

Continued

Table 8--Cows and bulls: Number of federally inspected slaughter plants, by size of annual slaughter--Continued

Kind of plant, region, and year	Annual slaughter size class								Total
	1- 9,562	9,563- 19,125	19,126- 28,687	28,688- 38,250	38,251- 47,812	47,813- 57,375	57,376- +		
COWS AND BULLS PLUS OTHER LIVESTOCK: CONTINUED									
	Number of plants								
Southwest:									
1970	73*		8*		5			86	
1972	66*		10*		3*			79	
1973	67*		4		8*			79	
Pacific and Northwest:									
1970								**	
1972								**	
1973								**	
United States: 2/									
1970	477	58	26	17	14	5	10	607	
1972	1,080	51	33	18	9	3	9	1,203	
1973	1,066	45	29	12	13	7	10	1,182	
TOTAL COWS AND BULLS:									
Northeast:									
1970	55	8	10*					73	
1972	369	11	6	4*				390	
1973	405	14	3	4*				426	
Southeast:									
1970	69	11	10*		5*			95	
1972	105	5	7	4	5*			126	
1973	103	6	9*		4	3*		125	
North Central:									
1970	98	12	4	6*		3	12	135	
1972	248	13	6	4	4*		12	287	
1973	216	7	7	3	3	3	11	250	
Mountain and Plains:									
1970	101	11	7	4	5*			128	
1972	184	6	7	3	3		4	207	
1973	128	7	6	5*			5	151	
Southwest:									
1970	67	11	4	6	8*			96	
1972	62	6	7	6	5*			86	
1973	66	5	6*		9*		3	89	
Pacific and Northwest:									
1970	98	13	3	3	3*			120	
1972	135	16	5	6*				162	
1973	160	10	6	4	3*			183	
United States: 2/									
1970	488	66	34	20	16	7	16	647	
1972	1,103	57	38	24	13	3	20	1,228	
1973	1,078	49	34	16	16	9	22	1,224	

\*Plants from larger sizes are included to avoid disclosure of individual operation.

\*\*Data withheld to avoid disclosure of individual operations.

1/90 percent or more of the cattle killed are cows and bulls.

2/U.S. totals do not reflect combining plants from larger sizes to avoid disclosure of individual operations.



Table 9--Calves: Number of federally inspected slaughter plants, by size of annual slaughter

Kind of plant, region, and year	Annual slaughter size class			
	1- 1,912	1,913- 57,374	57,375+	Total
EXCLUSIVELY CALVES:	<u>Number of plants</u>			
Northeast:				
1970				**
1972	3			3
1973				**
Southeast:				
1970				
1972				
1973				
North Central:				
1970				**
1972		3*		3
1973				**
Mountain and Plains:				
1970				
1972				
1973				
Southwest:				
1970				
1972				
1973				
Pacific and Northwest:				
1970				
1972				
1973				
United States: 1/				
1970		4*		4
1972	3	3*		6
1973	8*			8
CALVES AND OTHER LIVESTOCK:				
Northeast:				
1970				**
1972	227	36	6	269
1973				**
Southeast:				
1970	29	8	4	41
1972	37	9	3	49
1973	26	8*		34

See footnotes at end of table.

Continued

Table 9--Calves: Number of federally inspected slaughter plants, by size of annual slaughter--Continued

Kind of plant, region, and year	Annual slaughter size class			
	1-1,912	1,913-57,374	57,375+	Total
CALVES AND OTHER LIVESTOCK: CONTINUED:	Number of plants			
North Central:				
1970				**
1972	42	10*		52
1973				**
Mountain and Plains:				
1970	13*			13
1972	21*			21
1973	19*			19
Southwest:				
1970	8	3		11
1972	11*			11
1973	11			11
Pacific and Northwest:				
1970	50	19		69
1972	65	20		85
1973	83	16		99
United States: 1/				
1970	157	75	12	244
1972	401	75	11	487
1973	447	70	6	523
TOTAL CALVES:				
Northeast:				
1970	32	32	5	69
1972	230	36	6	272
1973	260	41	3	304
Southeast:				
1970	29	8	4	41
1972	37	9	3	49
1973	26	8*		34
North Central:				
1970	26	14	5	45
1972	42	10	3	55
1973	55	6	3	64

See footnotes at end of table.

Continued

Table 9--Calves: Number of federally inspected slaughter plants, by size of annual slaughter--Continued

Kind of plant, region, and year	Annual slaughter size class			
	1- 1,912	1,913- 57,374	57,375+	Total
TOTAL CALVES: CON- TINUED		<u>Number of plants</u>		
Mountain and Plains:				
1970	13*			13
1972	21*			21
1973	19*			19
Southwest:				
1970	8	3		11
1972	11*			11
1973	11			11
Pacific and Northwest:				
1970	50	19		69
1972	65	20		85
1973	83	16		99
United States: 1/				
1970	157	77	14	248
1972	404	77	12	493
1973	453	71	7	531

\* Plants from larger size groups are included to avoid disclosure of individual operations.

\*\* Data withheld to avoid disclosure of individual operations.

1/ U.S. totals may not equal the sum of the regions since larger sized plants may be included to avoid disclosure of individual operations.

Table 10--Sheep: Number of federally inspected slaughter plants, by size of annual slaughter

Kind of plant, region, and year	Annual slaughter size class			Total
	1- 1,912	1,913- 57,374	57,375 +	
EXCLUSIVELY SHEEP:	Number of plants			
Northeast:				
1970:				**
1972	4*			4
1973	3			3
Southeast:				
1970				**
1972				**
1973				**
North Central:				
1970				**
1972				**
1973				**
Mountain and Plains:				
1970				**
1972				
1973				
Southwest:				
1970	3*			3
1972	3	3*		6
1973	7*			7
Pacific and Northwest:				
1970			3	3
1972			4	4
1973				**
United States: 1/				
1970	5*		5	10
1972	6	3	7	16
1973	6	4	5	15
SHEEP AND OTHER LIVESTOCK:				
Northeast:				
1970				**
1972	201	16*		217
1973	260	20*		280
Southeast:				
1970				**
1972				**
1973				**
North Central:				
1970				**
1972				**
1973				**

See footnotes at end of table.

Continued

Table 10--Sheep: Number of federally-inspected slaughter plants, by size of annual slaughter--Continued

Kind of plant, region, and year	Annual slaughter size class				Total
	1-	1,913-	57,375	+	
SHEEP AND OTHER LIVESTOCK: CONTINUED	1,912	57,374		+	
	Number of plants				
Mountain and Plains:					
1970					**
1972	82		6		88
1973	63		6		69
Southwest:					
1970	43*		4		47
1972	25	10*			35
1973	22	6*			28
Pacific and Northwest:					
1970	43	10	7		60
1972	84	9	6		99
1973					**
United States: 1/					
1970	189	30	29		248
1972	507	36	24		567
1973	573	35	25		633
TOTAL SHEEP:					
Northeast:					
1970	44	7*			51
1972	204	14	3		221
1973	263	20*			283
Southeast:					
1970	22	3*			25
1972	31	4*			35
1973	35	4*			39
North Central:					
1970	19	4	9		32
1972	84	5	6		95
1973	84	5	6		95
Mountain and Plains:					
1970	29*		8		37
1972	82		6		88
1973	63		6		69

See footnote at end of table.

Continued

Table 10--Sheep: Number of federally inspected slaughter plants, by size of annual slaughter--Continued

Kind of plant, region, and year	Annual slaughter size class			
	1-	1,913-	57,375	Total
	1,912	57,374	+	
TOTAL SHEEP: CONTINUED		Number of plants		
Southwest:				
1970	37	9	4	50
1972	28	9	4	41
1973	24	6	5	35
Pacific and Northwest:				
1970	43	10	10	63
1972	84	9	10	103
1973	110	7	10	127
United States: 1/				
1970	193	31	34	258
1972	513	39	31	583
1973	579	39	30	648

\*Plants from larger size groups are included to avoid disclosure of individual operations.

\*\*Data withheld to avoid disclosure of individual operations.

1/U.S. totals may not equal the sum of the regions since larger sized plants may be included to avoid disclosure of individual operations.

Table 11--Goats: Number of federally inspected slaughter plants by size of annual slaughter

Region and year	Annual slaughter size class			
	1-4	5-9	10+	Total
	<u>Number of plants</u>			
Northeast:				
1970	6*		12	18
1972	26	5	17	48
1973	47	4	26	77
Southeast:				
1970	6*			6
1972	3		3	6
1973	3	5*		8
North Central:				
1970	3	3*		6
1972	27	6*		33
1973	28	10	5	43
Mountain and Plains:				
1970	5*			5
1972	5	3*		8
1973	7*		4	11
Southwest:				
1970	6	5	13	24
1972	5	3	11	19
1973	8*		9	17
Pacific and Northwest:				
1970	11	5*		16
1972	13	5	9	27
1973	33	11	13	57
United States: <u>1/</u>				
1970	34	11	30	75
1972	79	19	43	141
1973	123	31	59	213

\* Plants from larger size groups are included to avoid disclosure of individual operations.

1/U.S. totals may not equal the sum of the regions since larger sized plants may be included to avoid disclosure of individual operations.

Table 12--Hogs: Number of federally inspected slaughter plants, by size of annual slaughter

Kind of plant, region, and year	Annual slaughter size class							Total
	1- 143,436	143,437- 286,874	286,875- 430,312	430,313- 573,749	573,750- 717,187	717,188- 860,624	860,625- +	
<u>Number of plants</u>								
EXCLUSIVELY HOG PLANTS:								
Northeast:								
1970	5*					3*		8
1972	12*				3*			15
1973	18	3	4*					25
Southeast:								
1970	18	4*						22
1972	26	6*		3*			3	38
1973	25	4	3		4*			36
North Central:								
1970	21	5	6*		10*		12	54
1972	28*		10*		14*		11	63
1973	20	8	5	6	11*		12	62
Mountain and Plains:								
1970	5*		4*					9
1972	10	4*						14
1973	6	4*		3*				13
Southwest:								
1970								**
1972								**
1973								**
Pacific and Northwest:								
1970								**
1972								**
1973								**
United States: 1/								
1970	51	9	8	4	3	9	16	100
1972	82	9	10	7	8	9	17	142
1973	77	20	11	7	7	11	14	147
HOGS PLUS OTHER LIVESTOCK PLANTS:								
Northeast:								
1970	25*							25
1972	279	3*						282
1973	329							329
Southeast:								
1970	47	9	7	5	4*			72
1972	86	12*		5*				103
1973	79	9	3	4*				95
North Central:								
1970	28	3	7*		4*		11	53
1972	183*		5*		4*		9	201
1973	147	3	3	3	3*		7	166
Mountain and Plains:								
1970	66*					4*		70
1972	144*			7*				151
1973	83		3*			3*		89

See footnotes at end of table.

Continued



Table 12--Hogs: Number of federally inspected slaughter plants, by size of annual slaughter--Continued

Kind of plant, region, and year	Annual slaughter size class								Total
	1- 143,436	143,437- 286,874	286,875- 430,312	430,313- 573,749	573,750- 717,187	717,188- 860,624	860,625- +		
HOGS PLUS OTHER LIVESTOCK PLANTS: CONTINUED									
Southwest:									
1970									**
1972									**
1973									**
Pacific and Northwest:									
1970									**
1972									**
1973									**
United States: 1/									
1970	272	19	14	9	6	4	14	338	
1972	827	25	9	9	4	4	11	889	
1973	796	17	7	9	5*		10	844	
TOTAL HOG PLANTS:									
Northeast:									
1970	27*		3			3*		33	
1972	290	4*			3*			297	
1973	347	4*			3*			354	
Southeast:									
1970	65	12	7	5	5*			94	
1972	112	14	4	8*			3	141	
1973	104	13	6	3	5*			131	
North Central:									
1970	49	8	9	4	5	9	23	107	
1972	202	9	9	6	8	10	20	264	
1973	167	11	8	9	7	7	19	228	
Mountain and Plains:									
1970	67	3*		4		5*		79	
1972	152	4*		4		5*		165	
1973	89	5*		3		5*		102	
Southwest:									
1970	71*		3*					74	
1972	58	4	3*					65	
1973	49	6*						55	
Pacific and Northwest:									
1970	47	4*						51	
1972	96*		3*					99	
1973	117	4*						121	
United States: 1/									
1970	323	28	22	13	9	13	30	438	
1972	909	34	19	16	12	13	28	1,031	
1973	873	37	18	16	10	13	24	991	

\*Plants from larger size groups are included to avoid disclosure of individual operations.

\*\*Data withheld to avoid disclosure of individual operations.

1/ U.S. totals may not equal the sum of the regions since larger sized plants may be included to avoid disclosure of individual operations.

Table 13--Hogs: Number of federally inspected slaughter plants, with added detail for medium size plants, by size of annual slaughter

Kind of plant, region, and year	Annual slaughter size class					Total
	1- 47,812	47,813- 95,624	95,625- 143,436	143,437- +		
EXCLUSIVELY HOG PLANTS:						
	Number of plants					
Northeast:						
1970		8*			8	
1972	11*			4	15	
1973	18*			7	25	
Southeast:						
1970	18*			4	22	
1972	26*			12	38	
1973	25*			11	36	
North Central:						
1970	16	5*		33	54	
1972	23	3		37	63	
1973	16	4*		42	62	
Mountain and Plains:						
1970	4*			5	9	
1972	10			4	14	
1973	6*			7	13	
Southwest:						
1970					**	
1972					**	
1973					**	
Pacific and Northwest:						
1970					**	
1972					**	
1973					**	
United States: 1/						
1970	41	5	5	49	100	
1972	76	6*		60	142	
1973	67	7	3	70	147	
HOGS PLUS OTHER LIVESTOCK:						
Northeast:						
1970	22*		3*		25	
1972	279*			3	282	
1973	329*				329	
Southeast:						
1970	43*		4	25	72	
1972	86*			17	103	
1973	79*			16	95	
North Central:						
1970	22	6*		25	53	
1972	171	5*		25	201	
1973	141	6*		19	166	

See footnotes at end of table.

Continued

Table 13--Hogs: Number of federally inspected slaughter plants, with added detail for medium size plants, by size of annual slaughter--Continued.

Kind of plant, region, and year	Annual slaughter size class				
	1-47,812	47,813-95,624	95,625-143,436	143,437-+	Total
<b>HOGS AND OTHER LIVESTOCK: CONTINUED</b>					
	Number of plants				
Mountain and Plains:					
1970	63			7	70
1972	138	4		9	151
1973	83*			6	89
Southwest:					
1970					**
1972					**
1973					**
Pacific and Northwest:					
1970					**
1972					**
1973					**
United States: 1/					
1970	242	18	12	66	338
1972	801	21	5	62	889
1973	775	13	8	48	844
<b>TOTAL HOG PLANTS:</b>					
Northeast:					
1970	23*		3	7	33
1972	287	3*		7	297
1973	344*		3	7	354
Southeast:					
1970	53	8	4	29	94
1972	102	10*		29	141
1973	95	9*		27	131
North Central:					
1970	38	6	5	58	107
1972	194	8*		62	264
1973	157	5	5	61	228
Mountain and Plains:					
1970	67*			12	79
1972	148	4		13	165
1973	86	3		13	102
Southwest:					
1970	62	4	3	5	74
1972	53	5*		7	65
1973	45	4*		6	55
Pacific and Northwest:					
1970	43	4*		4	51
1972	95*			4	99
1973	117*			4	121
United States: 1/					
1970	283	23	17	115	438
1972	877	26	6	122	1,031
1973	842	20	11	118	991

\* Plants from larger size groups are included to avoid disclosure of individual operations.

\*\* Data withheld to avoid disclosure of individual operations.

1/ U.S. totals may not equal the sum of the regions since larger sized plants may be included to avoid disclosure of individual operations.

Table 14--Hogs: Number of federally inspected slaughter plants, with added detail for small plants, by size of annual slaughter

Kind of plant, region, and year	Annual slaughter size class						Total
	1- 9,562	9,563- 19,124	19,125- 28,689	28,690- 38,249	38,250- 47,812	47,813- +	
<b>EXCLUSIVELY HOG PLANTS:</b>							
	<u>Number of plants</u>						
<b>Northeast:</b>							
1970						8	8
1972	7		3*			5	15
1973	16*				9*		25
<b>Southeast:</b>							
1970	11	6*				5	22
1972	19	3*		3*		13	38
1973	17	4*		3*		12	36
<b>North Central:</b>							
1970	8*		4	4*		38	54
1972	9	5	5	4*		40	63
1973	5	6*		5*		46	62
<b>Mountain and Plains:</b>							
1970	3*					6	9
1972	10*					4	14
1973	4*					9	13
<b>Southwest:</b>							
1970							**
1972							**
1973							**
<b>Pacific and Northwest:</b>							
1970							**
1972							**
1973							**
<b>United States: 1/</b>							
1970	20	10	8*		3	59	100
1972	50	9	8	6	3	66	142
1973	43	10	5	6	3	80	147
<b>HOGS AND OTHER LIVESTOCK:</b>							
<b>Northeast:</b>							
1970	21*					4	25
1972	269	5	3			5	282
1973	319	6			4*		329
<b>Southeast:</b>							
1970	26	6*		4*		36	72
1972	60	13*		4		26	103
1973	64*		7*			24	95
<b>North Central:</b>							
1970	16*			6*		31	53
1972	164	3		4		30	201
1973	132	9*				25	166

See footnotes at end of table.

Continued

Table 14--Hogs: Number of federally inspected slaughter plants, with added detail for small plants, by size of annual slaughter--Continued

Kind of plant, region, and year	Annual slaughter size class							Total
	1-9,562	9,563-19,124	19,125-28,689	28,690-38,249	38,250-47,812	47,813-+		
<b>HOGS AND OTHER LIVESTOCK:</b>								
<b>CONTINUED</b>								
<b>Mountain And Plains:</b>								
1970	57*			5*		7		70
1972	134		4*			13		151
1973	76	3*		3*		7		89
<b>Southwest:</b>								
1970								**
1972								**
1973								**
<b>Pacific and Northwest:</b>								
1970								**
1972								**
1973								**
<b>United States: 1/</b>								
1970	202	15	7	9	9	96		338
1972	750	22	17	12*		88		889
1973	727	24	13	5	6	69		844
<b>TOTAL HOG PLANTS:</b>								
<b>Northeast:</b>								
1970	21*					12		33
1972	276	5	6*			10		297
1973	334	6	3*			11		354
<b>Southeast:</b>								
1970	37	9	3	4*		41		94
1972	79	8	8	7*		39		141
1973	75	8	7	5*		36		131
<b>North Central:</b>								
1970	19	5	4	5	5	69		107
1972	173	8	5	8*		70		264
1973	137	8	7	5*		71		228
<b>Mountain and Plains:</b>								
1970	58	3*		5*		13		79
1972	144*		4*			17		165
1973	79	4*		3*		16		102
<b>Southwest:</b>								
1970	52	7*		3*		12		74
1972	43	6	4*			12		65
1973	35	7	3*			10		55
<b>Pacific and Northwest:</b>								
1970	39*		4			8		51
1972	86	3	4*			6		99
1973	110	3*		3*		5		121
<b>United States: 1/</b>								
1970	222	25	13	11	12	155		438
1972	800	31	25	17	4	154		1,031
1973	770	34	18	11	9	149		991

\*Plants from larger size groups are included to avoid disclosure of individual operations.

\*\*Data withheld to avoid disclosure of individual operations.

1/U.S. totals may not equal the sum of the regions since larger sized plants may be included to avoid disclosure of individual operations.

Table 15--Federally inspected plants slaughtering cattle, by annual slaughter capacity, 1972

Kind of plant and region	Annual capacity							Total
	1-57,375	57,376-114,750	114,751-172,125	172,126-229,500	229,501-286,875	286,876-344,250	344,251-+	
Exclusively cattle:	<u>Number of plants</u>							
Northeast	77	3*						80
Southeast	22	4*						26
North Central	71	22	8*		5*		4	110
Mountain and Plains	42	23	3	5	4	9*		86
Southwest	13	12*		5	4*			34
Pacific and Northwest	11	25	6*					42
United States 1/	236	84	17	14	7	7	13	378
Cattle and other livestock:								
Northeast	291	3*						294
Southeast	87	21*						108
North Central	147	17	4*		7*		6	181
Mountain and Plains	140	4	3	5*				152
Southwest	44	20*				3		67
Pacific and Northwest	114	14	4*					132
United States 1/	823	74	11	5	9	5	7	934
Total cattle:								
Northeast	368	6*						374
Southeast	109	25*						134
North Central	218	39	8	4	6	6	10	291
Mountain and Plains	182	27	6	7	8*		8	238
Southwest	57	28	3	7*		6*		101
Pacific and Northwest	125	39	10*					174
United States 1/	1,059	158	28	19	16	12	20	1,312

\* Plants from larger size groups are included to avoid disclosure of individual operations.

1/U.S. totals do not reflect shifting plants into small size categories and therefore will not equal the sum of the regional data.

Table 16--Federally inspected plants slaughtering cattle, with added detail for small plants, by annual slaughter capacity, 1972

Kind of plant and region	Annual capacity							Total
	1- 9,562	9,563- 19,125	19,126- 28,687	28,688- 38,250	38,251- 47,812	47,813- 57,375	57,376- +	
Exclusively cattle:	Number of plants							
Northeast	65	7*		5*			3	80
Southeast	7	5	5*			5	4	26
North Central	25	18	4	17*		7	39	110
Mountain and Plains	23	4		8		7	44	86
Southwest		8*				4	21	34
Pacific and Northwest	4*			7			31	42
United States <u>1/</u>	121	34	11	41	4	25	142	378
Cattle and other:								
Northeast	236	28	6	14	7*		3	294
Southeast	45	8	3	19*		12	21	108
North Central	111	14	3	9*		10	34	181
Mountain and Plains	108	21*		5		6	12	152
Southwest	20	14*		7*		3	23	67
Pacific and Northwest	56	18	3	27*		10	18	132
United States <u>1/</u>	576	100	18	75	8	46	111	934
Total cattle:								
Northeast	301	33	8	19*		7	6	374
Southeast	52	13	5	18	4	17	25	134
North Central	136	32	7	22	4	17	73	291
Mountain and Plains	131	25*		13		13	56	238
Southwest	20	13	3	14*		7	44	101
Pacific and Northwest	57	19	5	34*		10	49	174
United States <u>1/</u>	697	134	29	116	12	71	253	1,312

\*Plants from larger size categories are included to avoid disclosure of individual operations.  
1/U.S. totals are correct and do not reflect shifting larger plants into smaller sizes.

Table 17--Calves: Number of federally inspected slaughter plants, by annual slaughter capacity, 1972

Region	Annual capacity			Total
	1- 1,913	1,914- 57,374	57,375- +	
	Number of plants			
Northeast	125	55	33	213
Southeast	7	28	12	47
North Central	10	17	21	48
Mountain and Plains	17	9*		26
Southwest	15*		6	21
Pacific and Northwest	5	40	23	68
United States <sup>1/</sup>	166	160	97	423

\* Plants from larger sizes included to avoid disclosure of individual operations  
<sup>1/</sup> U.S. total does not reflect shifts made to avoid disclosure of individual operations.



Table 18--Sheep: Number of federally inspected slaughter plants by annual slaughter capacity, 1972

Kind of plant and region	Annual capacity			
	1-1,913	1,914-57,374	57,375-+	Total
Exclusively sheep:				
		Number of plants		
Northeast				**
Southeast				**
North Central		3*		3
Mountain and Plains				**
Southwest		6*		6
Pacific and Northwest		6*		6
United States <sup>1/</sup>		8	8	16
Sheep and other livestock:				
Northeast				**
Southeast				**
North Central	11	21*		32
Mountain and Plains				**
Southwest	3	27*		30
Pacific and Northwest	50	42*		92
United States <sup>1/</sup>	200	110	65	375
Total sheep:				
Northeast	91	38	14	143
Southeast	8	15	3	26
North Central	11	8	16	35
Mountain and Plains	37	8	8	53
Southwest	3	16	17	36
Pacific and Northwest	50	33	15	98
United States <sup>1/</sup>	200	118	73	391

\* Plants from larger size categories are included to avoid disclosure of individual operations.

\*\* Data withheld to avoid disclosure of individual operations.

<sup>1/</sup> U.S. totals do not reflect addition of plants from larger sizes.

Table 19--Goats: Number of federally inspected slaughter plants, by annual slaughter capacity, 1972

Region	Annual capacity			Total
	1- 1,913	1,914- 38,250	38,251- +	
	Number of plants			
Northeast	8	6	7	21
Southeast	7*			7
North Central	5*			5
Mountain and Plains	3*			3
Southwest	6*		8	14
Pacific and Northwest	6	6*		12
United States: 1/	22	19	21	62

\* Plants from larger sizes included to avoid disclosure of individual operations.

1/ U.S. total does not reflect shifts made to avoid disclosure of individual operations.

Table 20--Hogs: Number of federally inspected slaughter plants, by annual slaughter capacity, 1972

Kind of plant and region	Annual capacity							
	1- : 143,437	: 143,438- : 286,874	: 286,857- : 430,312	: 430,313- : 573,749	: 573,750- : 717,187	: 717,188- : 860,624	: 860,625- :	Total
Exclusively hogs:	Number of plants							
Northeast	9	5*			6*			20
Southeast	31	4	3*		4*			42
North Central	26	4	5*		8*		25	69
Mountain and Plains	4	4*		4*				12
Southwest								**
Pacific and Northwest								**
United States: 1/	76	15	7	8	11	4	31	152
Hogs and other livestock:								
Northeast	205	7*						212
Southeast	57	12	13*		9*			91
North Central	120	6	9*		11*		13	159
Mountain and Plains	130	5*		7*				142
Southwest								**
Pacific and Northwest								**
United States: 1/	632	32	25	13	23	3	18	746
Total hogs:								
Northeast	214	5	4	3	6*			232
Southeast	88	16	11	5	10	3*		133
North Central	146	10	10	5	15	4	38	228
Mountain and Plains	134	5	4	5			6	154
Southwest	44	7	3*		5*			59
Pacific and Northwest	82	4	4*		3*			92
United States: 1/	708	47	32	21	34	7	49	898

\*Plants from larger sizes are included to avoid disclosure of individual operations.

\*\* Data withheld to avoid disclosure of individual operations.

1/ U.S. totals do not reflect shifts made to avoid disclosure of individual operations.

Table 21--Hogs: Number of federally inspected slaughter plants, with added detail for medium size plants, by annual slaughter capacity, 1972

Kind of plant and region	Annual capacity					Total
	1- 47,812	47,813- 95,624	95,625- 143,437	143,438- +		
Exclusively hogs:						
		Number of plants				
Northeast	9*			11		20
Southeast	31*			11		42
North Central	15	11*		43		69
Mountain and Plains	4			8		12
Southwest						**
Pacific and Northwest						**
United States: 1/	60	10	6	76		152
Hogs and other livestock:						
Northeast	205*			7		212
Southeast	57*			34		91
North Central	115	5*		39		159
Mountain and Plains	130			12		142
Southwest						**
Pacific and Northwest						**
United States: 1/	592	27	13	114		746
Total hogs:						
Northeast	208	3	3	18		232
Southeast	75	9	4	45		133
North Central	130	7	9	82		228
Mountain and Plains	134*			20		154
Southwest	35	9*		15		59
Pacific and Northwest	71	11*		10		92
United States: 1/	652	37	19	190		898

\* Plants from larger size groups are included to avoid disclosure of individual operations.

\*\* Data withheld to avoid disclosure of individual operations.

1/ U.S. totals do not reflect shifts made to avoid disclosure of individual operations.

Table 22--Hogs: Number of federally inspected slaughter plants, with added detail for small plants, by annual slaughter capacity, 1972

Kind of Plant And Region	Annual capacity							Total
	1- 9,562	9,563- 19,124	19,125- 28,687	28,688- 38,249	38,250- 47,812	47,813- +		
Exclusively hogs:	Number of plants							
Northeast	7*					13		20
Southeast	14	4*		9*		15		42
North Central	7	4*			3	55		69
Mountain and Plains	4*					8		12
Southwest								**
Pacific and Northwest								**
United States: 1/	27	11*		5	14	95		152
Hogs and other livestock:								
Northeast	201*					11		212
Southeast	34	7		3*		47		91
North Central	103	9*			3	44		159
Mountain and Plains	105	17*		3	4	13		142
Southwest								**
Pacific and Northwest								**
United States: 1/	489	57*		17	20	163		746
Total hogs:								
Northeast	182	20*			6	24		232
Southeast	48	11*		4	8	62		133
North Central	110	10		3	6	99		228
Mountain and Plains	106	20*		3	4	21		154
Southwest	18	5*		5	5	26		59
Pacific and Northwest	52	6*		5	5	26		92
United States: 1/	516	64	4	22	34	258		898

\* Plant from larger sizes are included to avoid disclosure of individual operations.

\*\* Data withheld to avoid disclosure of individual operations.

1/ U.S. totals do not reflect shifts made to avoid disclosure of individual operations.

Table 23--Percent of annual capacity utilized in federally inspected plants slaughtering cattle

Year and annual capacity class	Region							United States
	North-east	South-east	North Central	Mountain and Plains	South-west	Pacific and Northwest		
	Percent							
Year = 1970								
Size classes:								
1-57,375	71.6	53.1	62.6	73.1	65.9	64.4	65.1	
57,376-114,750	81.3	94.3	80.4	88.4	66.3	69.7	77.2	
114,751-172,125	*	*	105.5	102.5	*	69.1	85.9	
172,126-229,500	*	*	*	97.8	80.0	*	88.8	
229,501-286,875	*	*	70.3	98.5	*	*	69.4	
286,876-344,250	*	*	*	120.4	*	*	105.0	
344,251 +	*	*	50.3	*	*	*	71.1	
Total	75.2	56.2	76.7	87.3	70.9	67.6	77.7	
Year = 1972								
Size classes:								
1-57,375	63.2	54.2	64.8	101.1	60.1	59.8	69.1	
57,376-114,750	87.7	102.6	83.2	92.8	74.3	77.2	82.9	
114,751-172,125	*	*	112.4	54.6	*	77.7	85.2	
172,126-229,500	*	*	*	104.8	83.7	*	85.9	
229,501-286,875	*	*	79.7	111.9	*	*	69.5	
286,876-344,250	*	*	*	120.8	*	*	103.6	
344,251 +	*	*	68.2	*	*	*	85.5	
Total	72.2	56.2	79.1	99.8	72.3	69.6	82.9	
Year = 1973								
Size classes:								
1-57,375	48.9	56.1	61.4	98.6	70.6	61.4	67.8	
57,376-114,750	89.0	109.6	79.0	95.5	67.9	72.1	80.1	
114,751-172,125	*	*	109.6	34.5	*	69.6	78.8	
172,126-229,500	*	*	*	77.1	102.2	*	89.5	
229,501-286,875	*	*	50.0	103.1	*	*	72.7	
286,876-344,250	*	*	*	117.2	*	*	92.7	
344,251 +	*	*	68.9	*	*	*	82.4	
Total	63.8	57.7	75.6	92.2	76.5	70.8	80.3	

\*Data withheld to avoid disclosure of individual operations.

Table 24--Percent of annual capacity utilized in federally inspected plants slaughtering cattle, with added detail for small plants

Year and annual. capacity class	Region							United States
	North- east	South- east	North Central	Mountain and Plains	South- west	Pacific and Northwest		
Year = 1970								
Size classes:								
1 - 9,562	83.9	8.6	55.2	34.1	*	*	53.2	
9,563 - 19,125	46.3	39.5	45.8	49.9	21.8	*	45.0	
19,126 - 28,687	*	53.0	91.2	*	*	*	73.1	
28,688 - 38,250	53.6	*	57.8	82.4	*	71.5	66.9	
38,251 - 47,812	*	*	*	*	*	*	86.6	
47,813 - 57,375	*	53.4	67.1	69.5	66.6	*	66.6	
57,376 +	81.3	62.9	79.0	88.8	71.5	67.9	79.7	
Total	75.2	56.2	76.7	87.3	70.9	67.6	77.7	
Year = 1972								
Size classes:								
1 - 9,562	66.4	20.6	11.6	24.8	*	*	26.2	
9,563 - 19,125	39.6	41.3	62.8	113.4	11.4	*	61.0	
19,126 - 28,687	*	24.0	73.9	*	*	*	52.3	
28,688 - 38,250	48.8	*	65.3	127.4	*	66.7	78.6	
38,251 - 47,812	*	*	*	*	*	*	82.2	
47,813 - 57,375	*	66.1	66.3	89.9	39.7	*	69.6	
57,376 +	87.7	60.9	82.0	99.7	73.8	70.4	85.1	
Total	72.2	56.2	79.1	99.8	72.3	69.6	82.9	
Year = 1973								
Size classes:								
1 - 9,562	82.2	32.4	26.0	44.9	*	*	38.8	
9,563 - 19,125	26.2	32.0	54.1	113.8	8.5	*	52.4	
19,126 - 28,687	*	35.8	100.6	*	*	*	72.4	
28,688 - 38,250	11.3	*	64.7	145.2	*	61.2	80.5	
38,251 - 47,812	*	*	*	*	*	*	80.0	
47,813 - 57,375	*	70.0	53.4	70.7	36.8	*	62.1	
57,376 +	89.0	61.4	78.7	91.7	77.1	71.6	82.3	
	63.8	57.7	75.6	92.2	76.5	70.8	80.3	

\*Data withheld to avoid disclosure of individual operations.

Table 25--Sheep; Percent of annual capacity utilized in federally inspected slaughter plants

Year and annual capacity class	Region						United States
	North- east	South- east	North Central	Mountain and Plains	South- west	Pacific And Northwest	
Year = 1970							
Size classes:							
1-1,913	*	*	*	*	*	*	*
1,914-57,374	*	*	32.0	*	11.7	75.9	11.7
57,375 +	*	*	*	*	*	*	75.3
Total	*	*	32.0	*	82.1	75.9	72.5
Year = 1972							
Size classes:							
1-1,913	*	*	*	*	*	*	*
1,914-57,374	*	*	6.9	*	17.4	41.4	24.8
57,375 +	*	*	*	*	*	*	37.5
Total	*	*	6.9	*	70.9	28.4	37.0
Year = 1973							
Size classes:							
1-1,913	*	*	*	*	*	*	*
1,914-57,374	*	*	4.5	*	18.4	79.2	37.1
57,375 +	*	*	*	*	*	*	37.6
Total	*	*	4.5	*	73.1	27.1	37.6

\*Data withheld to avoid disclosure of individual operations.



Table 26--Hogs: Percent of annual capacity utilized in federally inspected slaughter plants

Year and annual capacity class	Region						United States
	North- east	South- east	North Central	Mountain and Plains	South- west	Pacific And Northwest	
	Percent						
Year = 1970							
Size classes:							
1-143,436	62.2	43.9	38.8	41.3	*	*	42.1
143,437-286,874	38.9	78.0	47.5	7.3	*	*	47.0
286,875-430,312	*	46.2	73.5	*	*	*	65.9
430,313-573,749	*	*	*	103.8	*	*	62.7
573,750-717,187	45.9	79.4	69.3	*	*	*	64.5
717,188-860,624	*	*	*	*	*	*	92.0
860,625 +	*	*	71.1	*	*	*	73.7
Total	60.8	75.7	69.4	82.2	*	*	70.7
Year = 1972							
Size classes:							
1-143,436	40.2	65.1	50.2	62.3	*	*	53.9
143,437-286,874	22.8	73.2	48.7	78.4	*	*	55.0
286,875-430,312	*	46.5	104.1	*	*	*	78.4
430,313-573,749	*	*	*	101.6	*	*	64.1
573,750-717,187	37.4	76.8	74.8	*	*	*	64.2
717,188-860,624	*	*	*	*	*	*	93.1
860,625 +	*	*	73.1	*	*	*	76.1
Total	62.3	76.9	72.4	85.6	*	*	73.3
Year = 1973							
Size classes:							
1-143,436	46.4	62.6	48.5	82.2	*	*	52.9
143,437-286,874	35.6	68.7	75.6	101.2	*	*	74.5
286,875-430,312	*	41.1	92.7	*	*	*	62.3
430,313-573,749	*	*	*	83.6	*	*	49.9
573,750-717,187	32.1	75.5	62.1	*	*	*	56.0
717,188-860,624	*	*	*	*	*	*	86.2
860,625 +	*	*	69.0	*	*	*	70.2
Total	55.1	70.7	67.4	73.5	*	*	67.4

\*Data withheld to avoid disclosure of individual operations.

Table 27--Hogs: Percent of annual capacity utilized in federally inspected slaughter plants, with added detail for medium size plants

Year and annual capacity class	North-east	South-east	North Central	Mountain and Plains	South-west	Pacific And Northwest	United States
	<u>Percent</u>						
Year = 1970							
Size classes:							
1-47,812	14.3	43.1	32.3	41.3	*	*	37.0
47,813-95,624	*	*	56.9	*	*	*	58.8
95,625-143,436	*	*	*	*	*	*	32.4
143,437 +	60.8	78.6	70.1	82.6	*	*	71.5
Total	60.8	75.7	69.4	82.2	*	*	70.7
Year = 1972							
Size classes:							
1-47,812	12.5	66.8	55.4	62.3	*	*	54.6
47,813-95,624	*	*	57.9	*	*	*	60.9
95,625-143,436	*	*	*	*	*	*	44.6
143,437 +	62.9	78.0	72.9	85.8	*	*	73.9
Total	62.3	76.9	72.4	85.6	*	*	73.3
Year = 1973							
Size classes:							
1-47,812	32.2	60.7	63.9	82.2	*	*	55.6
47,813-95,624	*	*	55.3	*	*	*	60.5
95,625-143,436	*	*	*	*	*	*	39.4
143,437 +	55.3	71.4	67.8	73.4	*	*	67.8
Total	55.1	70.7	67.4	73.5	*	*	67.4

\* Data withheld to avoid disclosure of individual operations.

Table 28--Hogs: Percent of annual capacity utilized in federally inspected slaughter plants, with added detail for small plants

Year and annual capacity class	Region						United States
	North-east	South-east	North Central	Mountain and Plains	South-west	Pacific And Northwest	
	<u>Percent</u>						
Year = 1970							
Size classes:							
1-9,562	0.0	52.6	14.1	41.3	*	*	35.5
9,563-19,124	*	52.1	0.3	*	*	*	41.8
19,125-28,687	*	*	*	*	*	*	30.7
28,688-38,249	*	40.0	*	*	*	*	36.1
38,250-47,812	*	*	38.6	*	*	*	38.3
47,813 +	61.0	77.9	69.6	82.6	*	*	71.1
Total	60.8	75.7	69.4	82.2	*	*	70.7
Year = 1972							
Size classes:							
1-9,562	0.0	73.0	17.0	62.3	*	*	49.4
9,563-19,124	*	114.3	43.2	*	*	*	71.3
19,125-28,687	*	*	*	*	*	*	40.2
28,688-38,249	*	60.1	*	*	*	*	50.6
38,250-47,812	*	*	78.8	*	*	*	56.7
47,813 +	62.8	77.6	72.5	85.8	*	*	73.6
Total	62.3	76.9	72.4	85.6	*	*	73.3
Year = 1973							
Size classes:							
1-9,562	0.0	96.0	23.2	82.2	*	*	67.7
9,563-19,124	*	93.9	98.2	*	*	*	86.3
19,125-28,687	*	*	*	*	*	*	39.9
28,688-38,249	*	64.1	*	*	*	*	57.0
38,250-47,812	*	*	72.6	*	*	*	51.1
47,813 +	55.3	71.4	67.4	73.4	*	*	67.5
Total	55.1	70.7	67.4	73.5	*	*	67.4

\*Data withheld to avoid disclosure of individual operations.

Table 29--Percent of cattle obtained from various sources

Kind of plant, region, year, and annual slaughter sizes	Source of slaughter animals									
	Direct			Terminal			Auction			Total
	Percent	Range in percent Low : High :	Percent	Range in percent Low : High :	Percent	Range in percent Low : High :	Percent	Range in percent Low : High :	Percent	Percent
<b>EXCLUSIVELY CATTLE</b>										
<b>SLAUGHTER:</b>										
<b>Northeast sizes 1970:</b>										
1-57,375	11.3	42.5	100.0	41.5	29.9	87.3	47.2	12.7	100.0	100.0
57,376-114,750	*	*	*	*	*	*	*	*	*	*
114,751-172,125	*	*	*	*	*	*	*	*	*	*
172,126-229,500	*	*	*	*	*	*	*	*	*	*
229,501-286,875	*	*	*	*	*	*	*	*	*	*
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	11.3	42.5	100.0	41.5	29.9	87.3	47.2	12.7	100.0	100.0
<b>Sizes 1972:</b>										
1-57,375	20.0	50.6	52.1	31.2	39.1	76.6	48.8	23.4	100.0	100.0
57,376-114,750	*	*	*	*	*	*	*	*	*	*
114,751-172,125	*	*	*	*	*	*	*	*	*	*
172,126-229,500	*	*	*	*	*	*	*	*	*	*
229,501-286,875	*	*	*	*	*	*	*	*	*	*
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	20.0	50.6	52.1	31.2	39.1	76.6	48.8	23.4	100.0	100.0
<b>Southeast sizes 1970:</b>										
1-57,375	59.6	10.2	100.0	0.0	0.0	0.0	40.4	13.7	100.0	100.0
57,376-114,750	15.8	20.9	30.8	2.9	7.2	7.2	81.3	69.2	100.0	100.0
114,751-172,125	*	*	*	*	*	*	*	*	*	*
172,126-229,500	*	*	*	*	*	*	*	*	*	*
229,501-286,875	*	*	*	*	*	*	*	*	*	*
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	32.6	10.2	100.0	1.8	0.0	7.2	65.6	13.7	100.0	100.0
<b>Sizes 1972:</b>										
1-57,375	40.8	8.7	80.5	8.3	4.8	49.2	50.8	19.5	91.3	100.0
57,376-114,750	20.4	16.3	77.9	2.5	6.1	6.1	77.1	22.1	100.0	100.0
114,751-172,125	*	*	*	*	*	*	*	*	*	*
172,126-229,500	*	*	*	*	*	*	*	*	*	*
229,501-286,875	*	*	*	*	*	*	*	*	*	*
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	32.9	8.7	80.5	6.1	4.8	49.2	61.0	19.5	100.0	100.0
<b>North Central</b>										
<b>Sizes 1970:</b>										
1-57,375	26.9	3.5	100.0	39.8	2.9	100.0	33.3	1.1	100.0	100.0
57,376-114,750	51.3	0.3	100.0	31.3	0.1	95.2	17.5	2.2	83.5	100.0
114,751-172,125	62.3	15.0	100.0	33.9	14.2	85.0	3.8	10.2	10.2	100.0
172,126-229,500	83.6	51.4	99.6	16.3	0.4	48.3	0.1	0.3	0.3	100.0
229,501-286,875	67.9	11.6	100.0	14.8	17.9	34.3	17.3	7.0	54.1	100.0
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,250 +	*	*	*	*	*	*	*	*	*	*
Total	64.8	0.3	100.0	22.7	0.1	100.0	12.4	0.0	100.0	100.0
<b>Sizes 1972:</b>										
1-57,375	27.4	0.2	99.6	46.8	1.1	100.0	25.7	0.4	100.0	100.0
57,376-114,750	46.5	0.4	100.0	39.7	9.9	96.0	13.8	0.0	83.9	100.0
114,751-172,125	64.5	15.0	100.0	33.5	5.9	85.0	2.0	2.4	4.3	100.0
172,126-229,500	36.5	36.5	36.5	63.0	63.0	63.0	0.5	0.5	0.5	100.0
229,501-286,875	75.4	52.1	100.0	21.0	40.8	40.8	3.6	7.1	7.1	100.0
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,251 +	99.1	97.2	100.0	0.9	2.8	2.8	0.0	0.0	0.0	100.0
Total	60.4	0.2	100.0	28.8	1.1	100.0	10.7	0.0	100.0	100.0
<b>Mountain and Plains</b>										
<b>Sizes 1970:</b>										
1-57,375	47.3	10.2	100.0	24.4	9.4	100.0	28.4	2.1	100.0	100.0
57,376-114,750	83.3	9.9	100.0	4.0	0.6	79.2	12.6	0.1	100.0	100.0
114,751-172,125	91.6	63.6	100.0	7.5	32.4	32.4	0.9	4.0	4.0	100.0
172,126-229,500	90.8	71.6	100.0	9.2	0.0	28.4	0.0	0.0	0.0	100.0
229,501-286,875	*	*	*	*	*	*	*	*	*	*
286,876-344,250	63.1	33.6	100.0	36.9	66.4	66.4	0.0	0.0	0.0	100.0
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	83.9	9.9	100.0	11.1	0.5	100.0	5.0	0.0	100.0	100.0

See explanation at end of table.

Continued

Table 29--Percent of cattle obtained from various sources--Continued

Kind of plant, region, year, and annual slaughter sizes	Source of slaughter animals									
	Direct			Terminal			Auction			Total
	Percent	Range in percent		Percent	Range in percent		Percent	Range in percent		Percent
		Low	High		Low	High		Low	High	
EXCLUSIVELY CATTLE SLAUGHTER: CONT'D										
Sizes 1972:										
1-57,375	47.6	19.7	96.7	36.4	1.5	100.0	16.0	3.3	48.0	100.0
57,376-114,750	65.0	19.6	100.0	14.7	8.4	93.9	20.3	0.5	100.0	100.0
114,751-172,125	*	*	*	*	*	*	*	*	*	*
172,126-229,500	98.4	98.0	100.0	1.6	2.0	2.0	0.0	0.0	0.0	100.0
229,501-286,875	*	*	*	*	*	*	*	*	*	*
286,876-344,250	77.1	51.2	100.0	21.0	48.3	48.3	1.9	0.5	5.5	100.0
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	78.7	19.6	100.0	15.1	0.2	100.0	6.2	0.0	100.0	100.0
Southwest sizes 1970:										
1-57,375	50.1	2.5	100.0	9.6	5.0	31.7	40.3	31.4	97.5	100.0
57,376-114,750	84.4	28.5	100.0	1.3	0.8	11.9	14.3	2.3	59.6	100.0
114,751-172,125	*	*	*	*	*	*	*	*	*	*
172,126-229,500	*	*	*	*	*	*	*	*	*	*
229,501-286,875	*	*	*	*	*	*	*	*	*	*
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	87.2	2.5	100.0	1.8	0.0	31.7	11.0	0.0	97.5	100.0
Sizes 1972:										
1-57,375	44.8	2.3	100.0	11.3	2.4	53.3	43.9	13.0	100.0	100.0
57,376-114,750	64.4	41.4	100.0	4.1	0.8	24.2	31.5	37.8	100.0	100.0
114,751-172,125	45.1	4.3	94.7	36.4	67.2	67.2	18.4	5.3	49.6	100.0
172,126-229,500	*	*	*	*	*	*	*	*	*	*
229,501-286,875	*	*	*	*	*	*	*	*	*	*
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	76.8	2.3	100.0	6.2	0.0	67.2	17.0	0.0	100.0	100.0
Pacific and North- west sizes 1970:										
1-57,375	76.4	1.4	100.0	0.0	0.0	0.0	23.6	0.7	100.0	100.0
57,376-114,750	90.9	55.6	100.0	3.3	44.4	44.4	5.8	1.7	23.3	100.0
114,751-172,125	*	*	*	*	*	*	*	*	*	*
172,126-229,500	*	*	*	*	*	*	*	*	*	*
229,501-286,875	*	*	*	*	*	*	*	*	*	*
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	87.2	1.4	100.0	2.0	0.0	44.4	10.8	0.0	100.0	100.0
Sizes 1972:										
1-57,375	90.8	17.2	100.0	0.1	0.1	4.9	9.1	1.0	82.8	100.0
57,376-114,750	91.1	5.5	100.0	3.2	0.4	52.5	5.7	6.3	94.5	100.0
114,751-172,125	*	*	*	*	*	*	*	*	*	*
172,126-229,500	*	*	*	*	*	*	*	*	*	*
229,501-286,875	*	*	*	*	*	*	*	*	*	*
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	90.8	5.5	100.0	2.1	0.0	52.5	7.0	1.0	94.5	100.0
United States sizes 1970:										
1-57,375	47.4	1.4	100.0	21.0	0.0	100.0	31.6	0.7	100.0	100.0
57,376-114,750	73.2	0.3	100.0	11.1	0.1	95.2	15.7	0.1	100.0	100.0
114,751-172,125	84.4	15.0	100.0	13.8	0.0	85.0	1.8	0.0	10.2	100.0
172,126-229,500	88.9	51.4	100.0	11.1	0.0	48.3	0.0	0.0	0.3	100.0
229,501-286,875	74.5	11.6	100.0	11.7	0.0	34.3	13.7	0.1	54.1	100.0
286,876-344,250	72.1	33.6	100.0	27.6	4.8	66.4	0.4	0.0	1.8	100.0
344,251 +	93.8	54.2	100.0	6.2	0.0	45.7	0.0	0.0	0.2	100.0
Total	77.1	0.3	100.0	12.8	0.0	100.0	10.1	0.0	100.0	100.0
Sizes 1972:										
1-57,375	46.5	0.2	100.0	25.5	0.1	100.0	28.0	0.4	100.0	100.0
57,376-114,750	65.4	0.4	100.0	16.1	0.4	96.0	18.4	0.0	100.0	100.0
114,751-172,125	74.4	0.0	100.0	18.9	0.0	85.0	6.7	0.0	49.6	100.0
172,126-229,500	75.5	0.0	100.0	24.0	0.0	63.0	0.5	0.0	1.0	100.0
229,501-286,875	81.9	0.0	100.0	12.5	0.0	40.8	5.6	0.0	22.1	100.0
286,876-344,250	79.0	0.0	100.0	13.8	0.0	48.3	7.2	0.0	57.0	100.0
344,251 +	88.0	0.0	100.0	12.0	0.0	69.9	0.0	0.0	0.0	100.0
Total	72.4	0.0	100.0	16.5	0.0	100.0	11.1	0.0	100.0	100.0

See explanation at end of table.

Continued

Table 29--Percent of cattle obtained from various sources--Continued

Kind of plant, region, year, and annual slaughter sizes	Source of slaughter animals									
	Direct			Terminal			Auction			Total
	Range in percent		Percent	Range in percent		Percent	Range in percent		Percent	Percent
	Low	High		Low	High		Low	High		
CATTLE AND OTHER LIVESTOCK:										
Northeast sizes 1970:										
1-57,375	50.9	0.3	100.0	13.8	3.7	100.0	35.4	6.4	100.0	100.0
57,376-114,750	*	*	*	*	*	*	*	*	*	*
114,751-172,125	*	*	*	*	*	*	*	*	*	*
172,126-229,500	*	*	*	*	*	*	*	*	*	*
229,501-286,875	*	*	*	*	*	*	*	*	*	*
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	37.4	0.3	100.0	33.7	3.7	100.0	28.9	6.4	100.0	100.0
Southeast sizes 1970:										
1-57,375	34.5	5.0	100.0	9.4	4.9	100.0	56.1	10.0	100.0	100.0
57,376-114,750	20.5	5.5	74.1	69.9	12.9	100.0	9.6	13.1	13.1	100.0
114,751-172,125	*	*	*	*	*	*	*	*	*	*
172,126-229,500	*	*	*	*	*	*	*	*	*	*
229,501-286,875	*	*	*	*	*	*	*	*	*	*
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	26.0	5.0	100.0	36.5	4.9	100.0	37.5	10.0	100.0	100.0
North Central sizes 1970:										
1-57,375	50.8	5.3	100.0	13.9	1.0	94.7	35.3	0.6	100.0	100.0
57,376-114,750	72.0	9.6	94.3	22.0	4.7	77.2	6.0	1.6	13.2	100.0
114,751-172,125	*	*	*	*	*	*	*	*	*	*
172,126-229,500	*	*	*	*	*	*	*	*	*	*
229,501-286,875	*	*	*	*	*	*	*	*	*	*
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	57.8	5.3	100.0	16.6	1.0	94.7	25.6	0.6	100.0	100.0
Mountain and Plains sizes 1970:										
1-57,375	44.3	0.2	100.0	9.9	7.1	100.0	45.9	1.0	100.0	100.0
57,376-114,750	62.3	12.1	87.3	22.5	4.9	62.4	15.2	2.2	25.5	100.0
114,751-172,125	*	*	*	*	*	*	*	*	*	*
172,126-229,500	*	*	*	*	*	*	*	*	*	*
229,501-286,875	*	*	*	*	*	*	*	*	*	*
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	52.2	0.2	100.0	12.4	4.9	100.0	35.4	0.4	100.0	100.0
South Central sizes 1970:										
1-57,375	36.4	0.5	100.0	39.7	11.1	100.0	23.9	2.1	85.6	100.0
57,376-114,750	36.3	0.6	87.7	43.6	3.0	100.0	20.1	10.0	71.8	100.0
114,751-172,125	91.0	85.8	99.3	7.8	0.7	13.6	1.2	0.6	3.2	100.0
172,126-229,500	76.8	70.3	80.5	14.9	13.1	16.6	8.3	3.7	16.6	100.0
229,501-286,875	*	*	*	*	*	*	*	*	*	*
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	65.4	0.5	100.0	24.6	0.7	100.0	10.0	0.0	85.6	100.0
Mountain and Plains sizes 1970:										
1-57,375	37.1	2.1	100.0	33.1	0.8	100.0	29.8	0.9	100.0	100.0
57,376-114,750	41.1	0.1	91.4	46.4	4.0	100.0	12.6	11.3	58.0	100.0
114,751-172,125	85.9	76.9	97.0	12.4	3.0	19.0	1.8	0.2	4.1	100.0
172,126-229,500	86.0	82.5	88.3	7.0	3.4	12.4	7.0	5.1	8.3	100.0
229,501-286,875	64.9	20.8	95.7	33.2	1.7	79.2	1.9	0.0	5.9	100.0
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	62.3	0.1	100.0	26.9	0.8	100.0	10.9	0.0	100.0	100.0
Mountain and Plains sizes 1970:										
1-57,375	87.1	18.2	100.0	1.2	6.9	27.3	11.6	7.3	100.0	100.0
57,376-114,750	75.1	21.3	99.8	9.3	4.3	41.2	15.6	0.2	78.7	100.0
114,751-172,125	*	*	*	*	*	*	*	*	*	*
172,126-229,500	83.8	63.0	100.0	16.2	37.0	37.0	0.0	0.0	0.0	100.0
229,501-286,875	*	*	*	*	*	*	*	*	*	*
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,250 +	*	*	*	*	*	*	*	*	*	*
Total	87.3	0.0	100.0	6.4	0.0	41.2	6.2	0.0	100.0	100.0

See explanation at end of table.

Continued

Table 29--Percent of cattle obtained from various sources--Continued

Kind of plant, region, year, and annual slaughter sizes	Source of slaughter animals									
	Direct			Terminal			Auction			Total
	Percent			Percent			Percent			Percent
	Low	High	Percent	Low	High	Percent	Low	High	Percent	Percent
CATTLE AND OTHER LIVESTOCK: CONT'D	Percent									
Sizes 1972:										
1-57,375	48.4	4.6	100.0	2.8	0.3	49.2	48.7	0.8	100.0	100.0
57,376-114,750	74.3	52.9	95.9	16.1	4.5	100.0	9.6	3.6	27.4	100.0
114,751-172,125	46.4	34.4	60.3	42.7	36.2	48.4	10.8	3.5	17.2	100.0
172,126-229,500	*	*	*	*	*	*	*	*	*	*
229,501-286,875	*	*	*	*	*	*	*	*	*	*
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	71.1	4.6	100.0	17.1	0.0	100.0	11.8	0.0	100.0	100.0
Southwest sizes 1970:										
1-57,375	73.7	6.1	100.0	2.1	1.1	83.1	24.2	0.8	100.0	100.0
57,376-114,750	71.1	60.6	100.0	11.0	12.7	31.8	17.9	6.8	85.0	100.0
114,751-172,125	*	*	*	*	*	*	*	*	*	*
172,126-229,500	*	*	*	*	*	*	*	*	*	*
229,501-286,875	*	*	*	*	*	*	*	*	*	*
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	74.8	6.1	100.0	4.5	0.0	83.1	20.7	0.8	100.0	100.0
Sizes 1972:										
1-57,375	63.1	6.8	100.0	2.6	0.1	72.2	34.2	3.5	100.0	100.0
57,376-114,750	73.2	18.8	100.0	11.0	1.1	30.9	15.8	1.4	50.3	100.0
114,751-172,125	*	*	*	*	*	*	*	*	*	*
172,126-229,500	*	*	*	*	*	*	*	*	*	*
229,501-286,875	*	*	*	*	*	*	*	*	*	*
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	67.0	6.8	100.0	5.8	0.1	72.2	27.1	1.4	100.0	100.0
Pacific and North- west sizes 1970:										
1-57,375	71.3	2.8	100.0	1.6	0.1	32.5	27.1	1.2	100.0	100.0
57,376-114,750	89.3	79.7	100.0	4.1	4.5	9.7	6.6	1.2	15.8	100.0
114,751-172,125	*	*	*	*	*	*	*	*	*	*
172,126-229,500	*	*	*	*	*	*	*	*	*	*
229,501-286,875	*	*	*	*	*	*	*	*	*	*
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	79.2	2.8	100.0	2.1	0.1	32.5	18.7	0.0	100.0	100.0
Sizes 1972:										
1-57,375	61.5	1.6	100.0	2.3	0.5	48.1	36.1	0.0	100.0	100.0
57,376-114,750	86.0	65.4	100.0	3.6	5.9	11.3	10.4	2.6	32.0	100.0
114,751-172,125	*	*	*	*	*	*	*	*	*	*
172,126-229,500	*	*	*	*	*	*	*	*	*	*
229,501-286,875	*	*	*	*	*	*	*	*	*	*
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	72.6	1.6	100.0	2.4	0.0	48.1	25.0	0.0	100.0	100.0
United States sizes 1970:										
1-57,375	60.7	0.3	100.0	10.6	0.1	100.0	28.7	0.6	100.0	100.0
57,376-114,750	62.0	0.6	100.0	23.0	3.0	100.0	15.1	0.2	85.0	100.0
114,751-172,125	72.0	9.9	99.3	20.4	0.7	72.9	7.7	0.6	66.6	100.0
172,126-229,500	85.2	63.0	100.0	10.7	0.0	37.0	4.1	0.0	16.6	100.0
229,501-286,875	89.3	85.1	93.8	1.0	0.5	1.6	9.6	4.5	14.5	100.0
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	69.9	0.3	100.0	14.7	0.0	100.0	15.4	0.0	100.0	100.0
Sizes 1972:										
1-57,375	50.2	0.2	100.0	9.7	0.1	100.0	40.1	0.0	100.0	100.0
57,376-114,750	61.8	0.1	100.0	25.9	1.1	100.0	12.3	1.4	58.0	100.0
114,751-172,125	65.7	5.6	97.0	28.6	3.0	79.9	5.7	0.2	17.2	100.0
172,126-229,500	79.4	48.3	100.0	17.4	0.0	51.7	3.2	0.0	8.3	100.0
229,501-286,875	72.8	20.8	96.6	25.7	1.7	79.2	1.5	0.0	5.9	100.0
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	62.1	0.1	100.0	17.4	0.0	100.0	20.5	0.0	100.0	100.0

See explanation at end of table.

Continued

Table 29--Percent of cattle obtained from various sources--Continued

Kind of plant, region, year, and annual slaughter sizes	Source of slaughter animals									
	Direct			Terminal			Auction			Total
	Percent	Range in percent		Percent	Range in percent		Percent	Range in percent		Percent
		Low	High		Low	High		Low	High	
Percent										
TOTAL CATTLE PLANTS:										
Northeast sizes 1970:										
1-57,375	43.3	0.3	100.0	19.1	3.7	100.0	37.6	6.4	100.0	100.0
57,376-114,750	*	*	*	*	*	*	*	*	*	*
114,751-172,125	*	*	*	*	*	*	*	*	*	*
172,126-229,500	*	*	*	*	*	*	*	*	*	*
229,501-286,875	*	*	*	*	*	*	*	*	*	*
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	34.1	0.3	100.0	34.7	3.7	100.0	31.2	6.4	100.0	100.0
Southeast sizes 1970:										
1-57,375	32.0	5.0	100.0	13.1	4.9	100.0	54.9	10.0	100.0	100.0
57,376-114,750	20.5	5.5	74.1	69.9	12.9	100.0	9.6	13.1	13.1	100.0
114,751-172,125	*	*	*	*	*	*	*	*	*	*
172,126-229,500	*	*	*	*	*	*	*	*	*	*
229,501-286,875	*	*	*	*	*	*	*	*	*	*
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	25.4	5.0	100.0	36.0	4.9	100.0	38.7	10.0	100.0	100.0
Southwest sizes 1970:										
1-57,375	51.9	5.3	100.0	12.2	1.0	94.7	35.9	0.6	100.0	100.0
57,376-114,750	54.3	9.6	94.3	15.9	4.7	77.2	29.8	1.6	100.0	100.0
114,751-172,125	*	*	*	*	*	*	*	*	*	*
172,126-229,500	*	*	*	*	*	*	*	*	*	*
229,501-286,875	*	*	*	*	*	*	*	*	*	*
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	52.8	5.3	100.0	13.7	1.0	94.7	33.6	0.6	100.0	100.0
North Central sizes 1970:										
1-57,375	43.5	0.2	100.0	9.5	4.8	100.0	46.9	1.0	100.0	100.0
57,376-114,750	47.8	12.1	87.3	15.6	4.9	62.4	36.5	2.2	100.0	100.0
114,751-172,125	*	*	*	*	*	*	*	*	*	*
172,126-229,500	*	*	*	*	*	*	*	*	*	*
229,501-286,875	*	*	*	*	*	*	*	*	*	*
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	47.7	0.2	100.0	11.0	4.8	100.0	41.3	1.0	100.0	100.0
Mountain and Plains sizes 1970:										
1-57,375	30.8	0.5	100.0	39.8	2.9	100.0	29.4	1.1	100.0	100.0
57,376-114,750	45.6	0.3	100.0	35.9	0.1	100.0	18.5	2.2	83.5	100.0
114,751-172,125	79.4	15.0	100.0	18.4	0.7	85.0	2.2	0.6	10.2	100.0
172,126-229,500	80.8	51.4	99.6	15.8	0.4	48.3	3.5	0.3	16.6	100.0
229,501-286,875	72.5	11.6	100.0	12.4	1.6	34.3	15.0	4.5	54.1	100.0
286,876-344,250	63.1	19.2	95.2	36.4	4.8	80.8	0.6	1.8	1.8	100.0
344,251 +	93.4	84.9	97.4	4.2	2.6	6.6	2.4	8.5	8.5	100.0
Total	65.0	0.3	100.0	23.5	0.1	100.0	11.5	0.3	100.0	100.0
Mountain and Plains sizes 1972:										
1-57,375	32.4	0.2	100.0	39.7	0.8	100.0	27.8	0.4	100.0	100.0
57,376-114,750	44.3	0.1	100.0	42.4	4.0	100.0	13.3	0.0	83.9	100.0
114,751-172,125	75.5	15.0	100.0	22.7	3.0	85.0	1.9	0.2	4.3	100.0
172,126-229,500	64.8	36.5	88.3	31.0	3.4	63.0	4.2	0.5	8.3	100.0
229,501-286,875	69.5	20.8	100.0	27.8	1.7	79.2	2.7	0.0	7.1	100.0
286,876-344,250	72.3	12.7	90.1	13.0	4.2	30.2	14.7	9.9	57.0	100.0
344,251 +	99.1	97.2	100.0	0.9	2.8	2.8	0.0	0.0	0.0	100.0
Total	61.2	0.1	100.0	28.0	0.8	100.0	10.8	0.0	100.0	100.0
Mountain and Plains sizes 1970:										
1-57,375	53.6	10.2	100.0	20.7	6.9	100.0	25.7	2.1	100.0	100.0
57,376-114,750	81.4	9.9	100.0	5.3	0.6	79.2	13.3	0.1	100.0	100.0
114,751-172,125	90.6	63.6	100.0	7.4	13.5	32.4	2.0	1.1	8.1	100.0
172,126-229,500	88.8	63.0	100.0	11.2	0.0	37.0	0.0	0.0	0.0	100.0
229,501-286,875	*	*	*	*	*	*	*	*	*	*
286,876-344,250	80.1	33.6	100.0	19.9	66.4	66.4	0.0	0.0	0.0	100.0
344,251 +	92.9	54.2	100.0	7.0	0.5	45.7	0.0	0.2	0.2	100.0
Total	84.7	9.9	100.0	10.0	0.0	100.0	5.3	0.0	100.0	100.0

See explanation at end of table.

Continued



Table 29--Percent of cattle obtained from various sources--Continued

Kind of plant, region, year, and annual slaughter sizes	Source of slaughter animals									
	Direct			Terminal				Auction		Total Percent
	Percent	Range in percent		Percent	Range in percent		Percent	Range in percent		
		Low	High		Low	High		Low	High	
TOTAL CATTLE										
PLANTS: CONT'd.										
Sizes 1972:										
1-57,375	48.0	4.6	100.0	21.7	0.3	100.0	30.3	0.8	100.0	100.0
57,376-114,750	67.7	19.6	100.0	15.1	4.5	100.0	17.2	0.5	100.0	100.0
114,751-172,125	74.5	34.4	100.0	18.4	2.4	48.4	7.1	0.8	17.2	100.0
172,126-229,500	73.1	48.3	100.0	26.9	2.0	51.7	0.0	0.0	0.0	100.0
229,501-286,875	87.2	72.7	99.4	7.4	0.2	27.3	5.4	0.2	22.1	100.0
286,876-344,250	77.1	51.2	100.0	21.0	48.3	48.3	1.9	0.5	5.5	100.0
344,251 +	87.0	30.1	100.0	13.0	0.2	69.9	0.0	0.0	0.0	100.0
Total	76.9	4.6	100.0	15.6	0.2	100.0	7.6	0.0	100.0	100.0
Southwest										
sizes 1970:										
1-57,375	67.3	2.5	100.0	4.1	1.1	83.1	28.6	0.8	100.0	100.0
57,376-114,750	79.5	28.5	100.0	4.9	0.8	31.8	15.6	2.3	85.0	100.0
114,751-172,125	77.4	26.2	98.4	2.1	7.2	7.2	20.5	1.6	66.6	100.0
172,126-229,500	97.4	95.3	99.9	0.0	0.0	0.0	2.6	0.1	4.7	100.0
229,501-286,875	*	*	*	*	*	*	*	*	*	*
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	81.8	2.5	100.0	0.0	0.0	83.1	15.2	0.0	100.0	100.0
Sizes 1972:										
1-57,375	57.5	2.3	100.0	5.3	0.1	72.2	37.2	3.5	100.0	100.0
57,376-114,750	68.2	18.8	100.0	7.1	0.8	30.9	24.7	1.4	100.0	100.0
114,751-172,125	45.1	4.3	94.7	36.4	67.2	67.2	18.4	5.3	49.6	100.0
172,126-229,500	*	*	*	*	*	*	*	*	*	*
229,501-286,875	*	*	*	*	*	*	*	*	*	*
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	73.4	2.3	100.0	6.1	0.0	72.2	20.5	0.0	100.0	100.0
Pacific and North-										
west sizes 1970:										
1-57,375	72.9	1.4	100.0	1.1	0.1	32.5	26.0	0.7	100.0	100.0
57,376-114,750	90.4	55.6	100.0	3.5	4.5	44.4	6.1	1.2	23.3	100.0
114,751-172,125	98.8	94.0	100.0	1.2	6.0	6.0	0.0	0.0	0.0	100.0
172,126-229,500	*	*	*	*	*	*	*	*	*	*
229,501-286,875	*	*	*	*	*	*	*	*	*	*
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	83.2	1.4	100.0	2.1	0.0	44.4	14.8	0.0	100.0	100.0
Sizes 1972:										
1-57,375	68.5	1.6	100.0	1.8	0.1	48.1	29.6	0.0	100.0	100.0
57,376-114,750	89.4	5.5	100.0	3.3	0.4	52.5	7.2	2.6	94.5	100.0
114,751-172,125	89.8	75.0	100.0	0.0	0.0	0.0	10.2	25.0	25.0	100.0
172,126-229,500	*	*	*	*	*	*	*	*	*	*
229,501-286,875	*	*	*	*	*	*	*	*	*	*
286,876-344,250	*	*	*	*	*	*	*	*	*	*
344,251 +	*	*	*	*	*	*	*	*	*	*
Total	81.2	1.6	100.0	2.3	0.0	52.5	16.5	0.0	100.0	100.0
United States:										
sizes 1970										
1-57,375	55.6	0.3	100.0	14.6	0.1	100.0	29.8	0.6	100.0	100.0
57,376-114,750	69.2	0.3	100.0	15.3	0.1	100.0	15.4	0.1	100.0	100.0
114,751-172,125	78.4	9.9	100.0	17.0	0.7	85.0	4.6	0.0	66.6	100.0
172,126-229,500	87.4	51.4	100.0	10.9	0.0	48.3	1.7	0.0	16.4	100.0
229,501-286,875	78.4	11.6	100.0	8.9	0.0	34.3	12.7	0.1	54.1	100.0
286,876-344,250	73.6	19.2	100.0	26.2	4.8	80.8	0.2	0.0	1.8	100.0
344,251 +	93.5	54.2	100.0	5.9	0.0	45.7	0.6	0.0	8.5	100.0
Total	74.2	0.3	100.0	13.6	0.0	100.0	12.2	0.0	100.0	100.0
Sizes 1972:										
1-57,375	49.0	0.2	100.0	14.9	0.1	100.0	36.2	0.0	100.0	100.0
57,376-114,750	64.0	0.1	100.0	20.1	0.4	100.0	16.0	0.0	100.0	100.0
114,751-172,125	70.5	4.3	100.0	23.2	0.0	85.0	6.2	0.2	49.6	100.0
172,126-229,500	77.5	36.5	100.0	20.6	0.0	63.0	1.9	0.0	8.3	100.0
229,501-286,875	78.2	20.8	100.0	17.8	0.0	79.2	3.9	0.0	22.1	100.0
286,876-344,250	79.9	12.7	100.0	12.5	0.0	48.3	7.6	0.0	57.0	100.0
344,251 +	89.3	30.1	100.0	10.7	0.2	69.9	0.0	0.0	0.0	100.0
Total	68.1	0.1	100.0	16.9	0.0	100.0	15.0	0.0	100.0	100.0

\*Data withheld to avoid disclosure of individual operations.

Table 30--Percent of cattle obtained from various sources, with added detail for small plants

Kind of plant, region, year, and annual slaughter sizes	Source of slaughter animals										Total Percent
	Direct			Terminal			Auction				
	Percent	Range in percent		Percent	Range in percent		Percent	Range in percent		Percent	
		Low	High		Low	High		Low	High		
Percent											
EXCLUSIVELY CATTLE SLAUGHTER:											
Northeast sizes 1970:											
1-9,562	28.9	100.0	100.0	21.3	29.9	29.9	49.8	70.1	70.1	100.0	
9,563-19,125	*	*	*	*	*	*	*	*	*	*	*
19,126-28,687	*	*	*	*	*	*	*	*	*	*	*
28,688-38,250	*	*	*	*	*	*	*	*	*	*	*
38,251-47,812	*	*	*	*	*	*	*	*	*	*	*
47,813-57,375	*	*	*	*	*	*	*	*	*	*	*
57,376 +	*	*	*	*	*	*	*	*	*	*	*
Total	11.3	0.0	100.0	41.5	0.0	87.3	47.2	12.7	100.0	100.0	
Sizes 1972:											
1-9,562	0.0	0.0	0.0	46.7	39.1	76.6	53.3	23.4	100.0	100.0	
9,563-19,125	*	*	*	*	*	*	*	*	*	*	*
19,126-28,687	*	*	*	*	*	*	*	*	*	*	*
28,688-38,250	*	*	*	*	*	*	*	*	*	*	*
38,251-47,812	*	*	*	*	*	*	*	*	*	*	*
47,813-57,375	*	*	*	*	*	*	*	*	*	*	*
57,376 +	*	*	*	*	*	*	*	*	*	*	*
Total	20.0	0.0	52.1	31.2	0.0	76.6	48.8	23.4	100.0	100.0	
Southeast sizes 1970:											
1-9,562	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
9,563-19,125	*	*	*	*	*	*	*	*	*	*	*
19,126-28,687	*	*	*	*	*	*	*	*	*	*	*
28,688-38,250	*	*	*	*	*	*	*	*	*	*	*
38,251-47,812	*	*	*	*	*	*	*	*	*	*	*
47,813-57,375	*	*	*	*	*	*	*	*	*	*	*
57,376 +	15.8	20.9	30.8	2.9	7.2	7.2	81.3	69.2	100.0	100.0	
Total	32.6	10.2	100.0	1.8	0.0	7.2	65.6	0.0	100.0	100.0	
Sizes 1972:											
1-9,562	0.0	0.0	0.0	25.0	25.0	25.0	75.0	75.0	75.0	100.0	
9,563-19,125	*	*	*	*	*	*	*	*	*	*	*
19,126-28,687	*	*	*	*	*	*	*	*	*	*	*
28,688-38,250	*	*	*	*	*	*	*	*	*	*	*
38,251-47,812	*	*	*	*	*	*	*	*	*	*	*
47,813-57,375	*	*	*	*	*	*	*	*	*	*	*
57,376 +	20.4	16.3	77.9	2.5	6.1	6.1	77.1	22.1	100.0	100.0	
Total	32.9	0.0	80.5	6.1	0.0	49.2	61.0	0.0	100.0	100.0	
North Central sizes 1970:											
1-9,562	26.9	4.7	98.3	43.9	47.6	100.0	29.2	1.7	47.7	100.0	
9,563-19,125	25.8	3.5	74.3	34.8	2.9	88.2	39.4	1.1	67.8	100.0	
19,126-28,687	32.9	9.2	100.0	37.0	6.5	100.0	30.1	3.0	93.5	100.0	
28,688-38,250	44.8	4.9	70.5	37.1	29.5	48.9	18.1	46.2	46.2	100.0	
38,251-47,812	18.9	19.8	31.1	41.6	25.8	100.0	39.5	43.1	100.0	100.0	
47,813-57,375	*	*	*	*	*	*	*	*	*	*	*
57,376 +	69.9	0.3	100.0	20.4	0.1	95.2	9.6	0.3	83.5	100.0	
Total	64.8	0.0	100.0	22.7	0.1	100.0	12.4	0.3	100.0	100.0	
Sizes 1972:											
1-9,562	28.0	17.1	99.6	52.6	3.2	100.0	19.3	0.4	100.0	100.0	
9,563-19,125	17.9	6.4	56.2	54.3	6.2	100.0	27.8	4.6	82.2	100.0	
19,126-28,687	24.5	0.2	95.9	57.5	3.3	100.0	18.0	0.8	75.0	100.0	
28,688-38,250	*	*	*	*	*	*	*	*	*	*	*
38,251-47,812	46.5	40.7	55.2	45.9	25.5	59.3	7.7	19.3	19.3	100.0	
47,813-57,375	*	*	*	*	*	*	*	*	*	*	*
57,376 +	65.5	0.4	100.0	26.1	2.8	96.0	8.4	0.0	83.9	100.0	
Total	60.4	0.2	100.0	28.8	1.1	100.0	10.7	0.0	100.0	100.0	
Mountain and Plains sizes 1970:											
1-9,562	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	
9,563-19,125	*	*	*	*	*	*	*	*	*	*	*
19,126-28,687	54.3	10.2	100.0	8.5	18.9	20.7	37.2	24.1	70.9	100.0	
28,688-38,250	*	*	*	*	*	*	*	*	*	*	*
38,251-47,812	26.1	47.2	47.2	23.2	51.9	51.9	59.7	48.1	52.8	100.0	
47,813-57,375	*	*	*	*	*	*	*	*	*	*	*
57,376 +	87.6	9.9	100.0	9.7	0.0	79.2	2.7	0.0	100.0	100.0	
Total	83.9	9.9	100.0	11.1	0.0	100.0	5.0	0.0	100.0	100.0	
Sizes 1972:											
1-9,562	77.0	77.0	77.0	0.0	0.0	0.0	23.0	23.0	23.0	100.0	
9,563-19,125	*	*	*	*	*	*	*	*	*	*	*
19,126-28,687	*	*	*	*	*	*	*	*	*	*	*
28,688-38,250	58.0	40.8	96.7	28.6	6.6	100.0	13.4	3.3	46.5	100.0	
38,251-47,812	*	*	*	*	*	*	*	*	*	*	*
47,813-57,375	*	*	*	*	*	*	*	*	*	*	*
57,376 +	80.9	19.6	100.0	13.6	0.2	93.9	5.5	0.5	100.0	100.0	
Total	78.7	0.0	100.0	15.1	0.0	100.0	6.2	0.5	100.0	100.0	

See explanation at end of table.

Continued

Table 30--Percent of cattle obtained from various sources, with added detail for small plants--Continued

Kind of plant, region, year, and annual slaughter sizes	Source of slaughter animals									
	Direct			Terminal			Auction			Total
	Percent	Range in percent		Percent	Range in percent		Percent	Range in percent		
		Low	High		Low	High		Low	High	Percent
EXCLUSIVELY CATTLE SLAUGHTER: Cont'd.										
Southwest sizes 1970:										
1-9,562	6.6	6.6	6.6	26.7	26.7	26.7	66.7	66.7	66.7	100.0
9,563-19,125	*	*	*	*	*	*	*	*	*	*
19,126-28,687	62.7	6.0	100.0	6.7	16.8	16.8	30.6	77.2	77.2	100.0
28,688-38,250	*	*	*	*	*	*	*	*	*	*
38,251-47,812	67.6	36.8	100.0	16.3	31.7	31.7	16.1	31.4	31.4	100.0
47,813-57,375	*	*	*	*	*	*	*	*	*	*
57,376 +	93.1	28.5	100.0	0.5	0.8	11.9	6.3	0.1	59.8	100.0
Total	87.2	2.5	100.0	1.8	0.0	31.7	11.0	0.1	97.5	100.0
Sizes 1972:										
1-9,562	12.9	12.9	12.9	12.2	12.2	12.2	74.8	74.8	74.8	100.0
9,563-19,125	10.9	9.8	53.1	24.8	53.3	53.3	64.2	46.7	100.0	100.0
19,126-28,687	75.1	50.4	100.0	0.0	0.0	0.0	24.9	13.0	49.6	100.0
28,688-38,250	*	*	*	*	*	*	*	*	*	*
38,251-47,812	*	*	*	*	*	*	*	*	*	*
47,813-57,375	*	*	*	*	*	*	*	*	*	*
57,376 +	82.1	4.3	100.0	5.4	0.8	67.2	12.5	0.0	100.0	100.0
Total	76.8	2.3	100.0	6.2	9.0	67.2	17.0	0.0	100.0	100.0
Pacific and Northwest sizes 1970:										
1-9,562	3.6	92.8	92.8	0.0	0.0	0.0	96.4	7.2	100.0	100.0
9,563-19,125	97.7	94.6	100.0	0.0	0.0	0.0	2.3	0.7	5.4	100.0
19,126-28,687	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
28,688-38,250	*	*	*	*	*	*	*	*	*	*
38,251-47,812	91.2	79.7	100.0	0.0	0.0	0.0	8.8	20.3	20.3	100.0
47,813-57,375	82.8	1.4	100.0	0.0	0.0	0.0	17.2	98.6	98.6	100.0
57,376 +	92.0	55.6	100.0	2.9	44.4	44.4	5.1	1.7	23.3	100.0
Total	87.2	1.4	100.0	2.0	0.0	44.4	10.8	0.0	100.0	100.0
Sizes 1972:										
1-9,562	94.1	94.1	94.1	4.9	4.9	4.9	1.0	1.0	1.0	100.0
9,563-19,125	91.1	68.2	100.0	0.0	0.1	0.1	8.9	3.7	31.7	100.0
19,126-28,687	*	*	*	*	*	*	*	*	*	*
28,688-38,250	56.7	17.2	98.3	0.0	0.0	0.0	43.3	1.7	82.8	100.0
38,251-47,812	*	*	*	*	*	*	*	*	*	*
47,813-57,375	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
57,376 +	90.9	5.5	100.0	2.7	0.4	52.5	6.5	6.3	94.5	100.0
Total	90.8	5.5	100.0	2.1	0.0	52.5	7.0	0.0	94.5	100.0
United States sizes 1970:										
1-9,562	42.8	4.7	100.0	16.4	0.0	100.0	40.8	0.0	100.0	100.0
9,563-19,125	35.5	2.5	100.0	22.6	0.0	100.0	42.0	0.0	100.0	100.0
19,126-28,687	54.4	6.0	100.0	14.8	0.0	100.0	30.9	0.0	93.5	100.0
28,688-38,250	46.2	4.9	100.0	27.4	0.0	100.0	26.4	13.7	100.0	100.0
38,251-47,812	43.9	0.0	100.0	19.3	0.0	100.0	36.8	20.3	100.0	100.0
47,813-57,375	54.6	0.0	100.0	26.0	0.0	87.3	19.3	2.1	98.6	100.0
57,376 +	81.9	0.3	100.0	11.5	0.0	95.2	6.6	0.0	100.0	100.0
Total	77.1	0.0	100.0	12.8	0.0	100.0	10.1	0.0	100.0	100.0
Sizes 1972:										
1-9,562	28.1	0.0	99.6	45.5	0.0	100.0	26.5	0.4	100.0	100.0
9,563-19,125	34.0	6.4	100.0	32.1	0.0	100.0	33.9	0.0	100.0	100.0
19,126-28,687	53.7	0.2	100.0	21.2	0.0	100.0	25.1	0.0	75.0	100.0
28,688-38,250	41.0	0.0	98.3	21.2	0.0	100.0	37.8	1.7	100.0	100.0
38,251-47,812	50.2	0.0	100.0	22.4	0.0	59.3	27.4	0.0	91.3	100.0
47,813-57,375	66.6	19.7	100.0	21.4	0.0	76.3	11.9	0.0	49.2	100.0
57,376 +	76.5	0.4	100.0	15.0	0.2	96.0	8.4	0.0	100.0	100.0
Total	72.4	0.0	100.0	16.5	0.0	100.0	11.1	0.0	100.0	100.0
CATTLE PLUS OTHER LIVESTOCK:										
Northeast sizes 1970:										
1-9,562	30.9	0.3	100.0	8.1	8.7	97.3	61.1	14.2	100.0	100.0
9,563-19,125	38.4	1.7	100.0	23.1	3.7	100.0	37.6	6.4	100.0	100.0
19,126-28,687	54.1	8.9	100.0	8.9	33.2	33.2	37.0	16.4	91.1	100.0
28,688-38,250	*	*	*	*	*	*	*	*	*	*
38,251-47,812	*	*	*	*	*	*	*	*	*	*
47,813-57,375	*	*	*	*	*	*	*	*	*	*
57,376 +	*	*	*	*	*	*	*	*	*	*
Total	37.4	0.3	100.0	33.7	3.7	100.0	28.9	0.0	100.0	100.0
Sizes 1972:										
1-9,562	20.9	5.6	100.0	11.5	4.9	87.5	67.6	12.5	100.0	100.0
9,563-19,125	24.1	5.0	100.0	11.7	100.0	100.0	64.2	44.8	100.0	100.0
19,126-28,687	70.0	45.8	100.0	0.0	0.0	0.0	30.0	39.9	54.2	100.0
28,688-38,250	59.8	90.0	94.0	4.5	4.9	6.0	35.7	10.0	95.1	100.0
38,251-47,812	*	*	*	*	*	*	*	*	*	*
47,813-57,375	*	*	*	*	*	*	*	*	*	*
57,376 +	14.3	5.5	74.1	74.1	12.9	100.0	11.6	13.1	14.5	100.0
Total	26.0	0.0	100.0	36.5	0.0	100.0	37.5	10.0	100.0	100.0
Southeast sizes 1970:										
1-9,562	35.8	5.3	100.0	18.8	24.9	94.7	45.4	1.9	100.0	100.0
9,563-19,125	*	*	*	*	*	*	*	*	*	*
19,126-28,687	76.5	18.6	100.0	12.8	9.8	81.4	10.6	0.6	50.0	100.0
28,688-38,250	*	*	*	*	*	*	*	*	*	*
38,251-47,812	40.4	11.6	72.6	9.2	28.0	28.6	50.3	27.4	88.4	100.0
47,813-57,375	*	*	*	*	*	*	*	*	*	*
57,376 +	72.0	9.6	94.3	22.0	4.7	77.2	6.0	1.6	13.2	100.0
Total	57.8	5.3	100.0	16.6	1.0	94.7	25.6	0.6	100.0	100.0

See explanation at end of table.

Continued

Table 30—Percent of cattle obtained from various sources, with added detail for small plants—Continued

Kind of plant, region, year, and annual slaughter sizes	Source of slaughter animals									
	Direct			Terminal			Auction			Total
	Percent	Range in percent		Percent	Range in percent		Percent	Range in percent		
		Low	High		Low	High		Low	High	
CATTLE PLUS OTHER LIVESTOCK: Cont'd.										
Sizes 1972:	Percent									
1-9,562	26.6	0.2	100.0	8.2	10.9	100.0	65.2	20.0	100.0	100.0
9,563-19,125	*	*	*	*	*	*	*	*	*	*
19,126-28,687	68.7	0.8	100.0	3.1	7.1	11.0	28.2	2.6	96.0	100.0
28,688-38,250	*	*	*	*	*	*	*	*	*	*
38,251-47,812	*	*	*	*	*	*	*	*	*	*
47,813-57,375	*	*	*	*	*	*	*	*	*	*
57,376 +	70.3	12.1	92.5	18.4	4.9	62.4	11.3	0.4	25.5	100.0
Total	52.2	0.2	100.0	12.4	0.0	100.0	35.4	0.4	100.0	100.0
North Central sizes 1970:	41.2	3.3	100.0	23.9	11.1	100.0	35.0	20.9	85.6	100.0
1-9,562	10.4	0.5	48.4	55.4	22.2	100.0	34.2	2.1	83.2	100.0
9,563-19,125	57.8	31.8	100.0	25.4	26.0	34.8	16.8	5.9	42.2	100.0
19,126-28,687	41.3	40.9	42.5	24.4	14.4	53.4	34.3	4.1	44.7	100.0
28,688-38,250	*	*	*	*	*	*	*	*	*	*
38,251-47,812	*	*	*	*	*	*	*	*	*	*
47,813-57,375	69.4	0.6	99.3	22.5	0.7	100.0	8.1	0.6	71.8	100.0
57,376 +	65.4	0.5	100.0	24.6	0.7	100.0	10.0	0.0	85.6	100.0
Total	24.3	2.1	100.0	24.7	0.8	100.0	51.0	0.9	100.0	100.0
Sizes 1972:	34.5	12.4	82.0	37.2	11.8	100.0	28.3	3.4	73.9	100.0
1-9,562	55.6	45.3	84.6	34.7	4.7	91.7	9.7	8.3	23.3	100.0
9,563-19,125	*	*	*	*	*	*	*	*	*	*
19,126-28,687	*	*	*	*	*	*	*	*	*	*
28,688-38,250	*	*	*	*	*	*	*	*	*	*
38,251-47,812	*	*	*	*	*	*	*	*	*	*
47,813-57,375	68.2	0.1	97.0	25.4	1.7	100.0	6.4	0.0	58.0	100.0
57,376 +	62.3	0.1	100.0	26.9	0.0	100.0	10.9	0.0	100.0	100.0
Total	88.0	18.2	100.0	1.7	27.3	27.3	10.3	10.8	100.0	100.0
Mountain and Plains sizes 1970:	*	*	*	*	*	*	*	*	*	*
1-9,562	80.3	64.3	92.7	3.0	6.9	6.9	16.7	7.3	28.8	100.0
9,563-19,125	*	*	*	*	*	*	*	*	*	*
19,126-28,687	*	*	*	*	*	*	*	*	*	*
28,688-38,250	*	*	*	*	*	*	*	*	*	*
38,251-47,812	*	*	*	*	*	*	*	*	*	*
47,813-57,375	87.3	21.3	100.0	6.8	0.5	41.2	5.9	0.2	78.7	100.0
57,376 +	87.3	18.2	100.0	6.4	0.0	41.2	6.2	0.2	100.0	100.0
Total	68.8	4.6	100.0	0.7	17.0	17.0	30.5	7.8	100.0	100.0
Sizes 1972:	70.9	59.8	87.3	5.7	9.5	9.5	23.4	12.7	30.7	100.0
1-9,562	*	*	*	*	*	*	*	*	*	*
9,563-19,125	33.6	34.4	77.9	0.1	0.3	0.3	66.3	21.8	100.0	100.0
19,126-28,687	*	*	*	*	*	*	*	*	*	*
28,688-38,250	*	*	*	*	*	*	*	*	*	*
38,251-47,812	75.5	34.4	100.0	19.8	3.2	100.0	4.7	0.2	27.4	100.0
47,813-57,375	71.1	4.6	100.0	17.1	0.0	100.0	11.8	0.2	100.0	100.0
57,376 +	72.4	17.2	100.0	2.1	36.0	36.0	25.5	3.9	100.0	100.0
Total	*	*	*	*	*	*	*	*	*	*
Southwest sizes 1970:	70.5	7.1	100.0	0.6	1.1	1.9	28.9	3.4	100.0	100.0
1-9,562	*	*	*	*	*	*	*	*	*	*
9,563-19,125	70.3	6.1	100.0	2.1	9.8	9.8	27.6	5.0	84.1	100.0
19,126-28,687	*	*	*	*	*	*	*	*	*	*
28,688-38,250	75.8	26.2	100.0	6.8	7.2	31.8	17.4	4.7	85.0	100.0
38,251-47,812	74.8	6.1	100.0	4.5	0.0	83.1	20.7	0.8	100.0	100.0
47,813-57,375	75.3	39.5	100.0	8.0	29.8	29.8	16.7	10.5	37.0	100.0
57,376 +	56.6	6.8	95.2	8.1	72.2	72.2	35.3	4.8	100.0	100.0
Total	69.7	45.2	100.0	0.0	0.0	0.0	30.3	3.5	54.8	100.0
Sizes 1972:	*	*	*	*	*	*	*	*	*	*
1-9,562	*	*	*	*	*	*	*	*	*	*
9,563-19,125	73.2	18.8	100.0	11.0	1.1	30.9	15.8	1.4	50.3	100.0
19,126-28,687	67.0	6.8	100.0	5.8	0.0	72.2	27.1	1.4	100.0	100.0
28,688-38,250	63.0	2.8	100.0	1.5	2.3	21.5	35.5	1.2	100.0	100.0
38,251-47,812	58.5	34.7	100.0	2.1	0.3	9.8	39.4	2.0	100.0	100.0
47,813-57,375	73.8	41.8	100.0	0.1	0.7	0.7	26.1	6.2	100.0	100.0
57,376 +	*	*	*	*	*	*	*	*	*	*
Total	90.5	77.8	98.6	0.0	0.1	0.1	9.4	1.4	22.2	100.0
Pacific and Northwest sizes 1970:	73.3	50.1	100.0	0.7	2.4	2.4	26.0	24.5	49.9	100.0
1-9,562	92.8	79.7	100.0	3.0	4.5	9.7	4.2	1.2	15.8	100.0
9,563-19,125	79.2	2.8	100.0	2.1	0.1	32.5	18.7	1.2	100.0	100.0
19,126-28,687	62.8	2.8	100.0	2.0	0.7	48.1	35.2	3.6	100.0	100.0
28,688-38,250	51.5	8.8	100.0	2.1	1.7	27.6	46.4	2.0	100.0	100.0
38,251-47,812	*	*	*	*	*	*	*	*	*	*
47,813-57,375	44.4	1.6	86.3	7.9	0.6	29.1	47.7	13.7	90.3	100.0
57,376 +	*	*	*	*	*	*	*	*	*	*
Total	69.0	66.8	100.0	0.7	2.9	2.9	30.3	0.0	100.0	100.0
Sizes 1972:	89.9	65.4	100.0	2.6	6.9	11.3	7.5	2.6	32.0	100.0
1-9,562	72.6	1.6	100.0	2.4	0.0	48.1	25.0	0.0	100.0	100.0
9,563-19,125	62.8	2.8	100.0	2.0	0.7	48.1	35.2	3.6	100.0	100.0
19,126-28,687	51.5	8.8	100.0	2.1	1.7	27.6	46.4	2.0	100.0	100.0
28,688-38,250	*	*	*	*	*	*	*	*	*	*
38,251-47,812	44.4	1.6	86.3	7.9	0.6	29.1	47.7	13.7	90.3	100.0
47,813-57,375	69.0	66.8	100.0	0.7	2.9	2.9	30.3	0.0	100.0	100.0
57,376 +	89.9	65.4	100.0	2.6	6.9	11.3	7.5	2.6	32.0	100.0
Total	72.6	1.6	100.0	2.4	0.0	48.1	25.0	0.0	100.0	100.0

See Explanation at end of table.

Continued

Table 30--Percent of cattle obtained from various sources, with added detail for small plants--Continued

Kind of plant, region, year, and annual slaughter sizes	Source of slaughter animals									
	Direct			Terminal			Auction			Total
	Percent	Range in percent	Percent	Range in percent	Percent	Range in percent	Percent	Range in percent	Percent	
		Low : High		Low : High		Low : High		Low : High		
CATTLE PLUS OTHER LIVESTOCK: Cont'd.										
United States sizes 1970:										
1-9,562	51.6	0.3 100.0	7.6	2.3 100.0	40.8	1.2 100.0	100.0			
9,563-19,125	44.0	0.5 100.0	20.2	0.3 100.0	35.8	0.8 100.0	100.0			
19,126-28,687	69.0	7.1 100.0	8.7	0.7 81.4	22.3	0.6 100.0	100.0			
28,688-38,250	59.0	21.3 100.0	10.0	0.0 78.1	31.0	3.5 100.0	100.0			
38,251-47,812	66.9	6.1 100.0	8.2	0.0 58.0	24.9	0.0 88.4	100.0			
47,813-57,375	74.5	12.7 100.0	6.9	0.0 54.0	18.6	0.0 81.6	100.0			
57,376 +	74.7	0.6 100.0	16.8	0.5 100.0	9.5	0.2 85.0	100.0			
Total	69.9	0.3 100.0	14.7	0.0 100.0	15.4	0.0 100.0	100.0			
Sizes 1972:										
1-9,562	37.5	0.2 100.0	9.6	0.7 100.0	52.9	0.9 100.0	100.0			
9,563-19,125	45.4	5.0 100.0	12.4	1.7 100.0	42.1	2.0 100.0	100.0			
19,126-28,687	68.5	0.8 100.0	7.9	0.0 91.7	23.6	0.8 36.0	100.0			
28,688-38,250	47.3	1.6 100.0	7.9	0.0 95.2	44.8	1.0 100.0	100.0			
38,251-47,812	56.9	0.0 100.0	10.1	0.0 48.1	33.0	4.3 100.0	100.0			
47,813-57,375	51.4	20.0 100.0	10.5	0.0 69.2	38.1	0.0 100.0	100.0			
57,376 +	70.1	0.1 100.0	22.5	1.1 100.0	7.4	0.0 58.0	100.0			
Total	62.1	0.0 100.0	17.4	0.0 100.0	20.5	0.0 100.0	100.0			
TOTAL CATTLE PLANTS:										
Northeast sizes 1970:										
1-9,562	30.7	0.3 100.0	9.2	8.7 97.3	60.1	14.2 100.0	100.0			
9,563-19,125	39.4	1.7 100.0	23.1	3.7 100.0	37.6	6.4 100.0	100.0			
19,126-28,687	52.6	8.9 100.0	7.7	33.2 33.2	39.7	16.4 91.1	100.0			
28,688-38,250	*	*	*	*	*	*	*			
38,251-47,812	*	*	*	*	*	*	*			
47,813-57,375	*	*	*	*	*	*	*			
57,376 +	16.8	9.7 27.1	64.3	51.9 72.9	19.0	27.0 38.4	100.0			
Total	34.1	0.0 100.0	34.7	0.0 100.0	31.2	6.4 100.0	100.0			
Southeast sizes 1970:										
1-9,562	19.1	5.6 100.0	14.6	4.9 87.5	66.3	12.5 100.0	100.0			
9,563-19,125	26.7	5.0 100.0	10.5	100.0 100.0	62.8	44.8 100.0	100.0			
19,126-28,687	65.2	45.8 100.0	0.0	0.0 0.0	34.8	39.9 54.2	100.0			
28,688-38,250	38.8	90.0 94.0	21.5	4.9 52.8	39.8	10.0 95.1	100.0			
38,251-47,812	*	*	*	*	*	*	*			
47,813-57,375	*	*	*	*	*	*	*			
57,376 +	14.3	5.5 74.1	74.1	12.9 100.0	11.6	13.1 24.5	100.0			
Total	25.4	0.0 100.0	36.0	0.0 100.0	38.7	10.0 100.0	100.0			
South Central sizes 1970:										
1-9,562	55.8	5.3 100.0	12.9	24.9 94.7	31.2	1.9 100.0	100.0			
9,563-19,125	45.4	35.0 100.0	17.8	1.0 69.5	36.8	3.1 100.0	100.0			
19,126-28,687	76.5	18.6 100.0	12.8	9.8 81.4	10.6	0.6 50.0	100.0			
28,688-38,250	46.0	21.3 100.0	12.2	78.1 78.1	41.8	13.7 100.0	100.0			
38,251-47,812	36.0	10.2 72.6	7.9	28.6 28.6	56.2	27.4 89.8	100.0			
47,813-57,375	*	*	*	*	*	*	*			
57,376 +	54.3	9.6 94.3	15.9	4.7 77.2	29.8	1.6 100.0	100.0			
Total	52.8	5.3 100.0	13.7	1.0 94.7	33.6	0.6 100.0	100.0			
North Central sizes 1970:										
1-9,562	25.4	0.2 100.0	9.0	10.9 100.0	65.6	20.0 100.0	100.0			
9,563-19,125	46.0	14.7 100.0	11.4	10.1 60.0	42.6	4.8 100.0	100.0			
19,126-28,687	64.4	0.8 100.0	3.9	7.1 11.0	31.3	2.6 96.0	100.0			
28,688-38,250	49.9	4.3 99.0	13.9	8.0 95.2	36.2	1.0 71.9	100.0			
38,251-47,812	20.1	8.7 29.4	2.1	4.8 4.8	77.7	70.6 91.3	100.0			
47,813-57,375	*	*	*	*	*	*	*			
57,376 +	56.4	12.1 92.5	14.0	4.9 62.4	29.6	0.4 100.0	100.0			
Total	47.7	0.2 100.0	11.0	4.8 100.0	41.3	0.4 100.0	100.0			
Mountain and Plains sizes 1970:										
1-9,562	31.3	3.3 100.0	37.8	11.1 100.0	31.0	1.7 85.6	100.0			
9,563-19,125	18.6	0.5 74.3	44.4	2.9 100.0	37.0	1.1 83.2	100.0			
19,126-28,687	41.0	9.2 100.0	33.2	6.5 100.0	25.8	3.0 93.5	100.0			
28,688-38,250	42.9	4.9 70.5	30.3	14.4 53.4	26.8	4.1 46.2	100.0			
38,251-47,812	24.8	19.8 42.0	45.8	25.8 100.0	29.4	43.1 100.0	100.0			
47,813-57,375	30.9	36.5 78.5	48.2	12.4 60.6	20.9	9.1 39.4	100.0			
57,376 +	69.7	0.3 100.0	21.3	0.1 100.0	9.0	0.3 83.5	100.0			
Total	65.0	0.3 100.0	23.5	0.1 100.0	11.5	0.3 100.0	100.0			
West sizes 1972:										
1-9,562	26.5	2.1 100.0	40.7	0.8 100.0	32.8	0.4 100.0	100.0			
9,563-19,125	27.8	6.4 72.0	44.1	6.2 100.0	28.1	3.4 82.2	100.0			
19,126-28,687	40.2	0.2 53.9	46.0	3.3 100.0	13.8	0.8 75.0	100.0			
28,688-38,250	21.1	7.5 65.4	23.7	1.1 79.2	55.2	13.3 89.2	100.0			
38,251-47,812	42.5	36.8 55.2	46.8	25.5 59.3	10.7	15.1 19.3	100.0			
47,813-57,375	37.8	23.6 86.6	29.3	13.4 69.2	32.9	7.2 70.0	100.0			
57,376 +	66.6	0.1 100.0	25.8	1.7 100.0	7.6	0.0 83.9	100.0			
Total	61.2	0.1 100.0	28.0	0.8 100.0	10.8	0.0 100.0	100.0			
Mountain and Plains sizes 1970:										
1-9,562	92.7	18.2 100.0	1.0	27.3 27.3	6.3	10.8 100.0	100.0			
9,563-19,125	70.3	90.6 100.0	29.7	9.4 100.0	0.0	0.0 0.0	100.0			
19,126-28,687	57.5	10.2 100.0	7.8	6.9 20.7	34.7	7.3 70.9	100.0			
28,688-38,250	33.2	23.3 77.6	43.2	22.4 100.0	23.6	33.0 100.0	100.0			
38,251-47,812	50.1	47.2 90.1	14.5	51.9 51.9	35.4	9.9 52.8	100.0			
47,813-57,375	*	*	*	*	*	*	*			
57,376 +	87.5	9.9 100.0	9.1	0.0 79.2	3.4	0.0 100.0	100.0			
Total	84.7	9.9 100.0	10.0	0.0 100.0	5.3	0.0 100.0	100.0			

See explanation at end of table.

Continued

Table 30--Percent of cattle obtained from various source, with added detail for small plants--Continued

Kind of plants, region, year, and annual slaughter sizes	Source of slaughter animals									
	Direct			Terminal			Auction			Total
	Percent			Percent			Percent			
	Low	High	Percent	Low	High	Percent	Low	High	Percent	
Percent										
TOTAL CATTLE PLANTS: Cont'd.										
Sizes 1972:										
1-9,562	68.2	4.6	100.0	0.7	17.0	17.0	30.1	7.8	100.0	100.0
9,563-19,125	74.4	59.8	90.7	4.9	1.5	9.5	20.6	7.8	30.7	100.0
19,126-28,687	51.6	50.0	52.0	11.6	49.2	49.2	36.8	0.8	48.0	100.0
28,688-38,250	50.7	34.4	96.7	20.1	0.3	100.0	29.2	3.3	100.0	100.0
38,251-47,812	*	*	*	*	*	*	*	*	*	*
47,813-57,375	29.2	19.7	50.4	38.7	49.6	76.3	32.1	4.0	75.4	100.0
57,376 +	70.7	19.6	100.0	15.0	0.2	100.0	5.4	0.2	100.0	100.0
Total	71.5	0.0	100.0	15.6	0.2	100.0	7.6	0.2	100.0	100.0
Southwest sizes 1970:										
1-9,562	59.1	6.6	100.0	7.1	26.7	36.0	33.8	3.9	100.0	100.0
9,563-19,125	41.5	2.5	100.0	6.2	5.0	83.1	52.3	0.8	97.5	100.0
19,126-28,687	66.8	6.0	100.0	3.5	1.1	16.8	29.7	3.4	100.0	100.0
28,688-38,250	70.1	45.6	100.0	0.0	0.0	0.0	29.9	3.5	54.4	100.0
38,251-47,812	69.2	6.1	100.0	7.6	9.8	31.7	23.1	5.0	84.1	100.0
47,813-57,375	*	*	*	*	*	*	*	*	*	*
57,376 +	87.8	26.2	100.0	2.5	0.8	31.8	9.8	0.1	85.0	100.0
Total	81.8	2.5	100.0	3.0	0.0	83.1	15.2	0.1	100.0	100.0
Sizes 1972:										
1-9,562	57.8	12.9	100.0	9.2	12.2	29.8	33.0	10.5	74.8	100.0
9,563-19,125	38.3	6.8	95.2	14.8	53.3	72.2	46.9	4.8	100.0	100.0
19,126-28,687	71.7	45.2	100.0	0.0	0.0	0.0	28.3	3.5	54.8	100.0
28,688-38,250	44.1	2.3	100.0	2.6	0.1	13.2	53.3	37.9	100.0	100.0
38,251-47,812	97.9	95.7	100.0	0.0	0.0	0.0	2.1	4.3	4.3	100.0
47,813-57,375	60.2	20.0	87.3	6.3	29.2	29.2	33.5	12.7	80.0	100.0
57,376 +	80.4	4.3	100.0	6.5	0.8	67.2	13.1	0.0	100.0	100.0
Total	73.4	2.3	100.0	6.1	0.0	72.2	20.5	0.0	100.0	100.0
Pacific and Northwest sizes 1970:										
1-9,562	48.1	2.8	100.0	1.1	2.3	21.5	50.8	1.2	100.0	100.0
9,563-19,125	64.3	34.7	100.0	0.8	0.3	9.8	33.9	0.7	100.0	100.0
19,126-28,687	81.0	41.8	100.0	0.1	0.7	0.7	18.9	6.2	100.0	100.0
28,688-38,250	69.2	10.0	100.0	2.7	32.5	32.5	28.0	6.0	100.0	100.0
38,251-47,812	90.8	77.8	100.0	0.0	0.1	0.1	9.2	1.4	22.2	100.0
47,813-57,375	78.5	1.4	100.0	0.3	2.4	2.4	21.2	24.5	98.6	100.0
57,376 +	92.3	55.6	100.0	2.9	4.5	44.4	4.8	1.2	23.3	100.0
Total	83.2	1.4	100.0	2.1	0.1	44.4	14.8	0.7	100.0	100.0
Sizes 1972:										
1-9,562	65.0	2.8	100.0	2.2	0.7	48.1	32.8	1.0	100.0	100.0
9,563-19,125	58.8	8.8	100.0	1.7	0.1	27.6	39.5	2.0	100.0	100.0
19,126-28,687	83.9	23.1	100.0	0.3	0.5	2.1	15.7	6.6	76.9	100.0
28,688-38,250	47.3	1.6	98.3	6.1	0.6	29.1	46.7	1.7	90.3	100.0
38,251-47,812	74.4	79.7	100.0	0.0	0.0	0.0	25.6	20.3	100.0	100.0
47,813-57,375	80.6	66.8	100.0	0.4	2.9	2.9	19.0	0.0	100.0	100.0
57,376 +	90.5	5.5	100.0	2.6	0.4	52.5	6.8	2.6	94.5	100.0
Total	81.2	1.6	100.0	2.3	0.0	52.5	16.5	0.0	100.0	100.0
United States sizes 1970:										
1-9,562	48.9	0.3	100.0	10.3	2.3	100.0	40.8	1.2	100.0	100.0
9,563-19,125	41.5	0.5	100.0	20.9	0.3	100.0	37.6	0.0	100.0	100.0
19,126-28,687	63.1	6.0	100.0	11.2	0.7	100.0	25.8	0.6	100.0	100.0
28,688-38,250	54.7	4.9	100.0	15.9	0.0	100.0	29.4	3.5	100.0	100.0
38,251-47,812	56.0	0.0	100.0	13.4	0.0	100.0	30.6	1.4	100.0	100.0
47,813-57,375	65.7	1.4	100.0	15.4	0.0	87.3	18.9	2.1	98.6	100.0
57,376 +	79.5	0.3	100.0	13.3	0.0	100.0	7.3	0.0	100.0	100.0
Total	74.2	0.0	100.0	13.6	0.0	100.0	12.2	0.0	100.0	100.0
Sizes 1972:										
1-9,562	35.5	0.2	100.0	17.3	0.7	100.0	47.2	0.4	100.0	100.0
9,563-19,125	42.6	5.0	100.0	17.3	0.1	100.0	40.1	2.0	100.0	100.0
19,126-28,687	63.6	0.2	100.0	12.2	0.0	100.0	24.1	0.8	96.0	100.0
28,688-38,250	44.8	1.6	100.0	13.2	0.1	100.0	42.0	1.0	100.0	100.0
38,251-47,812	54.0	0.0	100.0	15.5	0.0	59.3	39.6	4.3	100.0	100.0
47,813-57,375	56.7	19.7	100.0	14.3	2.9	76.3	29.1	0.0	100.0	100.0
57,376 +	74.4	0.1	100.0	17.5	0.2	100.0	8.1	0.0	100.0	100.0
Total	68.1	0.0	100.0	16.9	0.0	100.0	15.0	0.0	100.0	100.0

\*Data withheld to avoid disclosure of individual operations.

Table 31--Steers, heifers, or both: Percent obtained from various sources

Kind of plant, region; year, and U.S. annual slaughter sizes	Source of slaughter animals									
	Direct			Terminal			Auction			Total
	Per- cent	Range in percent: Low : High :	Percent	Per- cent	Range in percent: Low : High :	Percent	Per- cent	Range in percent: Low : High :	Percent	
MOSTLY STEERS AND HEIFERS:										
1/										
Northeast:										
1970	*	*	*	*	*	*	*	*	*	*
1972	0.0	0.0	0.0	54.7	52.8	75.2	45.3	24.8	47.2	100.0
Southeast:										
1970	*	*	*	*	*	*	*	*	*	*
1972	90.7	90.2	91.0	0.0	0.0	0.0	9.3	9.0	9.8	100.0
North Central:										
1970	79.7	0.0	100.0	15.3	0.1	100.0	5.0	0.0	100.0	100.0
1972	72.5	3.9	100.0	24.1	2.8	100.0	3.4	0.0	75.0	100.0
Mountain and Plains:										
1970	88.3	9.9	100.0	10.7	0.0	100.0	1.0	0.0	50.5	100.0
1972	83.0	20.4	100.0	15.6	0.2	100.0	1.4	0.5	14.3	100.0
Southwest:										
1970	99.8	97.0	100.0	0.0	0.0	0.8	0.1	0.0	2.3	100.0
1972	92.3	87.0	100.0	0.7	0.0	22.0	7.0	0.0	100.0	100.0
Pacific and Northwest:										
1970	97.3	0.0	100.0	0.0	0.0	0.0	2.7	0.0	100.0	100.0
1972	96.8	54.6	100.0	0.0	0.0	0.4	3.2	0.0	45.0	100.0
United States sizes 1970:										
1-9,562	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0
9,563-19,125	71.0	33.3	100.0	15.1	0.0	65.5	13.9	0.0	41.1	100.0
19,126-28,687	76.0	0.0	100.0	24.0	0.0	100.0	0.0	0.0	0.0	100.0
28,688-38,250	52.1	28.2	100.0	37.6	0.0	100.0	10.3	0.0	46.1	100.0
38,251-47,812	64.5	0.0	100.0	17.2	0.0	100.0	16.3	0.0	100.0	100.0
47,813-57,375	69.3	0.0	100.0	30.3	0.0	100.0	0.3	0.0	1.8	100.0
57,376 +	89.2	9.9	100.0	9.0	0.0	85.0	1.8	0.0	75.0	100.0
Total	87.4	0.0	100.0	10.2	0.0	100.0	2.4	0.0	100.0	100.0
Sizes 1972:										
1-9,562	5.2	0.0	17.9	91.6	75.2	100.0	3.2	0.0	24.8	100.0
9,563-19,125	76.0	34.8	100.0	11.9	0.0	55.4	12.1	3.7	38.3	100.0
19,126-28,687	64.6	6.8	100.0	24.4	0.0	100.0	11.0	0.0	75.0	100.0
28,688-38,250	48.2	0.0	98.5	33.4	0.0	100.0	18.4	1.5	57.0	100.0
38,251-47,812	87.0	55.0	100.0	7.4	0.0	25.7	5.6	0.0	19.4	100.0
47,813-57,375	75.0	20.4	100.0	24.2	0.0	75.4	0.9	0.0	4.2	100.0
57,376 +	84.3	3.9	100.0	13.2	0.0	96.0	2.6	0.0	100.0	100.0
Total	82.6	0.0	100.0	14.3	0.0	100.0	3.1	0.0	100.0	100.0
STEERS OR HEIFERS OR BOTH; PLUS OTHER LIVESTOCK:										
Northeast:										
1970	*	*	*	*	*	*	*	*	*	*
1972	13.2	0.0	100.0	65.3	4.9	100.0	21.5	0.0	100.0	100.0
Southeast:										
1970	*	*	*	*	*	*	*	*	*	*
1972	56.8	0.2	100.0	15.5	5.2	100.0	27.7	0.0	100.0	100.0

See footnotes at end of table.

Continued

Table 31--Steers, heifers, or both: Percent obtained from various sources--Continued

Kind of plant, region, year, and U.S. annual slaughter sizes	Source of slaughter animals									Total
	Direct			Terminal			Auction			
	Per- cent	Range in percent		Per- cent	Range in percent		Per- cent	Range in percent		
	Low	High	Low	High	Low	High	Low	High		
STEERS OR HEIFERS OR BOTH PLUS OTHER LIVESTOCK: CONT'D										
North Central:										
1970	66.6	0.5	100.0	23.7	1.6	100.0	9.7	0.6	83.2	100.0
1972	63.4	0.1	100.0	26.8	0.8	100.0	9.8	0.0	100.0	100.0
Mountains and Plains:										
1970	91.1	0.5	100.0	6.3	0.0	45.2	2.5	0.2	100.0	100.0
1972	79.2	0.0	100.0	15.5	0.0	100.0	5.3	0.2	100.0	100.0
Southwest:										
1970	89.8	8.3	100.0	1.1	0.0	39.1	9.1	0.0	100.0	100.0
1972	85.5	3.6	100.0	3.3	0.0	31.5	11.2	0.5	96.4	100.0
Pacific and Northwest:										
1970	88.9	3.8	100.0	1.7	0.0	32.5	9.4	0.1	100.0	100.0
1972	88.7	4.1	100.0	1.2	0.0	48.1	10.1	0.0	100.0	100.0
United States sizes 1970:										
1-9,562	57.7	0.4	100.0	17.2	0.1	100.0	25.1	0.2	100.0	100.0
9,563-19,125	66.4	0.5	100.0	13.8	0.0	100.0	19.8	0.0	100.0	100.0
19,126-28,687	81.6	18.0	100.0	3.7	0.7	28.6	14.8	0.1	82.0	100.0
28,688-38,250	71.6	21.9	100.0	14.6	0.0	78.1	13.8	2.2	50.6	100.0
38,251-47,812	91.9	41.8	100.0	5.5	0.0	56.3	2.6	0.0	23.7	100.0
47,813-57,375	70.0	44.6	100.0	16.1	0.0	35.4	13.9	0.0	26.0	100.0
57,376 +	78.3	0.6	100.0	16.2	0.4	100.0	5.5	0.2	85.0	100.0
Total	77.1	0.4	100.0	14.6	0.0	100.0	8.3	0.0	100.0	100.0
Sizes 1972:										
1-9,562	44.6	0.2	100.0	9.9	1.4	100.0	45.6	0.4	100.0	100.0
9,563-19,125	67.1	1.1	100.0	13.7	0.0	100.0	19.2	0.5	93.9	100.0
19,126-28,687	74.1	0.0	100.0	5.4	0.0	53.8	20.5	0.1	100.0	100.0
28,688-38,250	53.7	4.8	100.0	35.3	0.1	95.2	10.9	0.0	37.9	100.0
38,251-47,812	70.0	3.1	100.0	18.8	0.0	95.8	11.2	1.1	38.1	100.0
47,813-57,375	59.2	0.0	100.0	27.7	0.0	100.0	13.2	0.0	70.0	100.0
57,376 +	75.5	0.1	100.0	20.0	0.8	100.0	4.5	0.0	55.7	100.0
Total	69.8	0.0	100.0	18.4	0.0	100.0	11.8	0.0	100.0	100.0
TOTAL STEERS OR HEIFERS OR BOTH PLANTS:										
Northeast:										
1970	26.6	0.0	100.0	57.6	0.0	100.0	15.8	0.0	100.0	100.0
1972	11.8	0.0	100.0	64.2	4.9	100.0	23.9	1.1	100.0	100.0
Southeast:										
1970	68.2	0.4	100.0	20.0	4.3	99.6	11.8	0.1	100.0	100.0
1972	58.7	0.2	100.0	14.6	5.2	100.0	26.7	0.4	100.0	100.0
North Central:										
1970	73.5	0.5	100.0	19.3	0.1	100.0	7.2	0.6	100.0	100.0
1972	68.1	0.1	100.0	25.4	0.8	100.0	6.4	0.0	100.0	100.0
Mountain and Plains:										
1970	88.9	0.5	100.0	9.7	0.0	100.0	1.4	0.0	100.0	100.0
1972	82.1	0.0	100.0	15.6	0.0	100.0	2.3	0.2	100.0	100.0

See footnotes at end of table.

Continued



Table 31--Steers, heifers, or both: Percent obtained from various sources--Continued

Kind of plant, region, year, and U.S. annual slaughter sizes	Source of Slaughter Animals									
	Direct			Terminal			Auction			Total
	Per- cent	Range in percent : Low : High		Per- cent	Range in percent : Low : High		Per- cent	Range in percent : Low : High		
TOTAL STEERS OR HEIFERS OR BOTH PLANTS: CONT'D	Percent									
Southwest:										
1970	95.0	8.3	100.0	0.6	0.0	39.1	4.4	0.0	100.0	100.0
1972	89.9	3.6	100.0	1.6	0.0	31.5	8.4	0.0	100.0	100.0
Pacific and Northwest:										
1970	92.7	3.8	100.0	0.9	0.0	32.5	6.4	0.1	100.0	100.0
1972	92.6	4.1	100.0	0.6	0.0	48.1	6.7	0.0	100.0	100.0
United States sizes 1970:										
1-9,562	54.2	0.4	100.0	16.2	0.1	100.0	29.5	0.2	100.0	100.0
9,563-19,125	66.8	0.5	100.0	14.0	0.0	100.0	19.3	0.0	100.0	100.0
19,126-28,687	80.5	18.0	100.0	7.7	0.7	100.0	11.9	0.1	82.0	100.0
28,688-38,250	66.1	21.9	100.0	21.1	0.0	100.0	12.8	0.0	50.6	100.0
38,251-47,812	86.0	41.8	100.0	8.1	0.0	100.0	6.0	0.0	100.0	100.0
47,813-57,375	69.6	0.0	100.0	24.3	0.0	100.0	6.1	0.0	26.0	100.0
57,376 +	85.5	0.6	100.0	11.5	0.0	100.0	3.1	0.0	85.0	100.0
Total	83.1	0.0	100.0	12.0	0.0	100.0	4.8	0.0	100.0	100.0
Sizes 1972:										
1-9,562	43.0	0.2	100.0	13.1	1.4	100.0	43.9	0.4	100.0	100.0
9,563-19,125	68.1	1.1	100.0	13.5	0.0	100.0	18.4	0.5	93.9	100.0
19,126-28,687	72.2	0.0	100.0	9.2	0.0	100.0	18.6	0.1	100.0	100.0
28,688-38,250	50.5	0.0	100.0	34.2	0.1	100.0	15.3	1.5	57.0	100.0
38,251-47,812	73.7	3.1	100.0	16.3	0.0	95.8	10.0	1.1	38.1	100.0
47,813-57,375	63.7	0.0	100.0	26.6	0.0	100.0	9.6	0.0	70.0	100.0
57,376 +	81.4	0.1	100.0	15.4	0.2	100.0	3.2	0.0	100.0	100.0
Total	77.2	0.0	100.0	16.0	0.0	100.0	6.8	0.0	100.0	100.0

\*Data withheld to avoid disclosing individual operations.

1/ 90 percent or more of the cattle slaughtered were steers and heifers.

Table 32--Cows, bulls, or both: Percent obtained from various sources

Kind of plant, region, year, and U.S. annual slaughter sizes	Source of slaughter animals									Total
	Direct			Terminal			Auction			
	Per- cent	Range in percent		Per- cent	Range in percent		Per- cent	Range in percent		
		Low	High		Low	High		Low	High	
<b>MOSTLY COWS OR BULLS OR BOTH 1/:</b>										
<b>Northeast</b>										
1970	*	*	*	*	*	*	*	*	*	*
1972	39.5	0.0	52.1	7.5	0.0	39.1	53.0	47.9	100.0	100.0
<b>Southeast:</b>										
1970	41.3	0.0	100.0	4.5	0.0	7.2	54.2	0.0	100.0	100.0
1972	15.4	0.0	30.0	7.8	5.1	25.0	76.9	60.0	85.2	100.0
<b>North Central:</b>										
1970	15.0	0.0	38.0	45.2	8.0	80.9	39.8	2.3	83.5	100.0
1972	13.2	0.0	40.0	43.7	0.0	97.4	43.1	2.1	100.0	100.0
<b>Mountain and Plains:</b>										
1970	47.0	0.0	100.0	6.6	0.0	18.9	46.3	0.0	100.0	100.0
1972	*	*	*	*	*	*	*	*	*	*
<b>Southwest:</b>										
1970	46.0	2.5	100.0	6.3	0.0	26.6	47.6	52.9	97.5	100.0
1972	63.1	2.3	100.0	0.8	0.0	12.8	36.1	0.0	100.0	100.0
<b>Pacific and Northwest:</b>										
1970	*	*	*	*	*	*	*	*	*	*
1972	*	*	*	*	*	*	*	*	*	*
<b>United States sizes 1970:</b>										
1-9,562	80.6	6.3	100.0	5.7	0.0	29.9	13.8	0.0	70.1	100.0
9,563-19,125	22.3	0.0	90.5	12.9	0.0	39.5	64.9	0.0	100.0	100.0
19,126-28,687	18.9	6.0	42.5	20.3	0.0	59.0	60.8	3.0	77.2	100.0
28,688-38,250	18.1	0.0	47.1	0.0	0.0	0.0	81.9	52.9	100.0	100.0
38,251-47,812	*	*	*	*	*	*	*	*	*	*
47,813-57,375	*	*	*	*	*	*	*	*	*	*
57,376 +	35.8	8.4	100.0	26.5	7.2	80.9	37.7	2.3	83.5	100.0
Total	33.5	0.0	100.0	19.5	0.0	80.9	47.0	0.0	100.0	100.0
<b>Sizes 1972:</b>										
1-9,562	2.2	0.0	10.2	19.8	0.0	39.1	78.0	60.9	100.0	100.0
9,563-19,125	17.5	5.4	50.6	26.2	0.0	67.6	56.4	4.6	90.2	100.0
19,126-28,687	37.4	0.5	52.1	19.7	0.0	97.4	42.9	2.1	60.0	100.0
28,688-38,250	8.0	2.3	17.2	1.0	0.0	2.4	90.9	82.8	100.0	100.0
38,251-47,812	6.1	0.0	9.7	23.9	5.1	55.2	70.0	44.8	85.2	100.0
47,813-57,375	*	*	*	*	*	*	*	*	*	*
57,376 +	35.1	0.5	100.0	34.3	0.0	93.9	30.7	0.0	83.9	100.0
Total	26.8	0.0	100.0	26.6	0.0	97.4	46.6	0.0	100.0	100.0
<b>COWS OR BULLS OR BOTH SLAUGHTER PLUS OTHER LIVESTOCK:</b>										
<b>Northeast:</b>										
1970	*	*	*	*	*	*	*	*	*	*
1972	38.5	0.0	100.0	8.4	4.8	56.0	53.1	10.4	100.0	100.0
<b>Southeast:</b>										
1970	39.0	1.1	100.0	10.4	0.0	100.0	50.6	2.6	100.0	100.0
1972	42.8	0.2	100.0	6.3	0.0	100.0	50.9	1.0	100.0	100.0
<b>North Central:</b>										
1970	58.8	4.2	100.0	29.2	0.0	100.0	12.0	0.2	100.0	100.0
1972	56.6	1.0	100.0	27.1	0.1	100.0	16.2	0.1	100.0	100.0
<b>Mountain and Plains:</b>										
1970	53.0	0.3	100.0	7.4	0.4	96.8	39.6	2.6	100.0	100.0
1972	*	*	*	*	*	*	*	*	*	*
<b>Southwest:</b>										
1970	21.9	3.0	100.0	16.3	0.0	83.1	61.8	2.7	100.0	100.0
1972	26.0	1.5	100.0	11.5	0.0	89.6	62.4	13.5	100.0	100.0

See footnotes at end of table.

Continued

Table 32--Cows, bulls, or both: Percent obtained from various sources--Continued

Kind of plant, region, year, and U.S. annual slaughter sizes	Source of slaughter animals									Total
	Direct			Terminal			Auction			
	Per- cent	Range in percent		Per- cent	Range in percent		Per- cent	Range in percent		
		Low	High		Low	High		Low	High	
COWS OR BULLS OR BOTH SLAUGHTER PLUS OTHER LIVESTOCK: CONT'D										
Pacific and Northwest:										
1970	*	*	*	*	*	*	*	*	*	*
1972	*	*	*	*	*	*	*	*	*	*
United States sizes 1970:										
1-9,562	39.4	0.3	100.0	14.1	0.0	100.0	46.5	2.7	100.0	100.0
9,563-19,125	36.5	1.1	100.0	18.7	1.0	98.9	44.8	0.2	100.0	100.0
19,126-28,287	37.1	4.4	100.0	8.7	0.4	33.2	54.2	17.4	100.0	100.0
28,288-38,250	58.2	23.1	100.0	0.7	0.0	2.7	41.0	0.0	76.9	100.0
38,251-47,812	36.4	3.0	97.4	5.3	1.1	27.3	58.4	2.6	87.3	100.0
47,813-57,375	*	*	*	*	*	*	*	*	*	*
57,376 +	62.0	19.5	99.0	28.7	1.0	80.5	9.3	2.7	23.4	100.0
Total	43.5	0.3	100.0	15.1	0.0	100.0	41.4	0.0	100.0	100.0
Sizes 1972:										
1-9,562	35.0	0.2	100.0	12.3	0.0	100.0	52.7	0.7	100.0	100.0
9,563-19,125	32.8	5.0	100.0	9.9	0.1	89.6	57.3	1.8	100.0	100.0
19,126-28,687	45.7	4.0	100.0	10.6	1.9	100.0	43.7	0.8	96.0	100.0
28,688-38,250	19.5	1.6	100.0	17.9	3.3	71.0	62.6	1.0	100.0	100.0
38,251-47,812	38.6	0.0	96.0	10.4	0.0	42.6	50.9	0.0	100.0	100.0
47,813-57,375	*	*	*	*	*	*	*	*	*	*
57,376 +	62.0	18.7	98.1	26.9	11.6	81.2	11.0	0.1	29.2	100.0
Total	38.4	0.0	100.0	14.3	0.0	100.0	47.3	0.0	100.0	100.0
TOTAL COWS OR BULLS OR BOTH PLANTS:										
Northeast:										
1970	42.0	0.3	100.0	12.9	0.0	100.0	45.1	0.0	100.0	100.0
1972	38.6	0.0	100.0	8.3	4.8	96.0	53.1	10.4	100.0	100.0
Southeast:										
1970	39.5	1.1	100.0	9.1	0.0	100.0	51.4	2.6	100.0	100.0
1972	36.1	0.2	100.0	6.7	1.9	100.0	57.3	1.0	100.0	100.0
North Central:										
1970	41.8	0.0	100.0	35.4	0.0	100.0	22.8	0.2	100.0	100.0
1972	41.6	0.5	100.0	32.9	0.1	100.0	25.5	0.1	100.0	100.0
Mountain and Plains:										
1970	50.1	0.0	100.0	7.0	0.0	96.8	42.9	2.6	100.0	100.0
1972	24.4	5.5	100.0	37.8	0.5	100.0	37.8	0.8	100.0	100.0
Southwest:										
1970	33.1	2.5	100.0	11.7	0.0	83.1	55.2	2.7	100.0	100.0
1972	40.1	1.5	100.0	7.4	0.0	89.6	52.4	0.0	100.0	100.0
Pacific and Northwest:										
1970	38.0	1.7	100.0	3.5	0.6	94.0	58.6	3.2	100.0	100.0
1972	25.0	0.0	100.0	5.6	0.0	66.7	69.4	4.1	100.0	100.0
United States sizes 1970:										
1-9,562	44.6	0.3	100.0	13.0	0.0	100.0	42.3	2.7	100.0	100.0
9,563-19,125	33.1	1.1	100.0	17.3	1.0	98.9	49.6	0.2	100.0	100.0
19,126-28,687	33.0	4.4	100.0	11.3	0.4	59.0	55.7	3.0	100.0	100.0
28,688-38,250	43.2	0.0	100.0	0.5	0.0	2.7	56.4	0.0	100.0	100.0
38,251-47,812	33.7	3.0	97.4	9.6	1.1	32.9	56.6	2.6	87.3	100.0
47,813-57,375	41.6	0.0	66.9	21.4	0.0	56.6	37.0	33.1	43.4	100.0
57,376 +	49.1	8.4	100.0	27.6	1.0	80.9	23.2	2.3	83.5	100.0
Total	40.5	0.0	100.0	16.4	0.0	100.0	43.1	0.0	100.0	100.0
Sizes 1972:										
1-9,562	33.4	0.2	100.0	12.6	0.5	100.0	53.9	0.7	100.0	100.0
9,563-19,125	30.6	5.0	100.0	12.2	0.1	89.6	57.2	1.8	100.0	100.0
19,126-28,687	44.1	0.5	100.0	12.3	1.9	100.0	43.5	0.8	96.0	100.0
28,688-38,250	17.2	1.6	100.0	14.6	1.1	71.0	68.2	1.0	100.0	100.0
38,251-47,812	29.6	0.0	96.0	14.2	0.0	55.2	56.2	4.0	100.0	100.0
47,813-57,375	*	*	*	*	*	*	*	*	*	*
57,376 +	47.0	0.5	100.0	31.0	0.0	93.9	21.9	0.0	83.9	100.0
Total	35.5	0.0	100.0	17.3	0.0	100.0	47.2	0.0	100.0	100.0

\*Data withheld to avoid disclosing individual operations.

1/ 90 percent or more of the cattle slaughtered were cows and bulls.

Table 33--Calves: Percent obtained from various sources

Region, year, and annual slaughter sizes	Source of slaughter animals									
	Direct			Terminal			Auction			Total
	Per-	Range of percent		Per-	Range of percent		Per-	Range of percent		Percent
	cent	Low	High	cent	Low	High	cent	Low	High	
<u>Percent</u>										
Northeast sizes 1970:										
1-1,912	64.0	34.4	100.0	1.5	8.4	8.4	34.5	54.2	100.0	100.0
1,913-57,374	33.6	1.8	100.0	4.5	0.7	100.0	61.9	0.2	100.0	100.0
57,375 +	35.3	2.0	98.0	0.5	2.0	2.0	64.3	29.6	98.0	100.0
Total	34.5	1.8	100.0	2.6	0.7	100.0	62.9	0.2	100.0	100.0
Sizes 1972:										
1-1,912	17.8	0.2	100.0	5.3	19.8	100.0	76.9	19.9	100.0	100.0
1,913-57,374	32.0	0.5	100.0	3.2	1.4	96.7	64.8	3.3	100.0	100.0
57,375 +	16.8	1.5	75.0	0.0	0.0	0.0	83.2	25.0	98.5	100.0
Total	24.2	0.2	100.0	1.8	0.0	100.0	74.0	3.3	100.0	100.0
Southeast sizes 1970:										
1-1,912	26.9	1.0	99.6	9.0	5.0	70.4	64.1	0.4	99.0	100.0
1,913-57,374	15.5	2.5	84.9	0.0	0.0	0.0	84.5	15.1	100.0	100.0
57,375 +	0.3	0.0	0.7	7.0	14.7	14.7	92.6	84.6	100.0	100.0
Total	4.1	0.0	99.6	5.8	0.0	70.4	90.1	0.4	100.0	100.0
Sizes 1972:										
1-1,912	47.0	5.8	100.0	24.3	0.4	100.0	28.7	1.2	100.0	100.0
1,913-57,374	34.4	21.4	98.1	1.9	30.0	30.0	63.7	1.9	100.0	100.0
57,375 +	1.2	0.3	2.6	3.8	8.8	8.8	95.0	88.6	99.7	100.0
Total	10.7	0.3	100.0	4.0	0.4	100.0	85.3	1.2	100.0	100.0
North Central sizes 1970:										
1-1,912	53.8	30.4	100.0	36.5	8.4	100.0	9.7	8.8	100.0	100.0
1,913-57,374	18.8	4.5	60.0	16.5	7.6	100.0	64.8	40.0	95.5	100.0
57,375 +	30.4	14.0	63.4	26.2	9.9	42.9	43.5	26.7	54.9	100.0
Total	27.8	4.5	100.0	23.9	7.6	100.0	48.3	8.8	100.0	100.0
Sizes 1972:										
1-1,912	26.7	0.7	100.0	38.8	11.6	100.0	34.5	24.6	100.0	100.0
1,913-57,374	34.9	3.7	100.0	26.7	7.0	100.0	38.4	26.2	96.3	100.0
57,375 +	37.1	14.0	44.7	24.0	20.0	36.6	38.9	33.0	49.4	100.0
Total	35.9	0.7	100.0	25.5	7.0	100.0	38.6	24.6	100.0	100.0
Mountain and Plains sizes 1970:										
1-1,912	22.8	4.9	100.0	0.0	0.0	0.0	77.2	95.1	95.1	100.0
1,913-57,374	*	*	*	*	*	*	*	*	*	*
57,375 +	*	*	*	*	*	*	*	*	*	*
Total	95.8	4.9	100.0	2.4	0.0	2.5	1.3	0.0	95.1	100.0
Sizes 1972:										
1-1,912	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
1,913-57,374	*	*	*	*	*	*	*	*	*	*
57,375 +	*	*	*	*	*	*	*	*	*	*
Total	80.4	80.3	100.0	9.9	0.0	10.0	9.7	0.0	9.8	100.0
Southwest sizes 1970:										
1-1,912	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
1,913-57,374	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
57,375 +	*	*	*	*	*	*	*	*	*	*
Total	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
Sizes 1972:										
1-1,912	87.4	100.0	100.0	1.6	13.0	13.0	11.0	87.0	87.0	100.0
1,913-57,374	*	*	*	*	*	*	*	*	*	*
57,375 +	*	*	*	*	*	*	*	*	*	*
Total	99.0	100.0	100.0	0.1	0.0	13.0	0.8	0.0	87.0	100.0

See explanation at end of table.

Continued

Table 33--Calves: Percent obtained from various sources--Continued

Region, year, and annual slaughter sizes	Source of slaughter animals									
	Direct			Terminal			Auction			Total
	Per-	Range in percent		Per-	Range in percent		Per-	Range in percent		Per-
	cent	Low	High	cent	Low	High	cent	Low	High	cent
Percent										
Pacific and Northwest sizes 1970:										
1-1,912	37.9	13.7	100.0	0.1	5.7	10.6	62.0	15.7	100.0	100.0
1,913-57,374	61.2	2.6	100.0	0.1	0.0	0.7	38.7	25.7	100.0	100.0
57,375 +	*	*	*	*	*	*	*	*	*	*
Total	53.8	2.6	100.0	0.1	0.0	10.6	46.1	15.7	100.0	100.0
Sizes 1972:										
1-1,912	57.2	4.6	100.0	1.8	1.7	90.3	41.0	8.4	100.0	100.0
1,913-57,374	59.2	5.7	100.0	2.3	1.5	82.4	38.5	0.2	100.0	100.0
57,375 +	*	*	*	*	*	*	*	*	*	*
Total	58.8	4.6	100.0	2.2	1.5	90.3	38.9	0.2	100.0	100.0
United States sizes 1970:										
1-1,912	40.2	1.0	100.0	6.6	0.0	100.0	53.2	0.0	100.0	100.0
1,913-57,374	32.8	1.8	100.0	5.8	0.0	100.0	61.4	0.0	100.0	100.0
57,375 +	26.7	0.0	98.0	10.9	2.0	42.9	62.4	26.7	100.0	100.0
Total	29.5	0.0	100.0	8.7	0.0	100.0	61.8	0.0	100.0	100.0
Sizes 1972:										
1-1,912	30.0	0.2	100.0	12.5	0.0	100.0	57.5	0.0	100.0	100.0
1,913-57,374	36.3	0.5	100.0	9.8	0.0	100.0	53.9	0.0	100.0	100.0
57,375 +	21.1	0.3	75.0	9.0	0.0	36.6	69.9	25.0	99.7	100.0
Total	28.5	0.2	100.0	9.5	0.0	100.0	62.0	0.0	100.0	100.0

\*Data withheld to avoid disclosure of individual operations.

Table 34--Sheep: Percent obtained from various sources

Region, year, and annual slaughter sizes	Source of slaughter animals									
	Direct			Terminal			Auction			Total
	Per- cent	Range in percent: Low : High :	Per- cent	Range in percent: Low : High :	Per- cent	Range in percent: Low : High :	Per- cent	Range in percent: Low : High :	Per- cent	Per- cent
Percent										
<b>Northeast sizes 1970:</b>										
1-1,912	13.2	100.0	100.0	0.0	0.0	0.0	86.8	100.0	100.0	100.0
1,913-57,374	0.0	0.0	0.0	66.2	88.3	100.0	33.8	11.7	100.0	100.0
57,375 +	*	*	*	*	*	*	*	*	*	*
Total	56.8	0.0	100.0	20.3	0.0	100.0	22.9	11.7	100.0	100.0
<b>Sizes 1972:</b>										
1-1,912	13.5	15.2	100.0	10.8	50.0	88.4	75.7	11.6	100.0	100.0
1,913-57,374	2.5	20.4	20.4	43.3	3.5	100.0	54.2	28.5	100.0	100.0
57,375 +	60.4	33.3	90.0	19.9	10.0	29.1	19.6	37.7	37.7	100.0
Total	47.9	15.2	100.0	24.2	3.5	100.0	27.9	11.6	100.0	100.0
<b>Southeast sizes 1970:</b>										
1-1,912	99.7	66.7	100.0	0.0	0.0	0.0	0.3	3.7	100.0	100.0
1,913-57,374	2.5	3.5	3.5	54.7	75.8	75.8	42.8	20.7	100.0	100.0
57,375 +	*	*	*	*	*	*	*	*	*	*
Total	7.6	3.5	100.0	60.4	0.0	75.8	32.0	3.7	100.0	100.0
<b>Sizes 1972:</b>										
1-1,912	74.9	50.0	100.0	8.1	14.0	100.0	17.0	9.8	50.0	100.0
1,913-57,374	24.7	100.0	100.0	0.0	0.0	0.0	75.3	100.0	100.0	100.0
57,375 +	*	*	*	*	*	*	*	*	*	*
Total	21.8	16.7	100.0	20.0	0.0	100.0	58.2	9.8	100.0	100.0
<b>North Central sizes 1970:</b>										
1-1,912	83.6	37.2	100.0	0.0	0.0	0.0	16.4	62.8	62.8	100.0
1,913-57,374	32.8	18.0	100.0	67.2	82.0	100.0	0.0	0.0	0.0	100.0
57,375 +	47.1	10.0	81.4	34.3	15.0	62.3	18.7	3.7	79.2	100.0
Total	46.9	10.0	100.0	34.8	0.0	100.0	18.3	0.0	79.2	100.0
<b>Sizes 1972:</b>										
1-1,912	47.1	1.4	100.0	17.3	32.9	100.0	35.6	62.5	100.0	100.0
1,913-57,374	0.5	1.5	1.5	81.2	98.5	100.0	18.3	100.0	100.0	100.0
57,375 +	52.1	17.5	90.8	31.4	5.7	64.4	16.5	3.5	60.0	100.0
Total	50.9	1.4	100.0	32.4	5.7	100.0	16.7	3.5	100.0	100.0
<b>Mountain and Plains sizes 1970:</b>										
1-1,912	85.3	85.3	85.3	0.0	0.0	0.0	14.7	14.7	14.7	100.0
1,913-57,374	*	*	*	*	*	*	*	*	*	*
57,375 +	86.0	49.5	100.0	11.0	0.7	37.5	3.0	0.7	13.3	100.0
Total	86.0	49.5	100.0	11.0	0.0	37.5	3.0	0.7	14.7	100.0
<b>Sizes 1972:</b>										
1-1,912	77.1	25.0	100.0	0.0	0.0	0.0	22.9	75.0	100.0	100.0
1,913-57,374	*	*	*	*	*	*	*	*	*	*
57,375 +	80.9	31.3	100.0	12.5	0.3	41.0	6.7	0.2	27.7	100.0
Total	80.9	25.0	100.0	12.5	0.0	41.0	6.7	0.2	100.0	100.0
<b>Southwest sizes 1970:</b>										
1-1,912	47.0	100.0	100.0	0.0	0.0	0.0	53.0	100.0	100.0	100.0
1,913-57,374	99.2	99.2	99.2	0.0	0.0	0.0	0.8	0.8	0.8	100.0
57,375 +	89.6	85.8	91.9	0.0	0.0	0.0	10.4	8.1	14.2	100.0
Total	89.9	85.8	100.0	0.0	0.0	0.0	10.1	0.8	100.0	100.0

See explanation at end of table.

Continued

Table 34--Sheep: Percent obtained from various sources--Continued

Region, year, and annual slaughter sizes	Source of slaughter animals									
	Direct			Terminal			Auction			Total
	Per- cent	Range in Low : High	per- cent	Range in Low : High	per- cent	Range in Low : High	per- cent	Range in Low : High	per- cent	
Sizes 1972:										
1-1,912										
1,913-57,374	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
57,375 +	5.4	15.4	15.4	1.1	1.6	1.6	93.5	84.6	98.4	100.0
Total	88.3	53.5	90.6	0.4	7.1	7.1	11.3	9.4	39.4	100.0
	79.1	15.4	100.0	0.5	0.0	7.1	20.4	0.0	98.4	100.0
Pacific and Northwest sizes 1970:										
1-1,912										
1,913-57,374	96.2	74.2	100.0	0.0	0.0	0.0	3.8	1.9	25.8	100.0
57,375 +	56.5	0.1	100.0	31.4	9.5	99.9	12.1	0.4	100.0	100.0
Total	94.5	83.0	100.0	0.3	0.7	6.4	5.2	0.8	15.1	100.0
	93.5	0.1	100.0	1.2	0.0	99.9	5.4	0.4	100.0	100.0
Sizes 1972:										
1-1,912										
1,913-57,374	36.7	20.8	100.0	0.0	0.0	0.0	63.3	7.7	100.0	100.0
57,375 +	56.3	5.1	96.0	35.8	4.0	99.5	7.9	0.5	91.7	100.0
Total	95.3	90.0	100.0	0.4	0.7	1.0	4.3	1.2	9.3	100.0
	94.1	5.1	100.0	1.3	0.0	99.5	4.6	1.2	100.0	100.0
United States sizes 1970:										
1-1,912										
1,913-57,374	63.1	37.2	100.0	0.0	0.0	0.0	36.9	1.9	100.0	100.0
57,375 +	22.1	0.0	100.0	50.0	0.0	100.0	27.9	0.0	100.0	100.0
Total	77.9	7.6	100.0	13.0	0.0	65.2	9.1	0.7	79.2	100.0
	75.7	0.0	100.0	14.4	0.0	100.0	9.9	0.0	100.0	100.0
Sizes 1972:										
1-1,912										
1,913-57,374	27.1	1.4	100.0	10.7	0.0	100.0	62.2	0.0	100.0	100.0
57,375 +	12.4	1.5	100.0	34.1	0.0	100.0	53.5	0.5	100.0	100.0
Total	77.8	16.7	100.0	12.5	0.3	64.0	9.7	0.2	60.0	100.0
	74.4	0.0	100.0	13.5	0.0	100.0	12.1	0.0	100.0	100.0

\* Data withheld to avoid disclosure of individual operations.

Table 35--Hogs: Percent obtained from various sources

Kind of plant, region, year, and U.S. annual slaughter, sizes	Source of slaughter animals										Total
	Direct			Terminal			Auction				
	Percent	Range in percent		Percent	Range in percent		Percent	Range in percent			
		Low	High		Low	High		Low	High		
EXCLUSIVELY HOG SLAUGHTER:	Percent										
Northeast:											
1970	85.5	49.1	100.0	9.5	2.1	33.4	5.0	4.6	50.9	100.0	
1972	75.9	6.4	93.5	17.9	6.5	100.0	6.2	0.0	89.5	100.0	
Southeast:											
1970	80.3	35.0	100.0	7.0	0.0	100.0	12.7	1.0	100.0	100.0	
1972	66.7	0.8	100.0	4.4	0.0	99.9	28.9	1.0	96.7	100.0	
North Central:											
1970	71.6	7.0	100.0	17.7	0.1	100.0	10.7	0.0	100.0	100.0	
1972	72.5	5.1	100.0	15.7	0.0	82.0	11.8	0.0	100.0	100.0	
Mountain and Plains:											
1970	45.7	14.8	95.4	16.5	0.0	37.5	37.8	4.6	84.6	100.0	
1972	25.8	0.0	31.9	24.3	0.0	45.1	49.9	22.9	100.0	100.0	
Southwest:											
1970	*	*	*	*	*	*	*	*	*	*	
1972	*	*	*	*	*	*	*	*	*	*	
Pacific and Northwest:											
1970	*	*	*	*	*	*	*	*	*	*	
1972	*	*	*	*	*	*	*	*	*	*	
United States sizes 1970:											
1-143,436	31.3	0.1	100.0	28.2	0.9	100.0	40.5	1.0	100.0	100.0	
143,437-286,874	73.5	35.0	100.0	17.3	0.0	50.7	9.2	4.6	65.0	100.0	
286,875-430,312	52.9	2.8	99.3	15.4	0.3	60.0	31.7	0.4	94.9	100.0	
430,313-573,749	59.7	7.0	100.0	22.2	1.1	93.0	13.1	0.0	54.2	100.0	
573,750-717,187	71.9	26.3	99.6	25.1	0.2	64.8	3.0	0.1	9.0	100.0	
717,188-860,624	68.0	11.2	100.0	11.7	1.4	53.7	20.3	5.2	88.8	100.0	
860,625 +	77.6	28.1	99.9	17.9	0.1	65.6	4.5	0.0	34.4	100.0	
Total	69.7	0.1	100.0	17.8	0.0	100.0	12.5	0.0	100.0	100.0	
Sizes 1972:											
1-143,436	35.7	0.0	100.0	34.1	0.0	100.0	30.3	0.0	100.0	100.0	
143,437-286,874	90.9	40.0	100.0	1.5	0.0	6.5	7.7	0.0	60.0	100.0	
286,875-430,312	50.8	1.2	96.4	13.5	0.1	45.0	35.7	2.3	96.7	100.0	
430,313-573,749	43.9	19.2	85.5	23.9	0.0	80.8	32.2	5.0	100.0	100.0	
573,750-717,187	65.0	25.9	100.0	20.2	0.0	66.3	14.8	5.3	74.1	100.0	
717,188-860,624	57.3	5.1	93.9	24.7	6.1	59.0	18.0	0.2	94.9	100.0	
860,625 +	79.6	17.8	100.0	12.5	0.5	76.3	7.9	0.9	42.4	100.0	
Total	67.7	0.0	100.0	17.3	0.0	100.0	15.0	0.0	100.0	100.0	
HOG SLAUGHTER PLUS OTHER LIVESTOCK:											
Northeast:											
1970	57.5	0.1	100.0	34.8	0.0	100.0	7.7	0.0	100.0	100.0	
1972	57.0	0.3	100.0	23.4	9.0	99.7	19.6	0.0	100.0	100.0	
Southeast:											
1970	64.8	0.2	100.0	9.6	0.0	99.7	25.5	0.2	100.0	100.0	
1972	59.9	0.0	100.0	15.4	1.6	100.0	24.6	0.0	100.0	100.0	
North Central:											
1970	82.3	5.3	100.0	14.6	1.3	82.9	3.0	0.0	100.0	100.0	
1972	79.6	1.1	100.0	15.4	0.7	100.0	5.0	0.1	100.0	100.0	
Mountain and Plains:											
1970	70.5	42.1	100.0	16.0	1.3	40.4	13.5	0.0	100.0	100.0	
1972	70.3	24.5	100.0	17.0	0.1	42.9	12.7	1.5	100.0	100.0	
Southwest:											
1970	*	*	*	*	*	*	*	*	*	*	
1972	*	*	*	*	*	*	*	*	*	*	

See explanation at end of table.

Continued



Table 35--Hogs: Percent from various sources--Continued

Kind of plant, region, year, and U.S. annual slaughter sizes	Source of slaughter animals									
	Direct			Terminal			Auction			Total
	Percent	Range in percent Low High	Percent	Range in percent Low High	Percent	Range in percent Low High	Percent	Range in percent Low High		
Percent										
HOG SLAUGHTER PLUS OTHER LIVESTOCK: CONT'D										
Pacific and Northwest:										
1970	*	*	*	*	*	*	*	*	*	*
1972	*	*	*	*	*	*	*	*	*	*
United States sizes 1970:										
1-143,436	72.9	0.1	100.0	10.2	0.2	100.0	16.9	0.2	100.0	100.0
143,437-286,874	54.5	1.9	100.0	19.9	0.0	74.4	25.6	0.0	98.1	100.0
286,875-430,312	62.0	2.3	92.2	18.6	2.6	82.9	29.3	2.5	95.1	100.0
430,313-573,749	56.7	5.3	100.0	17.6	8.8	54.2	25.6	0.0	85.9	100.0
573,750-717,187	75.7	28.6	95.2	12.2	4.8	19.8	12.1	0.0	62.5	100.0
717,188-860,624	84.1	64.5	97.7	3.2	1.3	4.6	12.8	0.0	31.1	100.0
860,625 +	83.2	47.1	100.0	14.9	4.0	52.9	2.1	0.2	15.2	100.0
Total	74.0	0.1	100.0	14.5	0.0	100.0	11.5	0.0	100.0	100.0
Sizes 1972:										
1-143,436	61.0	0.0	100.0	15.3	0.3	100.0	23.7	0.1	100.0	100.0
143,437-286,874	69.1	7.1	100.0	16.7	4.3	100.0	24.2	0.8	92.9	100.0
286,875-430,312	40.6	2.2	85.1	24.6	2.0	84.4	35.0	0.0	95.8	100.0
430,313-573,749	72.0	28.6	87.3	17.4	3.2	47.8	10.6	0.0	23.6	100.0
573,750-717,187	62.2	23.6	96.6	16.0	11.9	36.7	21.9	3.2	64.3	100.0
717,188-860,624	73.5	71.2	77.2	6.5	0.1	14.3	20.1	13.6	28.6	100.0
860,625 +	81.8	43.7	100.0	16.8	2.5	56.3	1.4	0.2	7.5	100.0
Total	71.3	0.0	100.0	16.6	0.1	100.0	12.1	0.0	100.0	100.0
TOTAL HOG PLANTS:										
Northeast:										
1970	61.8	0.1	100.0	12.8	0.0	100.0	5.3	0.0	100.0	100.0
1972	70.3	0.3	100.0	19.5	6.5	100.0	10.2	0.0	100.0	100.0
Southeast:										
1970	66.9	0.2	100.0	9.3	0.0	100.0	23.8	0.2	100.0	100.0
1972	62.8	0.0	100.0	10.8	1.6	100.0	26.4	0.0	100.0	100.0
North Central:										
1970	76.2	5.3	100.0	16.4	0.1	100.0	7.4	0.1	100.0	100.0
1972	75.6	1.1	100.0	15.6	0.5	100.0	8.8	0.1	100.0	100.0
Mountains and Plains:										
1970	62.6	14.8	100.0	16.2	1.1	40.4	21.2	4.6	100.0	100.0
1972	61.1	7.3	100.0	18.5	0.1	45.1	20.4	1.5	100.0	100.0
Southwest:										
1970	61.6	0.1	100.0	11.7	0.3	100.0	26.7	0.2	100.0	100.0
1972	54.9	0.3	100.0	20.6	0.3	99.7	24.5	3.2	100.0	100.0
Pacific and Northwest:										
1970	39.4	9.6	100.0	53.7	0.2	74.4	6.9	0.0	100.0	100.0
1972	28.6	1.8	100.0	61.4	0.6	98.5	10.0	0.2	100.0	100.0
United States sizes 1970:										
1-143,436	56.0	0.1	100.0	17.5	0.2	100.0	26.5	0.2	100.0	100.0
143,437-286,874	66.1	1.9	100.0	19.2	0.0	74.4	20.8	0.0	98.1	100.0
286,875-430,312	58.3	2.3	99.3	17.3	0.3	82.9	24.4	0.4	95.1	100.0
430,313-573,749	57.8	5.3	100.0	19.3	1.1	93.0	22.9	6.9	85.9	100.0
573,750-717,187	74.3	26.3	99.6	17.1	0.2	64.8	8.7	0.1	62.5	100.0
717,188-860,624	73.2	11.2	100.0	8.9	1.3	53.7	17.8	5.2	89.8	100.0
860,625 +	80.2	28.1	100.0	15.5	0.1	65.6	3.4	0.0	34.4	100.0
Total	71.9	0.1	100.0	16.1	0.0	100.0	12.0	0.0	100.0	100.0
Sizes 1972:										
1-143,436	55.2	0.0	100.0	19.6	0.3	100.0	25.2	0.1	100.0	100.0
143,437-286,874	72.9	7.1	100.0	14.0	4.3	100.0	13.1	0.8	92.9	100.0
286,875-430,312	44.6	1.2	96.4	20.1	0.1	84.4	35.3	0.0	96.7	100.0
430,313-573,749	61.8	19.2	87.3	19.7	3.2	80.8	18.4	0.0	100.0	100.0
573,750-717,187	64.1	23.8	100.0	18.8	6.4	66.3	17.0	3.2	74.1	100.0
717,188-860,624	61.2	5.1	93.9	20.3	0.1	59.0	18.5	0.2	94.9	100.0
860,625 +	80.6	17.8	100.0	14.6	0.5	76.3	4.8	0.2	42.4	100.0
Total	69.5	0.0	100.0	17.0	0.1	100.0	13.5	0.0	100.0	100.0

\*Data withheld to avoid disclosure of individual operations.

Table 36--Hogs: Percent obtained from various sources, with added detail for medium size plants

Kind of plant, year, and U.S. annual slaughter sizes	Source of slaughter animals									
	Direct			Terminal			Auction			Total
	Per- cent	Range in percent Low High		Per- cent	Range in percent Low High		Per- cent	Range in percent Low High		
EXCLUSIVELY HOG SLAUGHTER:	Percent									
Sizes 1970:										
1-47,812	21.0	0.1	100.0	31.6	0.9	100.0	47.4	1.0	100.0	100.0
47,813-95,624	35.7	0.0	97.9	52.2	32.0	90.9	12.1	0.0	41.3	100.0
95,625-143,436	57.8	30.9	100.0	0.0	0.0	0.0	42.2	50.9	69.1	100.0
143,437 +	72.0	2.8	100.0	17.2	0.1	93.0	10.9	0.0	94.5	100.0
Total	69.7	0.0	100.0	17.8	0.0	100.0	12.5	0.0	100.0	100.0
Sizes 1972:										
1-47,812	42.1	0.0	100.0	36.7	0.0	100.0	21.2	0.0	100.0	100.0
47,813-95,624	25.6	0.9	85.0	45.0	0.6	99.1	29.4	0.0	99.4	100.0
95,625-143,436	*	*	*	*	*	*	*	*	*	*
143,437 +	68.6	1.2	100.0	16.8	0.0	80.8	14.6	0.0	100.0	100.0
Total	67.7	0.0	100.0	17.3	0.0	100.0	15.0	0.0	100.0	100.0
HOG SLAUGHTER PLUS OTHER LIVESTOCK:										
Sizes 1970:										
1-47,812	59.1	0.1	100.0	15.0	1.0	100.0	25.9	0.2	100.0	100.0
47,813-95,624	91.8	18.1	100.0	2.5	0.0	71.5	5.7	0.0	34.9	100.0
95,625-143,436	76.3	25.3	100.0	9.7	0.0	74.7	14.0	4.4	27.2	100.0
143,437 +	74.1	1.9	100.0	14.8	0.3	82.9	11.0	0.2	98.1	100.0
Total	74.0	0.1	100.0	14.5	0.0	100.0	11.5	0.0	100.0	100.0
Sizes 1972:										
1-47,812	48.1	0.0	100.0	20.0	0.7	100.0	31.9	0.1	100.0	100.0
47,813-95,624	70.3	0.0	100.0	11.0	0.0	100.0	18.6	1.5	100.0	100.0
95,625-143,436	73.4	46.2	90.1	13.1	0.3	32.6	13.6	0.0	35.9	100.0
143,437 +	72.3	2.2	100.0	16.8	0.1	100.0	10.9	0.0	95.8	100.0
Total	71.3	0.0	100.0	16.6	0.0	100.0	12.1	0.0	100.0	100.0
TOTAL HOG PLANTS:										
Sizes 1970:										
1-47,812	39.9	0.1	100.0	23.4	0.9	100.0	36.7	0.2	100.0	100.0
47,813-95,624	74.3	18.1	100.0	18.0	0.0	90.9	7.7	2.1	41.3	100.0
95,625-143,436	70.6	25.3	100.0	6.7	0.0	74.7	22.7	4.4	69.1	100.0
143,437 +	73.1	1.9	100.0	16.0	0.1	93.0	10.9	0.0	98.1	100.0
Total	71.9	0.1	100.0	16.1	0.0	100.0	12.0	0.0	100.0	100.0
Sizes 1972:										
1-47,812	46.2	0.0	100.0	25.4	0.7	100.0	28.4	0.1	100.0	100.0
47,813-95,624	65.4	0.0	100.0	14.8	0.0	100.0	19.8	1.5	100.0	100.0
95,625-143,436	61.9	10.5	90.1	10.7	0.0	32.6	27.4	0.0	89.5	100.0
143,437 +	70.4	1.2	100.0	16.8	0.1	100.0	12.8	0.0	100.0	100.0
Total	69.5	0.0	100.0	17.0	0.0	100.0	13.5	0.0	100.0	100.0

\*Data withheld to avoid disclosure of individual operations.

Table 37--Hogs: Percent obtained from various sources, with added detail for small plants

Kind of plant, year, and U.S. annual slaughter sizes	Source of slaughter animals									
	Direct			Terminal			Auction			Total
	Percent	Range in percent		Percent	Range in percent		Percent	Range in percent		
		Low	High		Low	High		Low	High	
EXCLUSIVELY HOGS										
Sizes 1970:	Percent									
1-9,562	48.2	0.1	100.0	48.9	47.4	100.0	2.9	0.0	100.0	100.0
9,563-19,124	58.0	0.0	100.0	31.1	0.9	100.0	10.9	0.0	69.8	100.0
19,125-28,689	4.3	0.0	75.4	10.5	14.1	99.0	85.2	1.0	100.0	100.0
28,690-38,249	*	*	*	*	*	*	*	*	*	*
38,250-47,812	0.7	0.0	1.3	91.5	83.6	98.7	7.9	0.0	16.4	100.0
47,813 +	71.4	2.8	100.0	17.3	0.1	93.0	11.3	0.0	94.9	100.0
Total	69.7	0.0	100.0	17.8	0.1	100.0	12.5	0.0	100.0	100.0
Sizes 1972:										
1-9,562	51.6	0.0	100.0	32.4	0.0	100.0	16.0	0.0	100.0	100.0
9,563-19,124	34.3	7.2	100.0	58.0	0.0	82.0	7.7	0.0	10.9	100.0
19,125-28,689	37.0	0.0	87.4	38.5	2.7	99.7	24.6	0.0	100.0	100.0
28,690-38,249	50.2	0.0	100.0	28.1	21.8	46.4	21.6	15.3	55.5	100.0
38,250-47,812	34.2	0.0	68.0	43.0	9.4	99.0	22.9	0.0	90.6	100.0
47,813 +	68.2	0.9	100.0	16.9	0.1	99.1	14.9	0.0	100.0	100.0
Total	67.7	0.0	100.0	17.3	0.0	100.0	15.0	0.0	100.0	100.0
HOG SLAUGHTER PLUS OTHER LIVESTOCK										
Sizes 1970:										
1-9,562	49.6	0.2	100.0	6.9	0.0	100.0	43.5	0.2	100.0	100.0
9,563-19,124	45.7	0.5	100.0	18.1	0.0	99.5	33.2	2.6	93.1	100.0
19,125-28,689	52.5	0.0	90.0	20.7	0.0	99.7	26.8	0.0	71.2	100.0
28,690-38,249	53.0	37.6	100.0	11.1	0.0	28.0	35.9	12.4	85.4	100.0
38,250-47,812	74.5	0.1	100.0	15.5	0.0	99.9	10.0	0.0	100.0	100.0
47,813 +	74.5	1.9	100.0	14.5	0.2	82.9	11.0	0.2	98.1	100.0
Total	74.0	0.0	100.0	14.5	0.0	100.0	11.5	0.0	100.0	100.0
Sizes 1972:										
1-9,562	40.6	1.1	100.0	11.6	0.0	100.0	47.8	0.2	100.0	100.0
9,563-19,124	42.9	0.3	100.0	24.5	7.4	100.0	32.6	0.0	100.0	100.0
19,125-28,689	54.0	15.7	100.0	13.0	1.6	92.7	33.0	6.4	100.0	100.0
28,690-38,249	51.2	0.0	99.2	35.2	0.0	100.0	13.6	0.1	74.6	100.0
38,250-47,812	*	*	*	*	*	*	*	*	*	*
47,813 +	72.3	1.8	100.0	16.5	0.1	100.0	11.3	0.0	100.0	100.0
Total	71.3	0.0	100.0	16.6	0.0	100.0	12.1	0.0	100.0	100.0
TOTAL HOG PLANTS										
Sizes 1970:										
1-9,562	48.6	0.1	100.0	38.4	0.0	100.0	13.1	0.2	100.0	100.0
9,563-19,124	50.9	0.5	100.0	21.2	0.0	100.0	27.9	1.8	93.1	100.0
19,125-28,689	15.1	0.0	90.0	12.8	0.0	99.7	72.1	0.0	100.0	100.0
28,690-38,249	44.3	13.3	100.0	14.4	0.0	71.4	41.3	12.4	85.4	100.0
38,250-47,812	59.5	0.1	100.0	31.0	0.0	99.9	9.5	0.0	100.0	100.0
47,813 +	73.0	1.9	100.0	15.8	0.1	93.0	11.1	0.0	98.1	100.0
Total	71.9	0.0	100.0	16.1	0.0	100.0	12.0	0.0	100.0	100.0
Sizes 1972:										
1-9,562	42.3	0.3	100.0	14.9	0.0	100.0	42.8	0.2	100.0	100.0
9,563-19,124	41.6	0.3	100.0	29.5	7.4	100.0	28.9	10.0	100.0	100.0
19,125-28,689	48.3	0.3	100.0	21.5	1.6	99.7	30.2	6.4	100.0	100.0
28,690-38,249	50.8	0.0	100.0	32.3	0.0	100.0	16.9	0.1	74.6	100.0
38,250-47,812	40.4	0.0	68.0	33.3	0.0	99.0	26.3	0.0	90.6	100.0
47,813 +	70.2	0.9	100.0	16.7	0.1	100.0	13.1	0.0	100.0	100.0
Total	69.5	0.0	100.0	17.0	0.0	100.0	13.5	0.0	100.0	100.0

\*Data withheld to avoid disclosure of individual operations.

Table 38--Number of federally inspected plants slaughtering various combinations of livestock

Species and year	Regions						
	Northeast	Southeast	North Central	Mountain and Plains	Southwest	Pacific and Northwest	United States
	Number of plants						
Cattle:							
1970	8	14	73	62	27	37	221
1972	72	15	98	67	34	34	320
1973	52	20	85	53	38	38	286
Calves:							
1970	*		*				4
1972	3		3				6
1973	*		*				8
Sheep:							
1970	*	*	*	*	3	3	10
1972	4	*	*		6	4	16
1973	3	*	*	0	7	*	15
Hogs:							
1970	8	22	54	9	*	*	100
1972	15	38	63	14	*	*	142
1973	25	36	62	13	*	*	147
Cattle and calves:							
1970	13	*	13		*	18	54
1972	44	8	11	*	*	17	84
1973	23	7	10	5	5	17	67
Cattle and sheep:							
1970	*			5	*	5	14
1972	3	*	3	8	*	7	23
1973	7	*	4	7	*	7	27
Cattle and goats:							
1970			*		*		*
1972	*				*		*
1973				*	*		*
Cattle and hogs:							
1970	*	39	25	33	23	*	127
1972	66	54	105	66	21	8	320
1973	59	52	67	26	21	10	235
Calves and sheep:							
1970	*		*				7
1972	*		*				6
1973	4		3				7
Calves and hogs:							
1970	*	*	*				4
1972	*		*				4
1973							
Sheep and goats:							
1970		*	*		*		3
1972			*		*		5
1973			*		*		5
Sheep and hogs:							
1970			*		*		4
1972	3	*	*		*	*	7
1973	*		4		*	*	7
Goats and hogs:							
1970					*		*
1972	*						*
1973							

See explanation at end of table.

Continued

Table 38--Number of federally inspected plants slaughtering various combinations of livestock--Continued

Species and year	Region					
	Northeast	Southeast	North Central	Mountain and Plains	Southwest	Pacific and United States
Cattle, calves, and sheep:				Number of plants		
1970	20	4	4			13
1972	21	3	6			11
1973	19	3	4			7
Cattle, calves, and goats:						
1970						*
1972						*
1973						*
Cattle, calves, and hogs:						
1970	4	12	6	5	4	3
1972	34	17	7	3	3	7
1973	32	9	15	*		*
Cattle, sheep, and goats:						
1970					3	3
1972					*	*
1973					*	*
Cattle, hogs, and sheep:						
1970		4	7	19	17	8
1972	22	10	44	62	12	21
1973	29	14	30	44	10	16
Cattle, hogs, and goats:						
1970		*		*	*	3
1972	*		10	*	*	14
1973		*	*			4
Calves, sheep, and goats:						
1970	*		*			*
1972	*		*			3
1973			4			4
Calves, sheep, and hogs:						
1970	*	*				*
1972	*					*
1973						
Sheep, goats, and hogs:						
1970					*	*
1972					*	*
1973						
Cattle, calves, sheep, and hogs:						
1970	8	11	9	8	3	19
1972	115	15	16	12	4	36
1973	143	12	13	*	*	36
Cattle, calves, sheep, and goats:						
1970	8	*	*			10
1972	10		*		*	13
1973	12					3
Cattle, calves, hogs, and goats:						
1970		*				*
1972		*				*
1973	*		3		*	*

See explanation at end of table.

Continued

Table 38--Number of federally inspected plants slaughtering various combinations of livestock--Continued

Species and year	Region						
	Northeast	Southeast	North Central	Mountain and Plains	South- west	Pacific and Northwest	United States
	<u>Number of plants</u>						
Cattle, hogs, sheep, and goats:							
1970		*		*	12		17
1972	*		11	*	9	11	35
1973	*	*	21	5	8	17	56
Calves, sheep, goats, and hogs:							
1970			*				*
1972	*		*				4
1973							
Cattle, calves, sheep, goats, and hogs:							
1970	8	*	*		3	14	27
1972	29	3	5	*	*	12	53
1973	60	*	9	3	*	31	108
Total:							
1970	88	124	208	147	113	127	807
1972	459	168	393	241	112	174	1,547
1973	447	164	341	167	110	191	1,450

\*Data withheld to avoid disclosure of individual operations.

Table 39--Number of federally inspected plants performing various slaughter operations, 1972

Kind of plant, and size of annual slaughter:	Operation											
	A**	B**	C**	D**	E**	F**	G**	H**	I**	J**	K**	U.S. Total
CATTLE PLANTS:												
Exclusively:												
1-57,375	41	47	32	3	4	43	*	*	11	3	12	196
57,376 +	21	18	11	*	18	12	*	*	5	8	11	108
Plus other livestock:												
1-57,375	89	255	71	6	8	169	42	*	79	10	67	796
57,376 +	4	5	7	*	3	6	*	*	*	3	28	59
Total:												
1-57,375	130	302	103	*	12	212	42	*	90	13	79	992
57,376 +	25	23	18	*	21	18	3	*	6	11	39	167
Total	155	325	121	11	33	230	45	*	96	24	118	1,159
CALF PLANTS:												
Total:												
1-1,913	23	68	21	*	*	52	6	*	11	4	14	201
1,913 +	19	11	28	*	*	15	*	*	*	3	8	85
Total	42	79	49	*	3	67	6	*	11	7	22	286
SHEEP PLANTS:												
Exclusively:												
1-1,912	3	*	*	*	*	*	*	*	*	*	*	3
1,913 +	5	*	3	*	*	*	*	*	*	*	*	10
Plus other livestock:												
1-1,912	40	98	30	*	*	89	12	*	39	*	9	319
1,913 +	9	11	11	*	*	12	3	*	*	*	7	55
Total:												
1-1,912	43	98	30	*	*	89	12	*	39	*	9	322
1,913 +	14	11	14	*	*	12	4	*	*	*	8	65
Total	57	109	44	*	*	101	16	*	39	3	17	387
HOG PLANTS:												
Exclusively:												
1-143,436	*	31	4	*	*	5	5	*	6	*	4	59
143,437 +	*	10	*	4	5	6	*	*	4	*	25	60
Plus other livestock:												
1-143,436	58	178	31	*	*	125	33	*	67	5	20	520
143,437 +	*	7	*	*	*	5	*	*	*	*	41	61
Total:												
1-143,436	*	209	35	*	*	130	38	*	73	*	24	579
143,437 +	*	17	4	*	*	11	3	*	5	*	66	121
Total	62	226	39	6	9	141	41	*	78	8	90	700

\*Data withheld to avoid disclosing individual operations. A\*\*=Slaughter only. B\*\*=Slaughter and processing. C\*\*=Slaughter and boning. D\*\*=Slaughter and edible fats rendering. E\*\*=Slaughter, processing, and inedible fats rendering. F\*\*=Slaughter, processing, and boning. G\*\*=Slaughter, processing, and edible fats rendering. H\*\*=Slaughter, processing, and inedible fats rendering. I\*\*=Slaughter, processing, boning, and edible fats rendering. J\*\*=Slaughter, processing, boning, and inedible fats rendering. K\*\*=Slaughter, processing, boning, edible and inedible fats rendering.

## APPENDIX

The Economic Research Service last published data on number and sizes of slaughter plants in 1966. Sizes and regions have been changed in this effort from the earlier publication. In this section, data for recent years are presented using the same size categories used in the earlier publication to allow comparison with earlier data. Size classes in the earlier publication were established so that the range of each successively larger class is twice that of the preceding class. Because the earlier publication is out of print, some historical data are duplicated in the tables.

### Cattle Plants

The total number of plants slaughtering cattle has increased over time (app. table 1). The biggest jump occurred in 1972 when several States stopped their State inspection programs; these were assumed by the Federal Government. From 1950 to 1962, the largest number of plants were concentrated in the middle size classes. In the more recent period, there were more plants in the smaller size classes. This was especially true in 1972 and 1973, suggesting that the plants formerly under State inspection were smaller than those under Federal inspection.

The number of plants in the largest size category increased over this period. While their growth has not increased as fast as the smaller classes, their number increased slightly over four times since 1950. The next two size classes (50,000-100,000 and 100,000-200,000) have not had the growth in plant numbers that the largest size has had. Plants slaughtering 50,000 head per year would have an hourly kill rate of approximately 26 head based on the assumption stated earlier. These last three size classes could include plants of a size to utilize the more modern technology.

### Calf Plants

The total number of plants slaughtering calves steadily declined until 1972 (app. table 2). The total number of calf plants then increased in 1973 but most of the increase was in the smallest size category. The number of plants slaughtering 100,000 or more calves per year dropped significantly from the 1950's to 1972 and 1973. This is probably a result of more calves going into feedlots and also a result of the decreasing size of the milk cow herd nationally.

### Sheep Plants

The number of sheep plants remained about the same until 1972, when large numbers of small plants were added (app. table 3). There was a shift during 1950 to 1970 in that the very small plants increased in number while most of the other size categories lost plant numbers. It could well be that the plants just slaughtered fewer sheep which increased the number in the small size category. The number of plants in the largest category doubled over this time period rather than declining. By 1972, the number of very large plants had tripled (but this was just an increase of six) from the number in 1950 but then declined slightly in 1973.



## Hog Plants

The number of hog plants decreased from 1950 to 1962, then increased from 1970 to 1973 (app. table 4). The most spectacular increase occurred in the number of very small plants from 1950 to 1970. The number of plants declined in three sizes (37,500-75,000, 75,000-125,000, and 125,000-250,000) from 1950 to 1973. The remaining sizes had increases in plant numbers over this period. The number of plants in the largest size class about doubled from 1950 to 1973. The number of plants in the smallest size category increased about 23 times from 1950 to 1973--influenced by the switch from State to Federal inspection.

Appendix table 1--Number of federally inspected plants slaughtering cattle, with historical data added

Region and Year	Size category (thousand head)										Total
	Less than .75	.75- 1.5	1.5- 3.1	3.1- 6.25	6.25- 12.5	12.5- 25	25- 50	50- 100	100- 200	200+	
Number of plants											
Northeast:											
1970	17*		8	7	17	13	4	4	3		73
1972	334	24	14	12	16	11	5	5*			421
1973	307	42	37	20	16	10	7	4*			443
Southeast:											
1970	19*		4	15	8	20	24	8			98
1972	47	6	5	16	14	15	16	10*			129
1973	43	9	14	8	12	14	14	12*			126
North Central:											
1970	9*		3	7	16	27	14	30	19	15	140
1972	171	13	9	7	16	23	19	28	17	15	318
1973	86	34	20	17	13	19	20	28	15	13	265
Mountain and Plains:											
1970	42	3	3	9	5	11	14	22	11	17	147
1972	116	21	12	5	4	6	12	25	12	16	229
1973	43	22	9	6	4	6	13	24	13	15	155
Southwest:											
1970	18	6	5	6	8	11	21	13	7	4	99
1972	11	3	6	7	4	20	16	15	6	5	93
1973	8	6	9	4	12	15	11	16	5	6	92
Pacific and Northwest:											
1970	5	6	9	11	19	16	31	20	7		124
1972	51	11	12	10	13	20	20	22	9*		168
1973	53	27	14	14	16	15	26	18	8*		191
United States: 1/											
1950	29	10	17	44	69	95	80	41	19	8	412
1954	29	10	13	24	54	89	100	74	28	14	435
1958	17	8	16	28	66	101	111	72	31	8	458
1962	29	11	18	27	57	93	128	87	29	12	491
1970	106	19	32	55	73	98	108	97	47	36	671
1972	730	78	58	57	67	95	88	102	46	37	1,358
1973	540	140	103	69	73	79	91	99	43	35	1,272

\*Plants from larger size groups are included to avoid disclosure of individual operations.

1/ U.S. totals may not equal the sum of the regions since larger size plants may be included in regional numbers to avoid disclosure of individual operations.

Appendix table 2--Calves: Number of federally inspected slaughter plants,  
with historical data added

Region and year	Size category (Thousand head)										
	: Less : than .75	: .75- : 1.5	: 1.5- : 3.1	: 3.1- : 6.25	: 6.25- : 12.5	: 12.5- : 25	: 25- : 50	: 50- : 100	: 100- : +	: Total	
Number of plants											
Northeast:											
1970	26	4	7*		6	9	11	3	3	69	
1972	215	10	9	7	7	7	11	6*		272	
1973	248	6	10	11	11	4	9	5*		304	
Southeast:											
1970	25	3	3*		3	3*		4*		41	
1972	37*		5*		3*			4*		49	
1973	25*		5*				4*			34	
North Central:											
1970	19	6	4	3	3*		3	4	3	45	
1972	35	4	4	4*			5	3*		55	
1973	49	4	4*			4*		3*		64	
Mountain and Plains:											
1970	13*									13	
1972	21*									21	
1973	19*									19	
Southwest:											
1970	8				3					11	
1972	11*									11	
1973	11*									11	
Pacific and Northwest:											
1970	44	5	4	5	6	5				69	
1972	64*		4	12	5*					85	
1973	80*		11	5	3*					99	
United States: 1/											
1950	101	42	43	35	42	34	29	17	16	359	
1954	108	25	98	31	32	37	26	23	22	342	
1958	114	31	28	24	27	35	32	19	12	322	
1962	107	27	21	22	22	24	33	14	13	283	
1970	133	18	16	12	19	18	15	9	8	248	
1972	377	18	20	25	12	12	16	7	6	493	
1973	426	14	28	17	15	8	13	10*		531	

\* Plants from larger size groups are included to avoid disclosure of individual operations.

1/ The U.S. totals may not equal the sum of the regions since larger sized plants may be included.  
to avoid disclosure of individual operations.

Appendix table 3--Sheep: Number of federally inspected slaughter plants,  
with historical data added

Region and year	Size category (thousand head)												Total
	: Less than .75:	: .75- 1.5	: 1.5- 3.1	: 3.1- 6.25	: 6.25- 12.5	: 12.5- 25	: 25- 50	: 50- 100	: 100- 200	: 200- 400	: 400 +		
	Number of plants												
Northeast:													
1970	: 40	4*		3*			4*					51	
1972	: 194	5	8	6		4*		4*				221	
1973	: 255	9*		6	7*		6*					283	
Southeast:													
1970	: 22					3*						25	
1972	: 32*						3*					35	
1973	: 36*						3*					39	
North Central:													
1970	: 14	5*			4*			3		6*		32	
1972	: 81	4*			6*					4		95	
1973	: 79	5		5*				3		3		95	
Mountain and Plains:													
1970	: 28		3*							3	3	37	
1972	: 83*										5	88	
1973	: 64*										5	69	
Southwest:													
1970	: 37			6*		4*				3*		50	
1972	: 28			4*		3	3*			3*		41	
1973	: 25*				4*			3*		3*		35	
Pacific and Northwest:													
1970	: 38	5	6*			5*		5		4*		63	
1972	: 81	5*		4*			4*	4		5*		103	
1973	: 104	7*		3		4*		3		6*		127	
United States: 1/													
1950	: 102	13	19	12	15	15	18	21	23	12	3	253	
1954	: 95	10	10	11	5	13	15	16	19	27	4	225	
1958	: 106	7	4	11	5	12	9	12	26	19	4	215	
1962	: 98	11	11	5	10	2	8	12	17	25	6	205	
1970	: 179	11	9	6	6	8	4	4	10	14	7	258	
1972	: 497	11	10	11	7	8	6	6	7	11	9	583	
1973	: 560	17	4	14	3	6	8	4	7	12	8	648	

\* Plants from larger size groups are included to avoid disclosure of individual operations.

1/ U.S. totals may not equal the sum of the regions since larger sized plants may be included to avoid disclosure of individual operations.

SD-549 (1967) USDA STATISTICAL BULLETINS SUPDATA  
FEDERALLY INSPECTED LIVESTOCK SLAUGHTER BY SIZE AND TYPE OF PLANT  
BAKER, A J 2 OF 2

Appendix table 4--Hogs: Number of federally inspected slaughter plants, with historical data added

Region and year	Size category (thousand head)													
	Less than .56	.56-1.12	1.12-2.25	2.25-4.5	4.5-9	9-18.8	18.8-37.5	37.5-75	75-125	125-250	250-500	500-1,000	1,000+	Total
Number of plants														
Northeast:														
1970	13	4*				3		3	3*		4	3*		33
1972	237	19	10	5	5	5	7*			6*		3*		297
1973	268	26	14	13	13	7*		4*		6*		3*		354
Southeast:														
1970	14	4	4	8	7	9	5	7	6	12	11	7		94
1972	41	7	11	6	12	9	14	9	3	10	12	7		141
1973	37	7	11	6	13	9	10	6	4	11	11	6		131
North Central:														
1970	11	4*		4*		5	9	9	5	6	15	24	15	107
1972	147	13	3	5	5	8	12	7*		9	14	24	17	264
1973	90	28	10	9*		8	10	6	3	12	14	24	14	228
Mountain and Plains:														
1970	42	4	4	7*		3	4	3*			7	5*		79
1972	103	16	15	6	4*		3	4	3*		5	6*		165
1973	51	15	7	6*		5*		5*		3	4	6*		102
Southwest:														
1970	34	5	3	6	3	9*		7*		3	4*			74
1972	25	4	6	4	4	6	4	4		5	3*			65
1973	22*		3	4	6	6	4	4*		6*				55
Pacific and Northwest:														
1970	22	7*		3	4	3	4	4*		4*				51
1972	62	9	6	5	4	3	3	4*			3*			99
1973	67	20	11	3	8	3	5*			4*				121
United States: 1/														
1950	23	3	11	12	16	19	28	38	28	50	33	24	10	295
1954	27	4	11	14	15	17	12	35	26	53	30	22	10	276
1958	18	10	11	9	14	11	12	20	29	57	33	28	11	263
1962	25	9	6	13	11	16	10	20	22	39	51	23	17	262
1970	136	23	15	25	18	30	24	29	16	25	41	37	19	438
1972	615	68	51	31	33	32	41	27	6	31	37	37	22	1,031
1973	534	97	56	38	43	35	30	23	11	37	32	37	18	991

\* Plants from larger size groups are included to avoid disclosure of individual operations.

1/ U.S. totals may not equal the sum of the regions since larger sized plants may be included to avoid disclosure of individual operations.

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