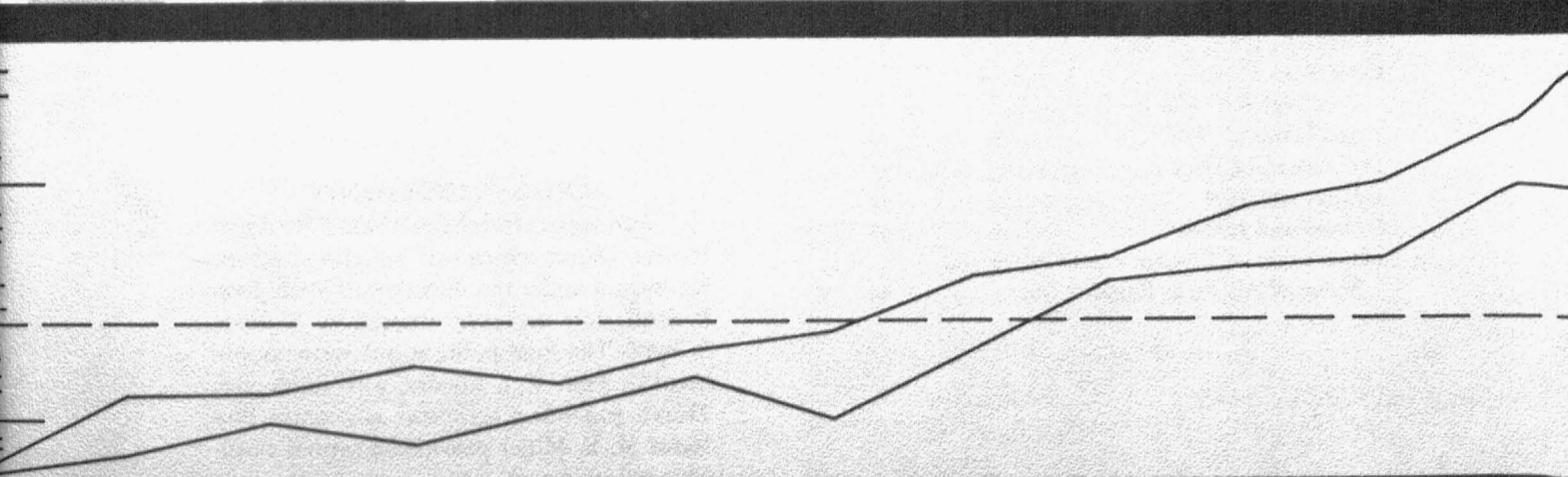
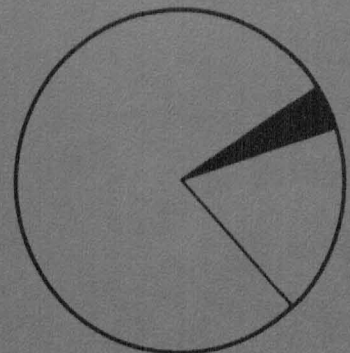
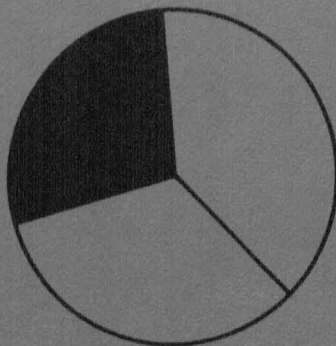
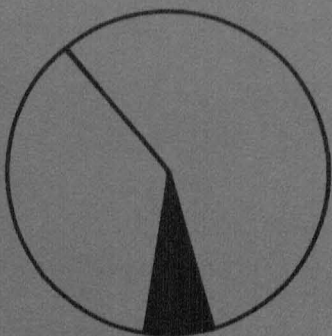


TRENDS IN LIVESTOCK

By
CHARLES CRAMER
RUSSELL L. FEUERBACH



SB830 May, 1965 University of Missouri Agricultural Experiment Station



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Trends in Livestock

BY CHARLES CRAMER AND RUSSELL L. FEUERBACH

This bulletin is one of a series of four reports from the Department of Agricultural Economics Research Project 428, "Trends in the Agricultural and Economic Development of Missouri." The series including livestock, crops, dairy, and poultry is designed as a handy set of references for taking a long view of agricultural development. Trends in Missouri are compared with those of the nation. In some instances, the trends of the nine Missouri crop reporting districts are compared.

Although separately bound, the four bulletins may be used in combination for further comparisons. The charts have been set up with similar time scales to allow for additional ease in making comparisons. Each bulletin contains a detailed appendix.

This series of bulletins should be a useful supplement to the state and county production data reported in Station Bulletin 787, *Agricultural Production Trends in Missouri Counties, 1939-1959*. Income changes for the state are contained in Station Bulletin 816, *Incomes of Missouri Farmers, 1949-1962*, while county income data are in Station Bulletin 817, *Farm Income Estimates for Missouri Counties, 1949-1959*. Much of this data will be kept current in the loose-leaf extension series, Data for Missouri Counties.

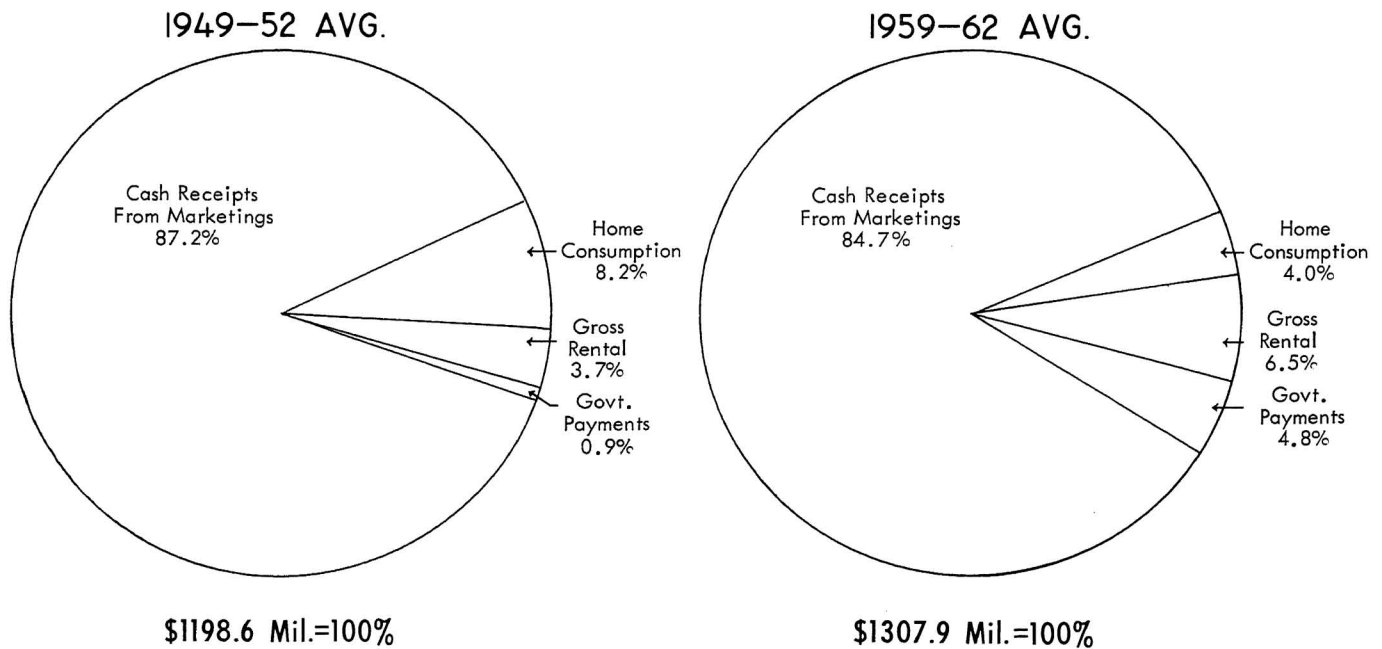
Sources of Missouri Farm

Income and Expenses

Figure 1.

MISSOURI GROSS FARM INCOME

Government Payments And Gross Rental Value Rise
Value of Home Consumption Declines



Important changes are indicated by this breakdown of farm incomes for 1949-52 and 1959-62.

Government payments climbed from 0.9% to 4.8% of gross farm income. The rise reflects the increase in the government programs in agriculture during the 1950's.

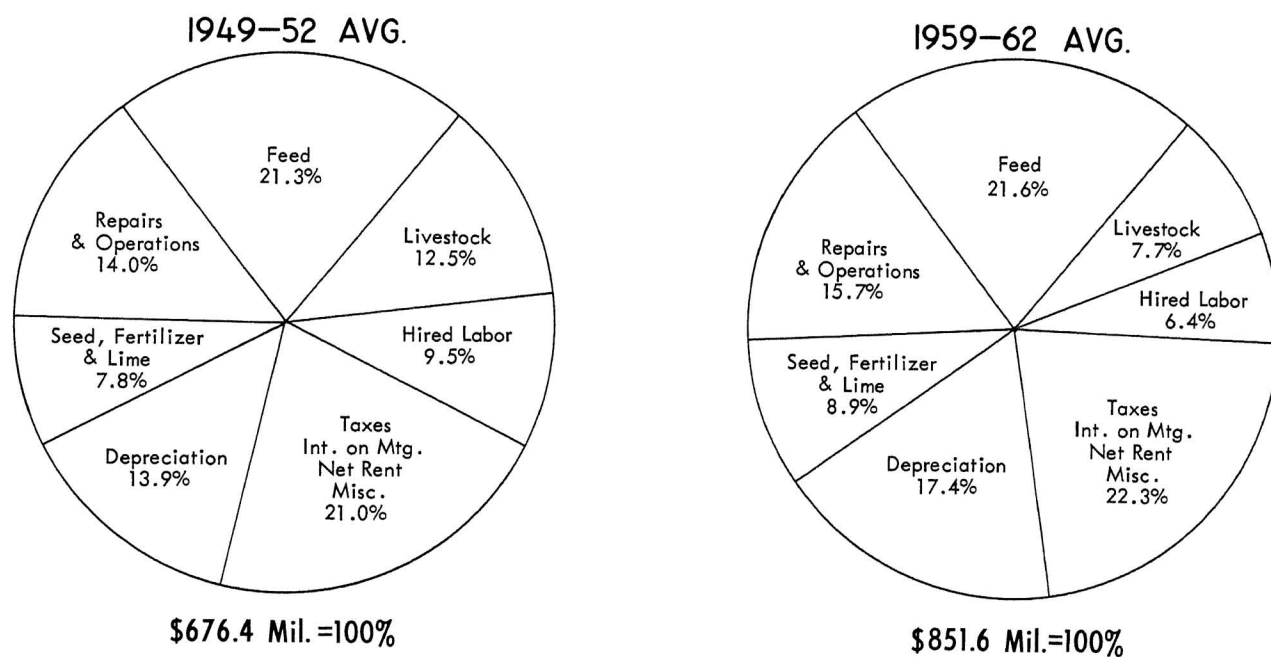
Home consumption declined in importance during the 1950s. The drop was due to reduced number of farms, the increased output per farm, and a greater proportion of food purchased from retail stores by farm families. Gross rental value of dwellings increased from 3.7 to 6.5 percent.

There was considerable variation in the percentage breakdowns depicted in Figure 1 during the 1950s. For a more detailed account see Appendix A.

Figure 2.

MISSOURI FARM PRODUCTION EXPENSES

Expenditures For Livestock Production Remain Important.



There have been some important changes in the percentage of total farm production expenditures accounted for by certain classes of expenditures.

The portion of expenditures accounted for by hired labor has declined while the portion attributed to depreciation is up. Substitution of capital for labor in the form of labor saving machines may account for much of the labor and depreciation shifts.

Expenditures for livestock show a decline in importance from 12.5% in 1949-52 to 7.7% in 1959-62. The proportion of total expenditure spent for feed was nearly the same in both periods.

Notice that total expenditures are up. Therefore, greater expenditures for a given item are needed in order to maintain the same portion of the total.

Trends in Feed Expense and Livestock Receipts by Missouri Districts

Figure 3.

THE STATE OF MISSOURI
An Outline of Crop Reporting Districts.

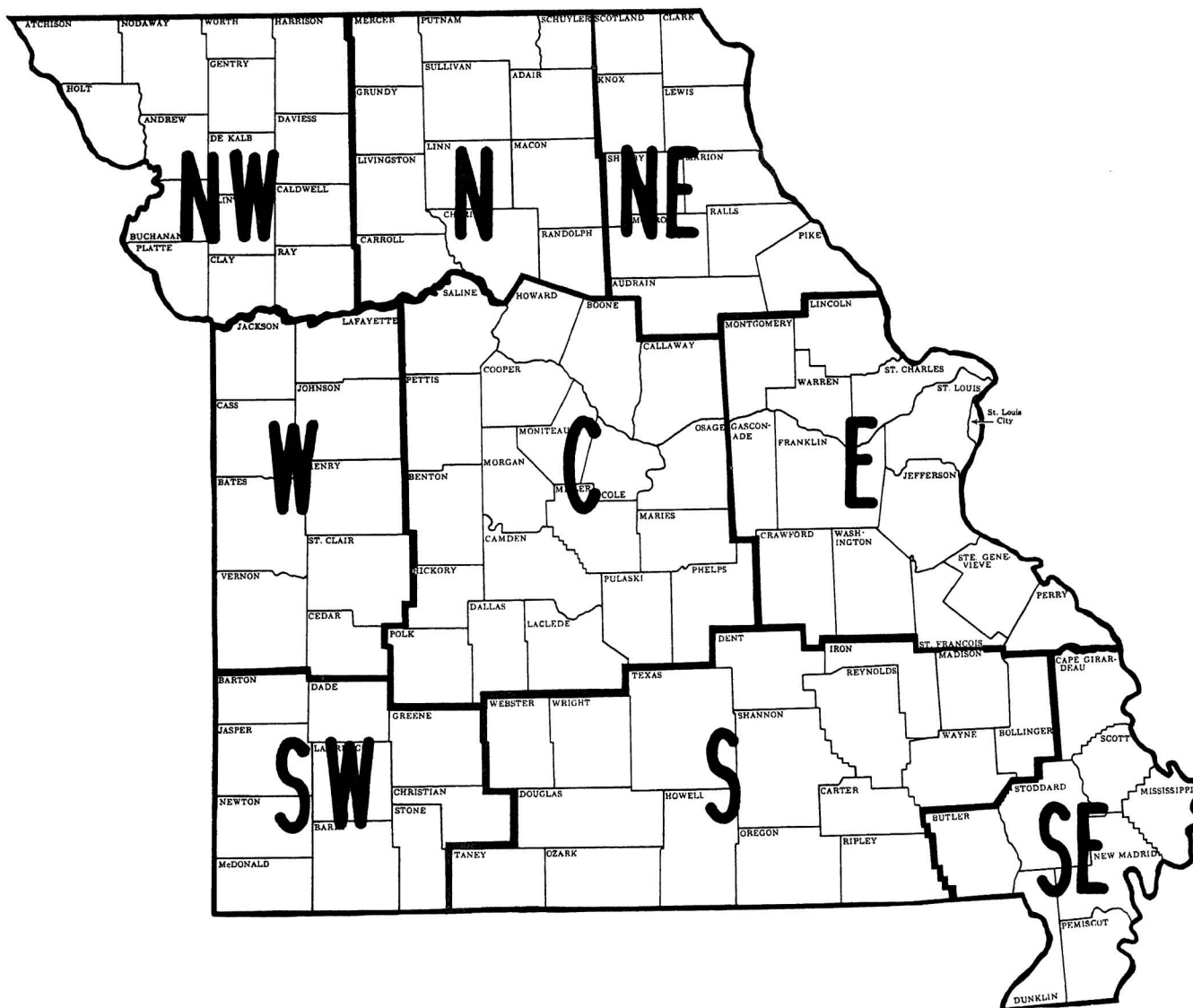
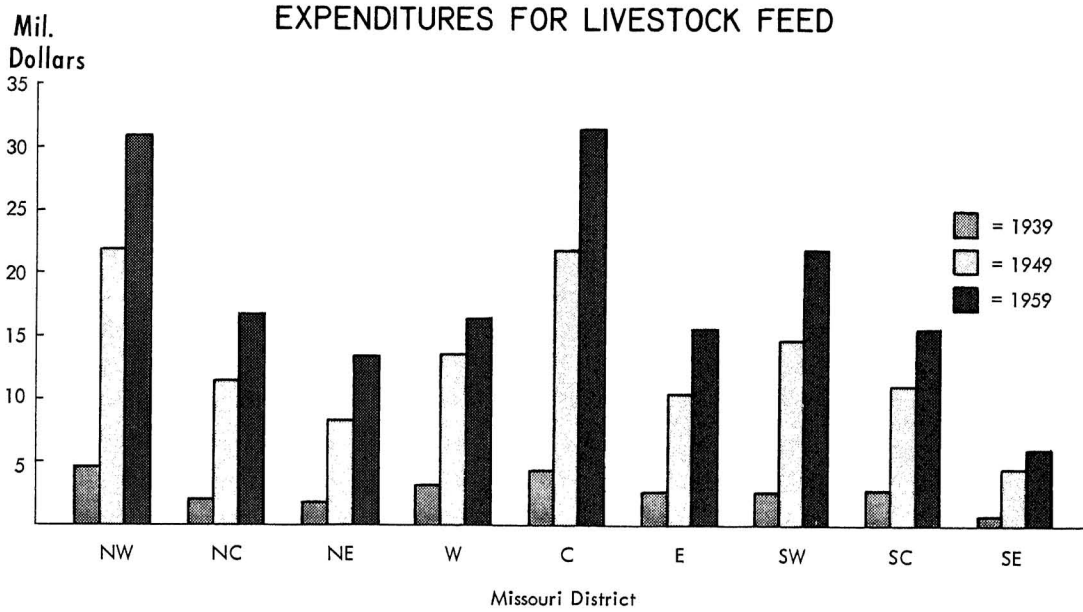


Figure 3 shows crop reporting districts which are used in Figures 4 and 5. These are the crop reporting districts used by the U.S.D.A. for statistical reporting purposes. The letters labeling the districts are used to designate the districts on the graphs.

Figure 4.

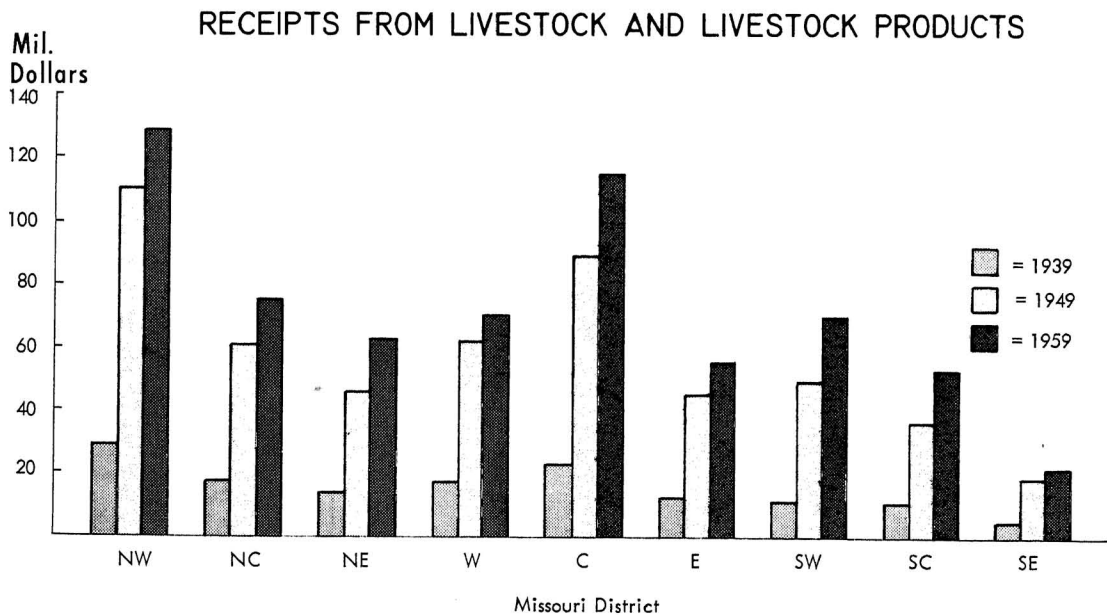
Increasing In Missouri.



The northwest and central districts have larger expenditures for livestock feed than any of the other districts. Note, however, that all districts have increased expenditures for livestock feed over the years.

Figure 5.

Large Increases In Missouri.



The northwest and central districts have greater receipts from livestock and livestock products than any of the other districts. However, all districts have experienced increased receipts from livestock and livestock products. All of the districts had greater increases from 1939 to 1949 than they had from 1949 to 1959.

Graphic Presentation of Trends

--Missouri vs. U.S.--

How to Interpret the Graphs

Graphs on following pages were prepared by the logarithmic method, which permits comparison on the basis of percent change. Thus lines representing rates of change in Missouri can be compared directly with lines showing rates of change in the nation as a whole.

You will note the units (number of head, dollars or other) on the side scale, since they are based upon percentage change, are not spaced evenly as they are in graphs where quantity changes are depicted. The spaces grow smaller as you go up the scale.

Beginning at the left in the sample chart below, both the upper (U.S.) and lower (Missouri) lines are climbing at a constant rate of 10 percent per year from about 1924 to 1936 and thus are parallel. In the middle the lines run horizontal, indicating that no change took place from 1936 to 1948 either in Missouri or the U. S. as a whole.

From 1948 on the lines cease to run parallel, the upper (U. S.) trend line showing a slower rate of decline at 5 percent per year than Missouri's 10 percent rate.

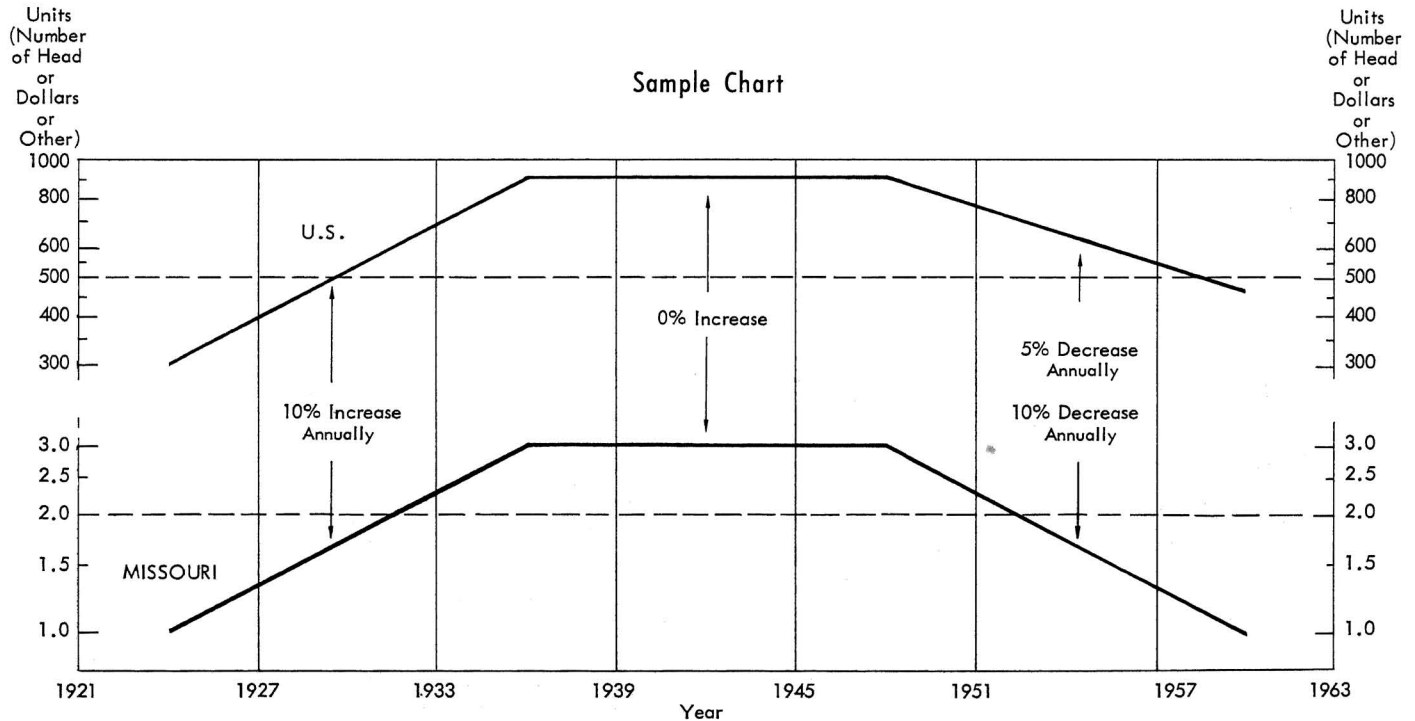
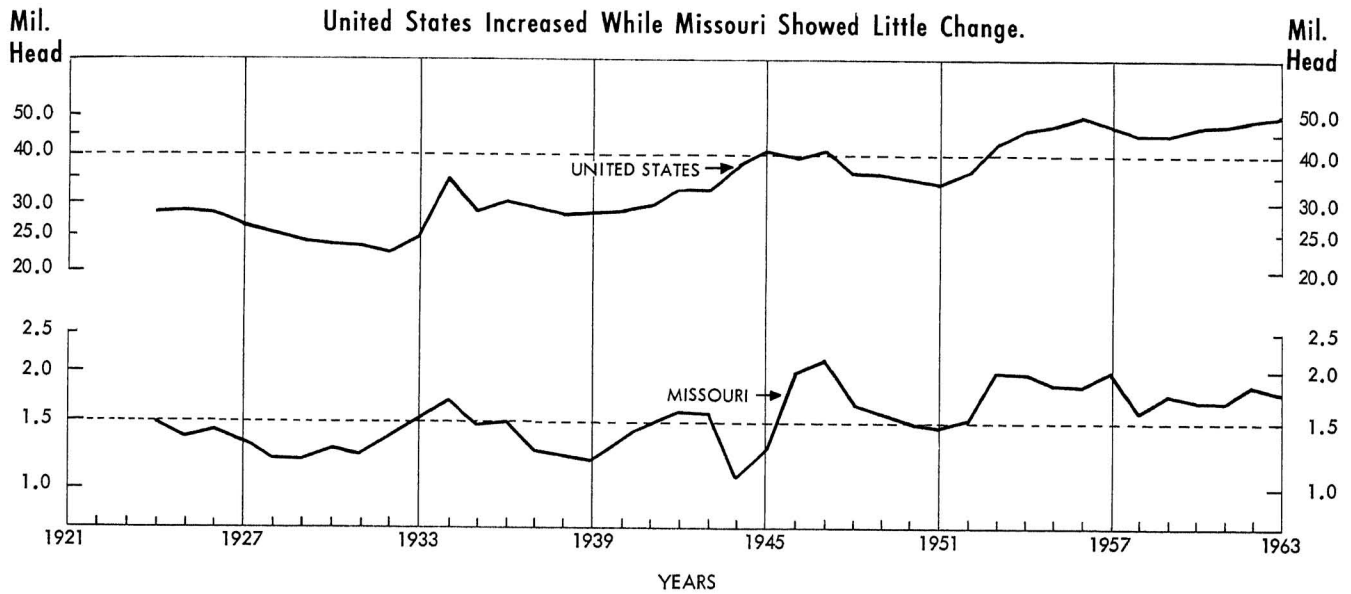


Figure 6.
CATTLE AND CALVES MARKETED

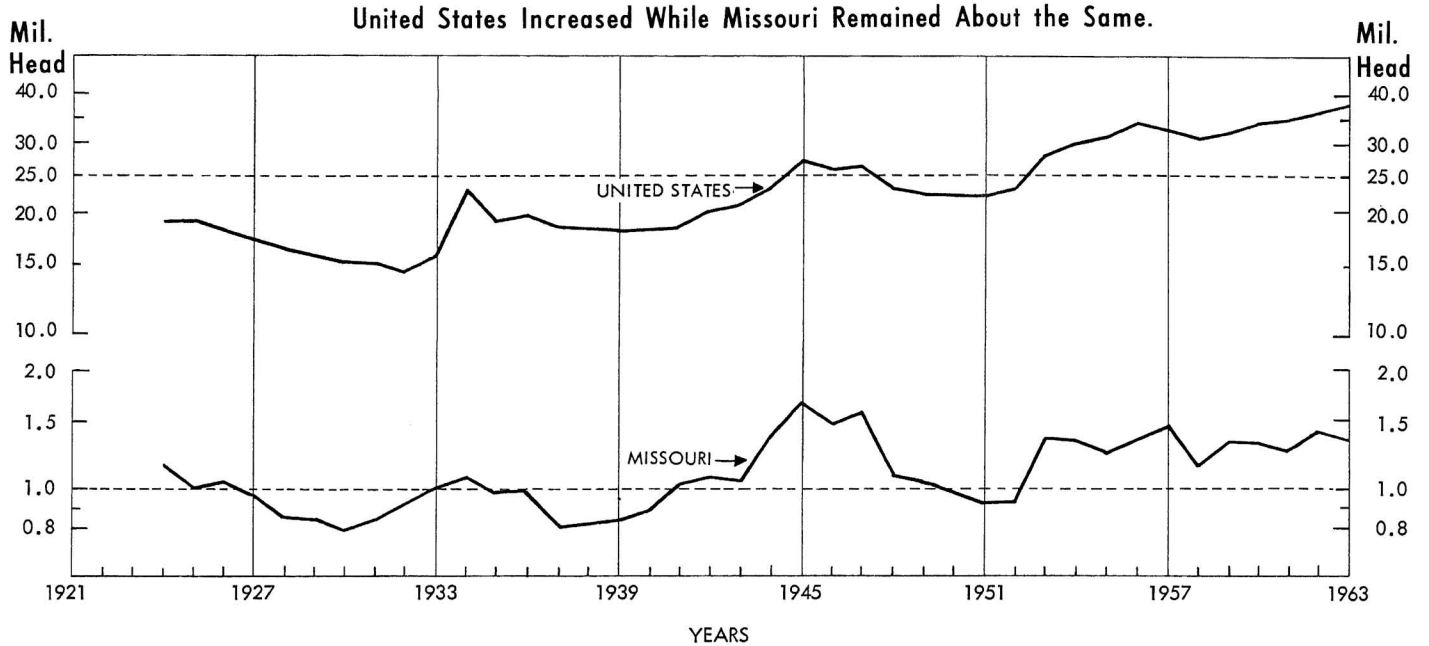


The U. S. as a whole shows a definite trend toward increased marketings of cattle and calves over the 1921 to 1963 period. Missouri shows only a slight trend toward increased marketings during these years.

The relative year-to-year variation in the number of cattle and calves marketed has been greater for Missouri than for the United States.

Note that the dotted lines may be used to aid in visual comparison of numerical values.

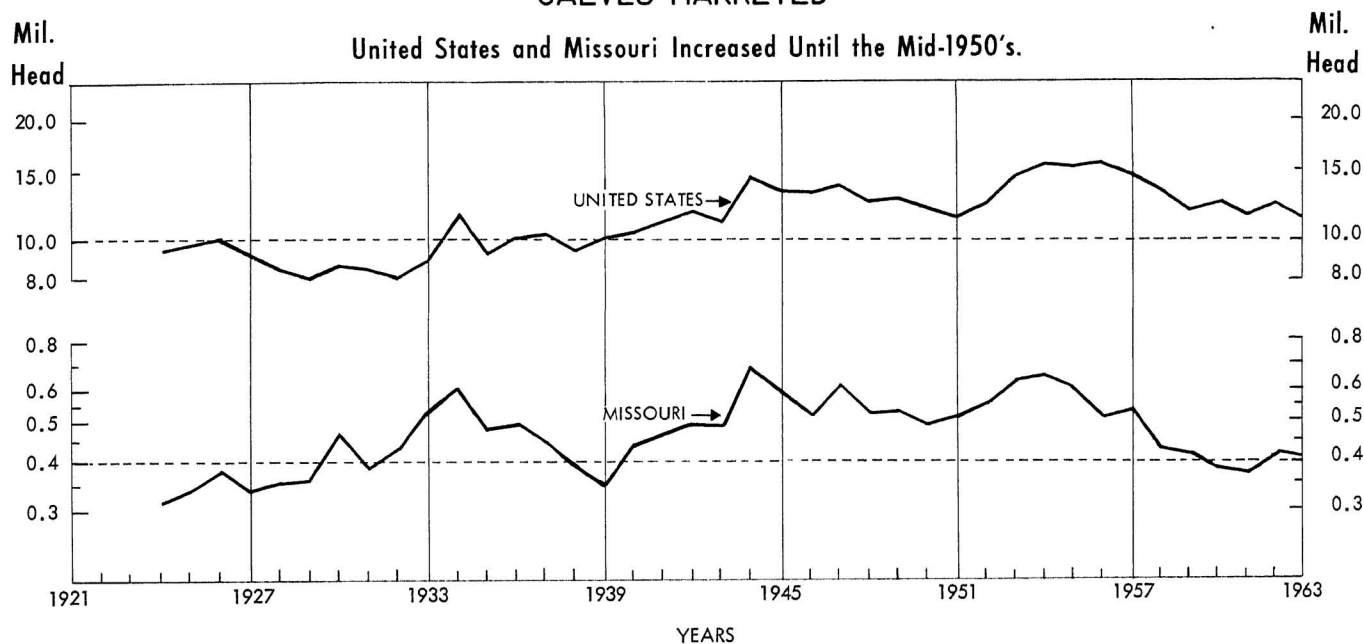
Figure 7.
CATTLE MARKETED



The general trend of the number of cattle marketed has been similar for Missouri and the United States. However, during recent years, the general trend for the United States has been upward while little or no upward trend can be noted for Missouri.

There has been relatively more variation in marketings in Missouri than in the United States. The variation of the number of cattle marketed in Missouri is a reflection of expansion and contraction of the number and sizes of herds in Missouri. The variation in marketings in the United States differs in that it is the net of variations of all the states.

Figure 8.
CALVES MARKETED

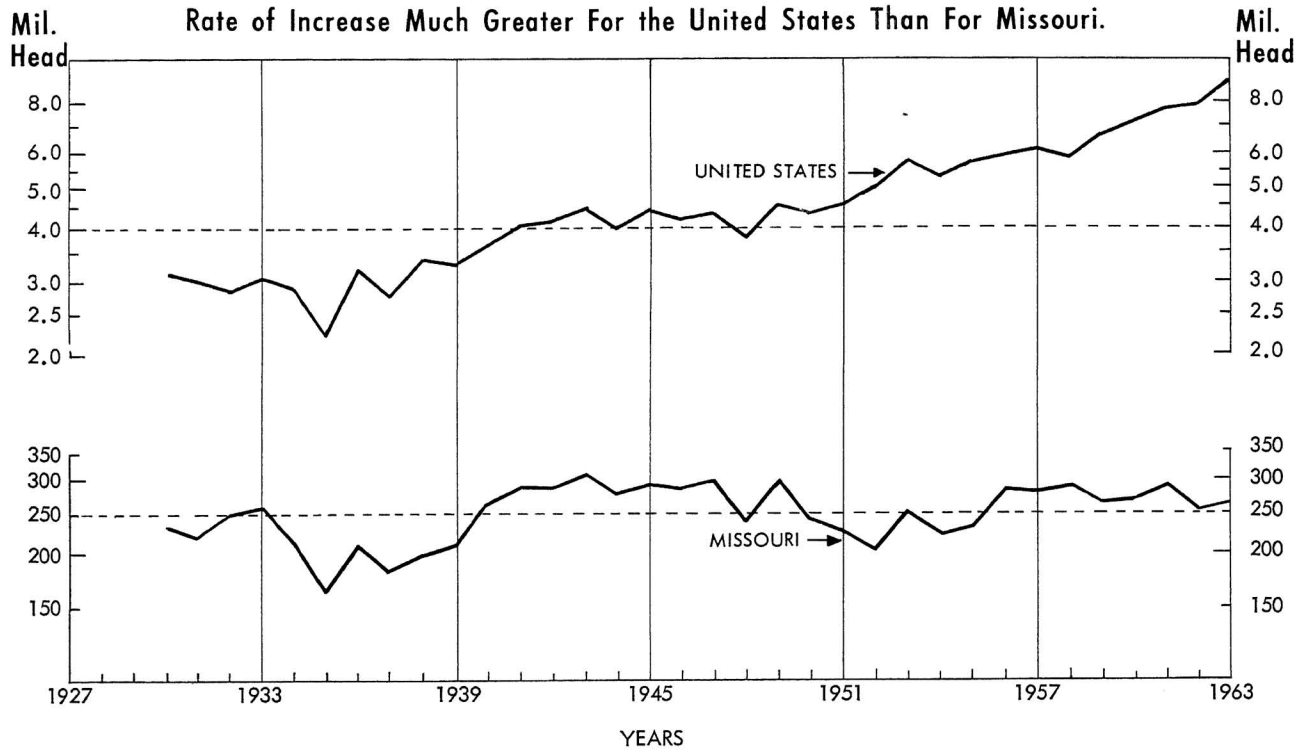


The trends in the number of calves marketed have not been as well defined as the trends for cattle. However, there was an up-trend in the number of calves marketed in the United States until the middle 1950s. The trend for Missouri was not as pronounced and only increased until the early 1940s.

Since the early 1940s for Missouri and since the middle 1950s for the United States, the number of calves marketed has declined. One factor reducing the number of calves marketed is the decrease in the number of dairy cows on farms.

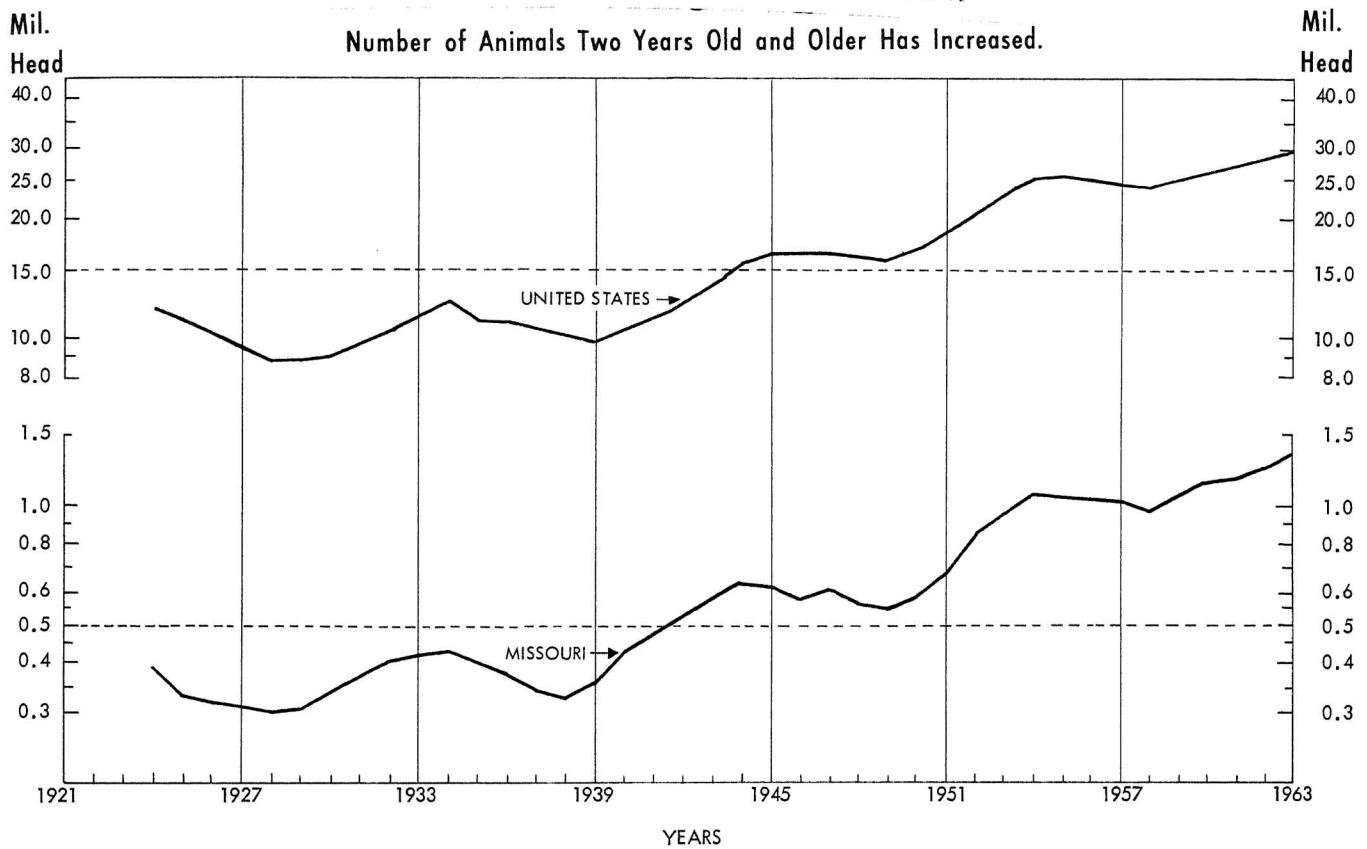
As was true for cattle, the relative variation in the number marketed for Missouri was greater than that of the United States.

Figure 9.
CATTLE AND CALVES ON FEED



The number of cattle and calves on feed in the United States at the first of the year has about tripled since 1930. The figures for Missouri show practically no increase.

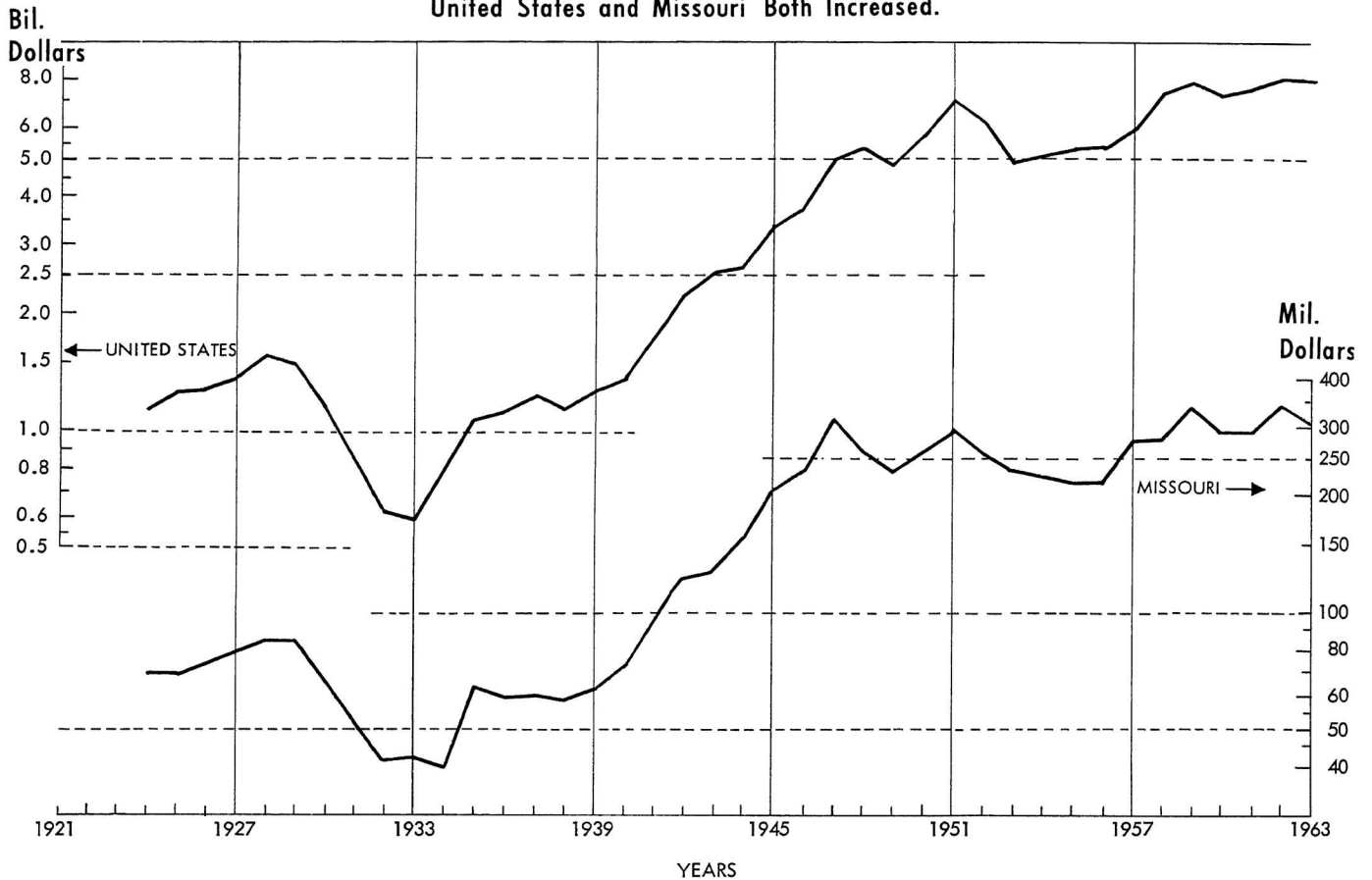
Figure 10.
COWS AND HEIFERS ON FARMS (EXCLUDING DAIRY)



The number of cows and heifers two years old and older on farms in the United States has more than doubled since 1924. Meanwhile the figure for Missouri has more than tripled.

The years of sharpest increase have generally been the same for both the United States and Missouri. These periods of increase are interesting in that they seem to have about a 10 year cycle of increasing and leveling off in the number of cows and heifers on farms.

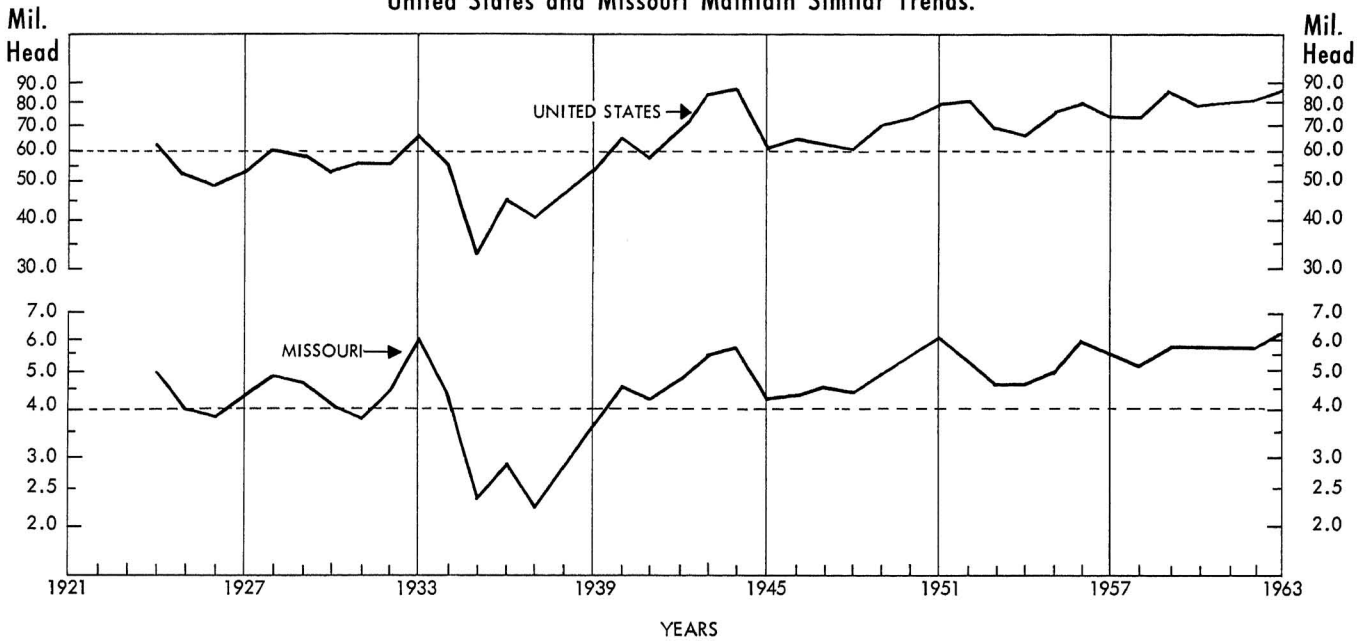
Figure 11.
CASH RECEIPTS FROM CATTLE AND CALVES
 United States and Missouri Both Increased.



Note the continued upward trend in cash receipts from cattle and calves, both in the United States and Missouri. The changes in Missouri have usually paralleled those of the United States. One important factor affecting cash receipts is the price of cattle—which affects Missouri in the same way that it affects the United States at any given time.

There have been large increases in cash receipts from marketing cattle and calves in both the United States and Missouri. However, the rate of increase has averaged greater for the United States than for Missouri during the last 15 years.

Figure 12.
HOGS MARKETED
 United States and Missouri Maintain Similar Trends.

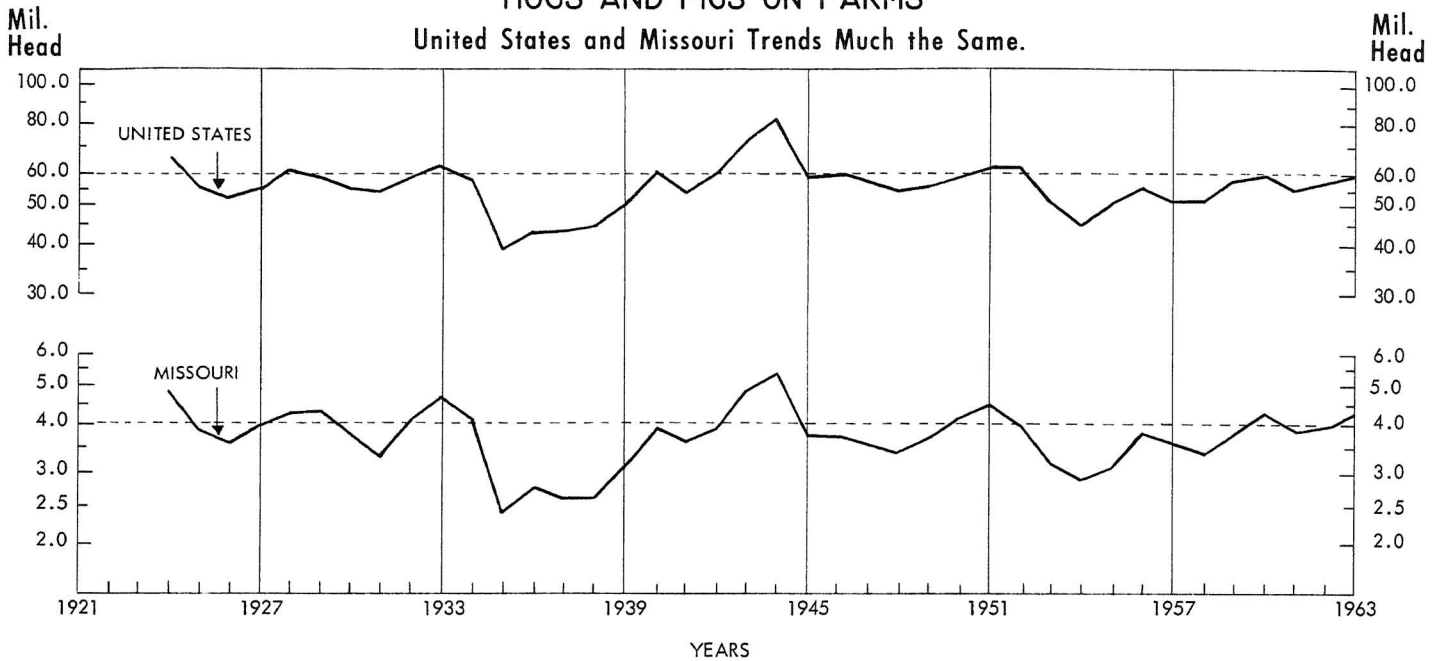


Both the United States and Missouri have had considerable variation in hog marketings. The variations have generally been in the same direction for both.

A general trend is difficult to discover. The depression years brought a large drop in marketings while the war years saw increases. If the depression and war years are omitted, there is a slight upward trend in marketings over the years.

Notice that the volume of hog production is quite responsive to changes in economic conditions. The decrease during the depression and increase during World War II and the Korean War are clear evidence of this.

Figure 13.
HOGS AND PIGS ON FARMS
 United States and Missouri Trends Much the Same.



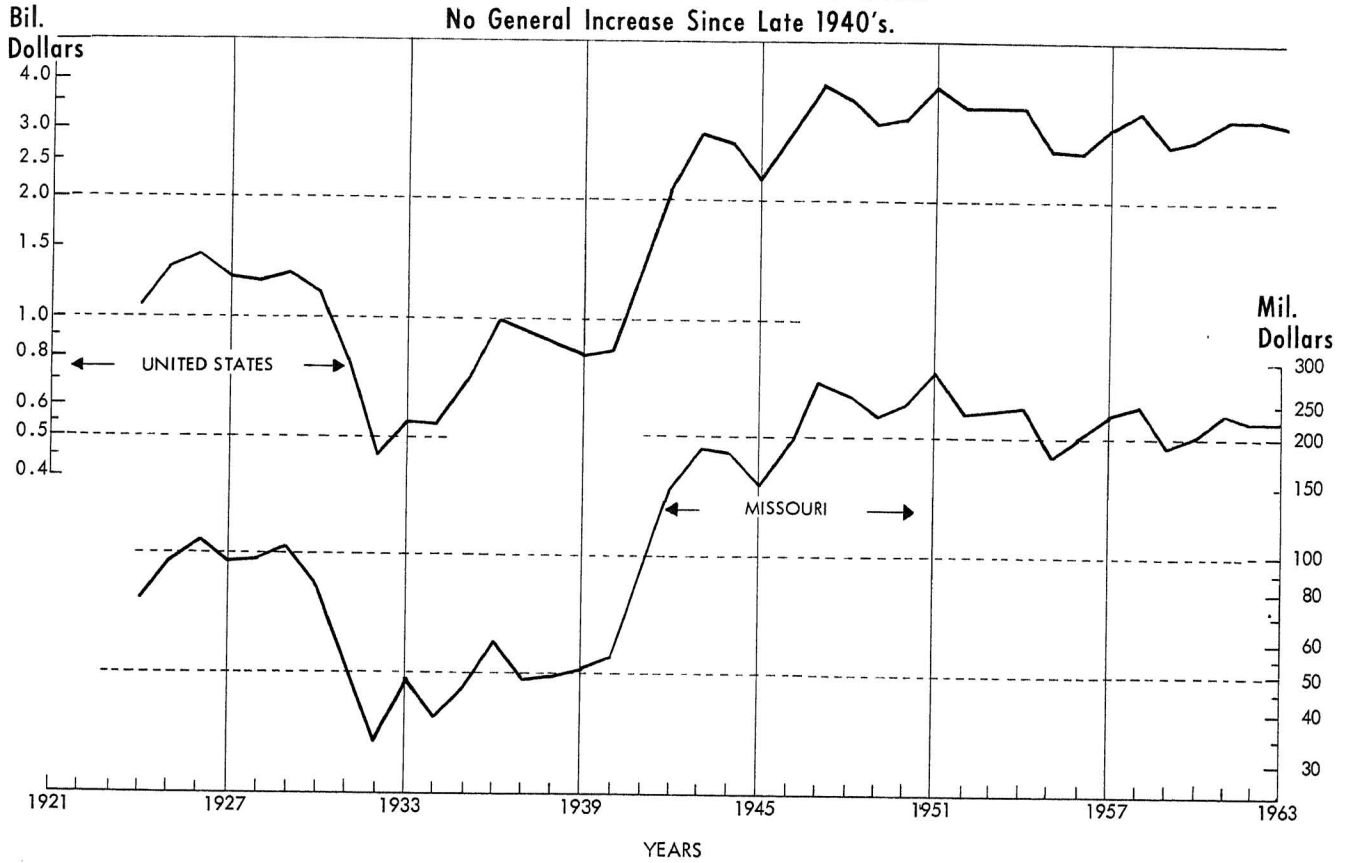
Trends in the number of hogs and pigs on farms follow much the same pattern for both the United States and Missouri.

Notice that the variations during the depression and war years are much like those observed in the number of hogs marketed.

A trend is somewhat difficult to discern. However, the general trend seems to be one of little change. Notice how closely the number fluctuates around the dotted lines in Figure 13 except during the war and depression years.

A comparison of Figure 13 with Figure 12 shows a trend to increase hog marketings with the same number on farms. Much of this is probably due to increased litter sizes, farrowing more than once a year, and shorter feeding periods for market hogs.

Figure 14.
CASH RECEIPTS FROM HOGS SOLD
 No General Increase Since Late 1940's.



The trend in cash receipts from hogs marketed has generally been the same for both the United States and Missouri.

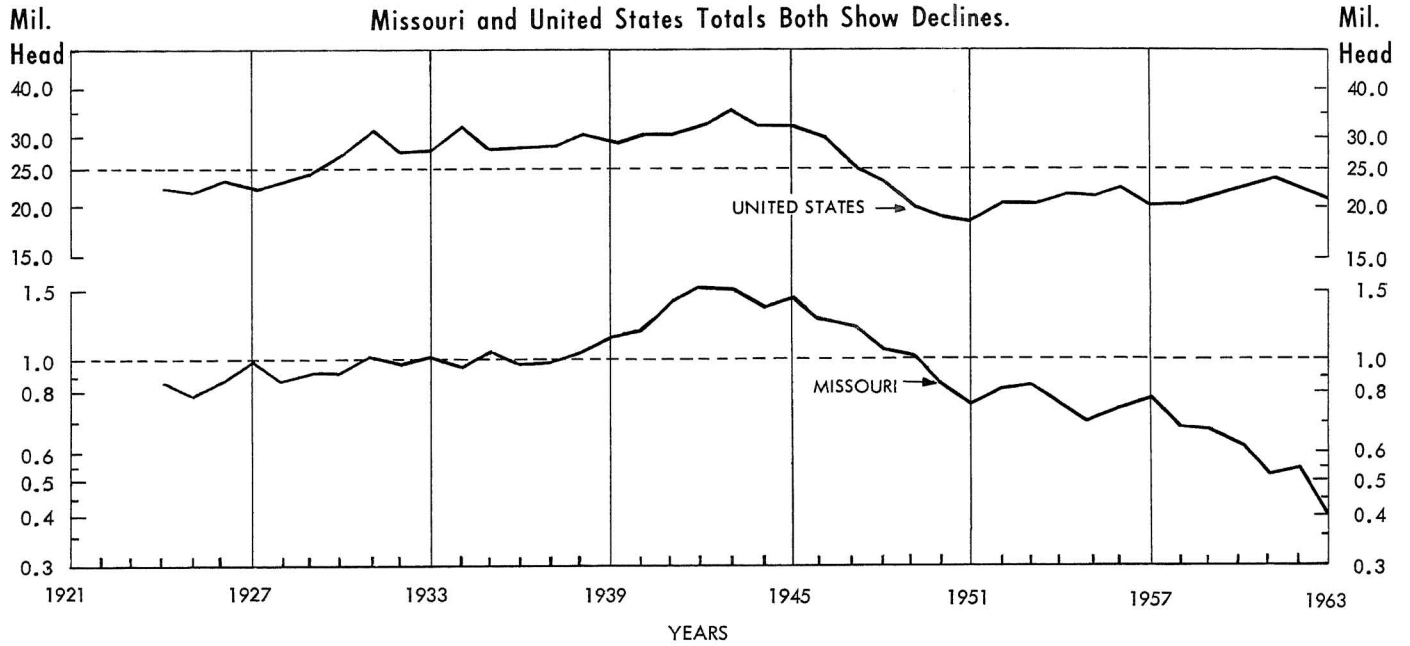
The depression years brought a general decline in cash receipts for hogs. The decline was followed by a general rise as the depression ended and World War II became a reality. Since World War II, cash receipts from hogs have remained about the same with perhaps a slight decrease.

The variation in cash receipts has tended to be similar for both the United States and Missouri over the years.

Figure 15.

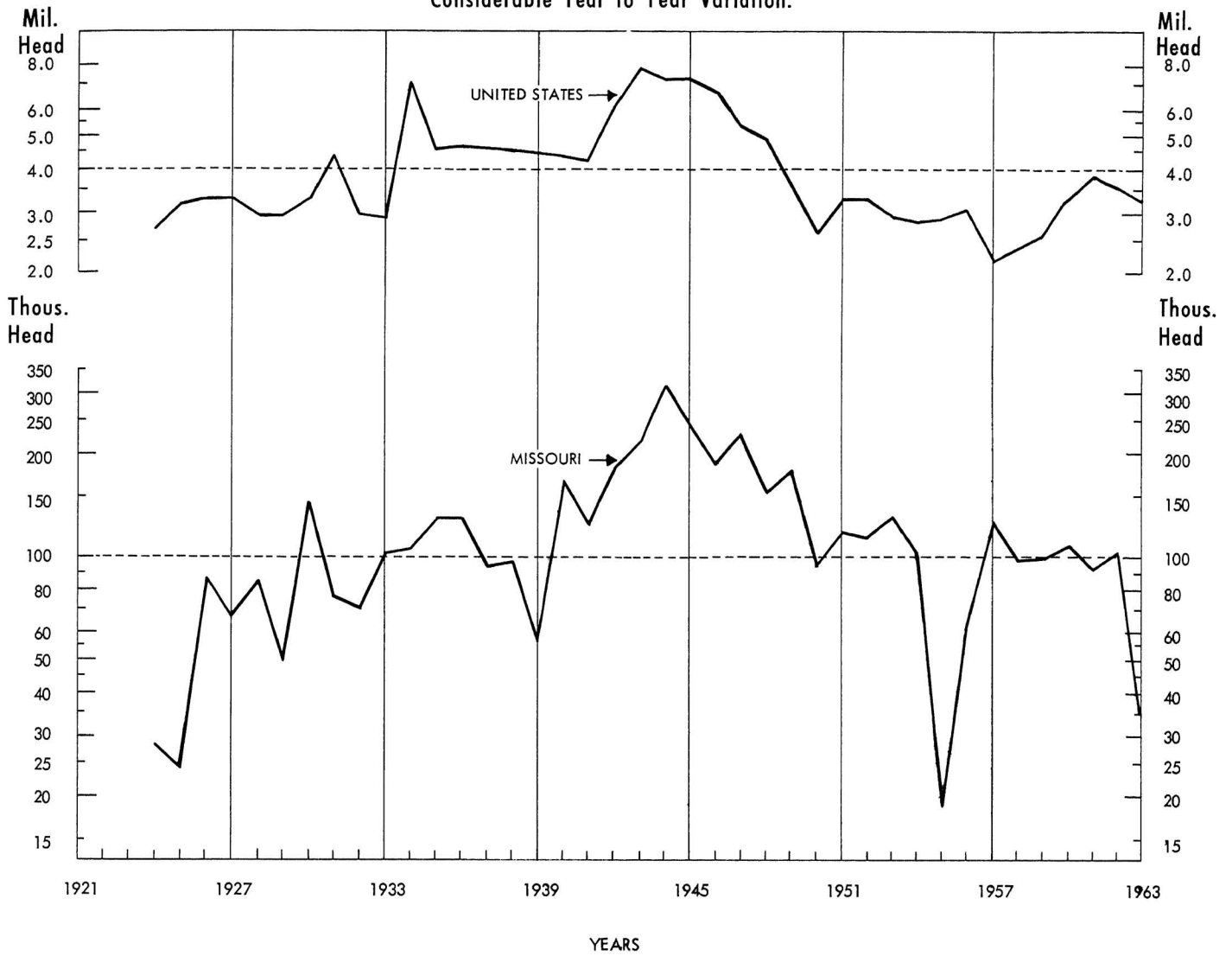
SHEEP AND LAMB MARKETINGS

Missouri and United States Totals Both Show Declines.



The trend of the number of sheep and lambs marketed was upward until the middle 1940s. There has been a general decline in the number since then. This was true for the United States and for Missouri except during the more recent years. The decline in Missouri has been a much sharper change than that for the United States.

Figure 16.
SHEEP MARKETED
Considerable Year to Year Variation.

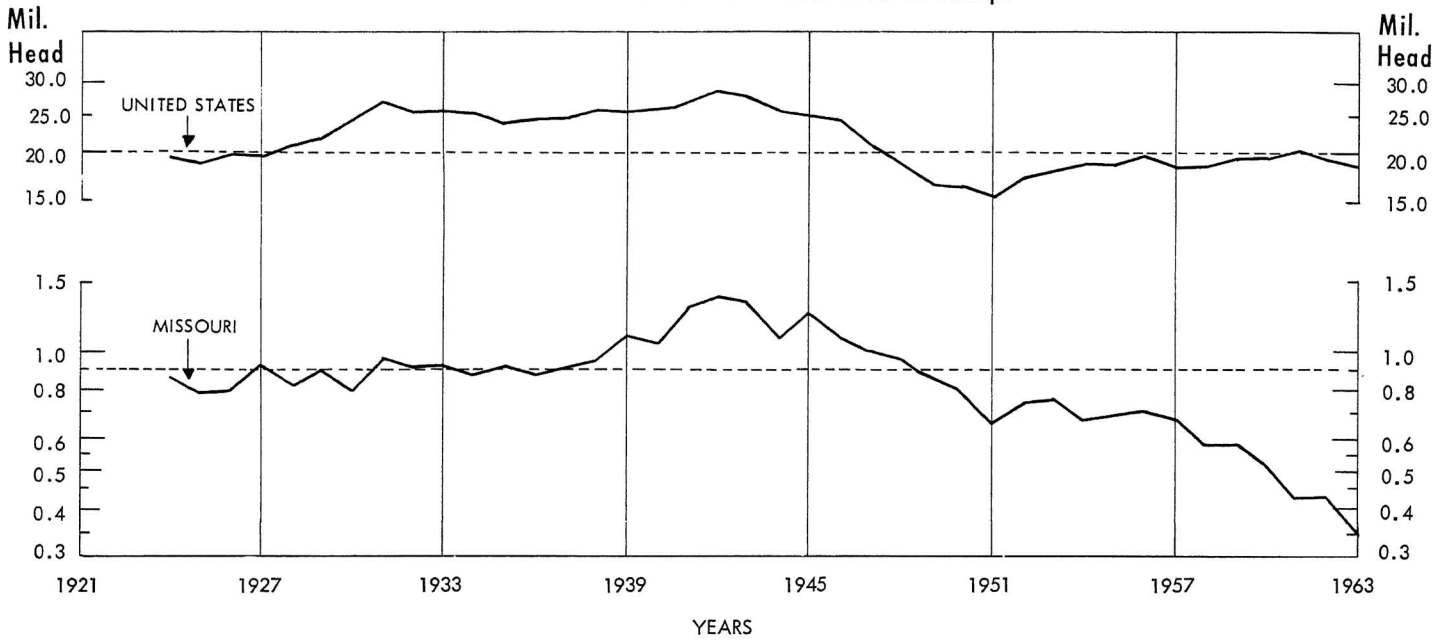


The number of sheep marketed has varied considerably in the United States and in Missouri. However, the relative variation has been more pronounced in Missouri.

Although there have been greater variations the trends follow those shown in Figure 15 where both sheep and lambs are shown as a combined figure.

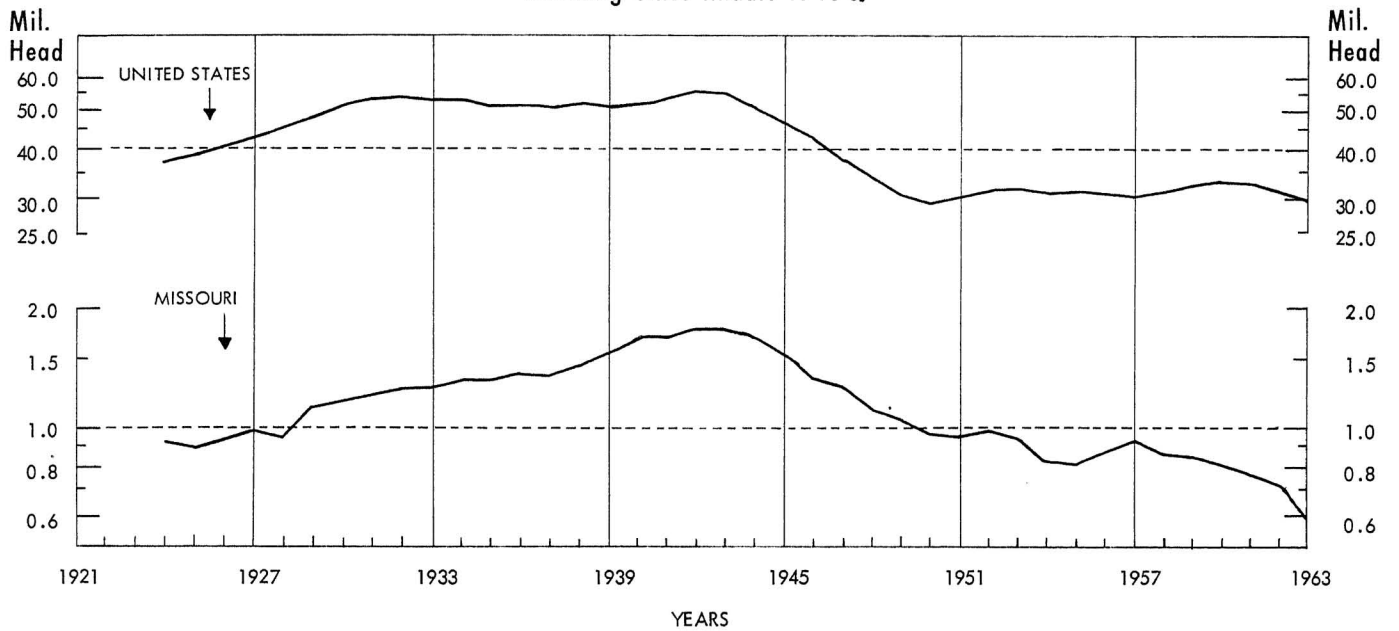
Figure 17.
LAMBS MARKETED

Much Less Year to Year Variation Than In Sheep.



There was much less variation in the number of lambs marketed than was noted in the number of sheep marketed. Because of this, general trends are more readily apparent. These trends follow those described in Figure 15 for sheep and lambs combined.

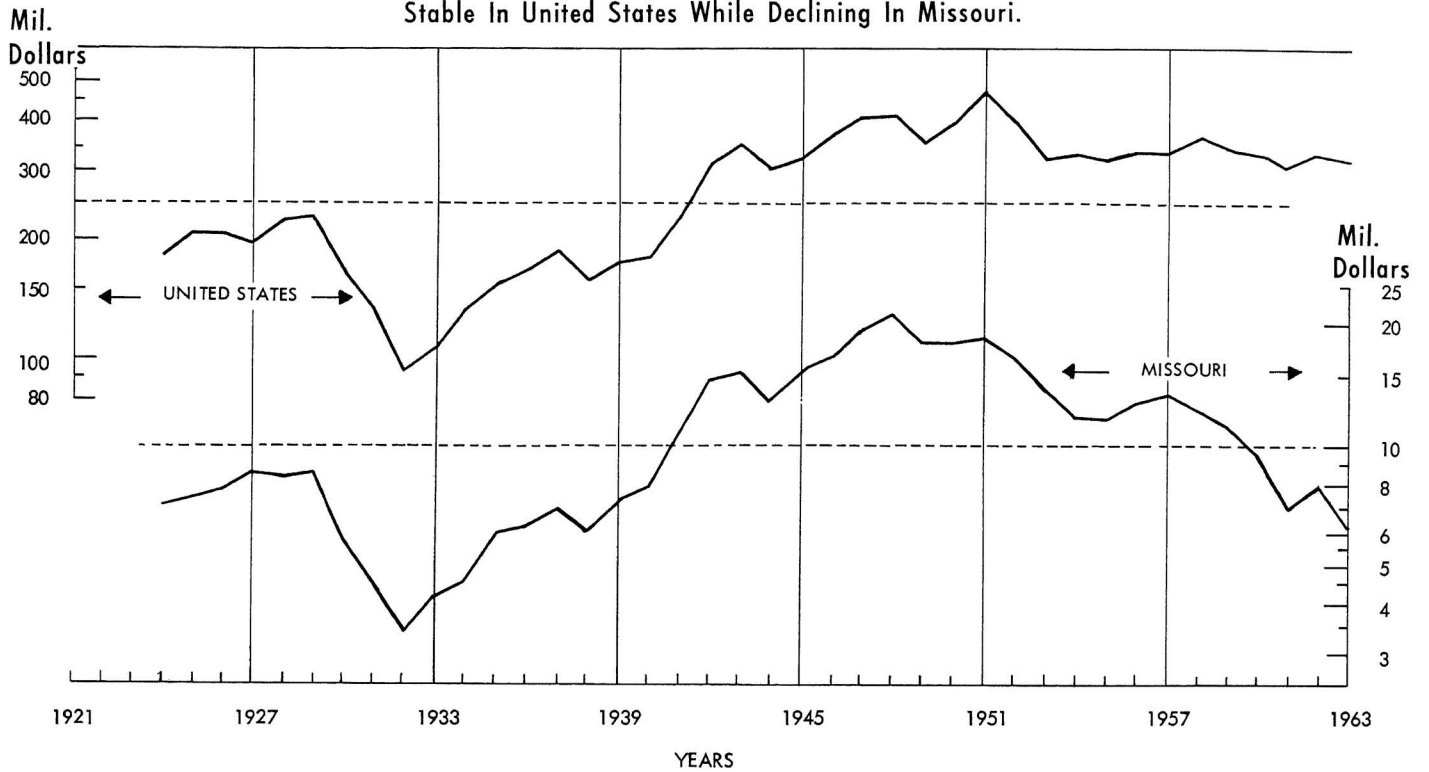
Figure 18.
SHEEP AND LAMBS ON FARMS
Declining Since Middle 1940's.



Both the United States and Missouri figures show a decline in number of sheep and lambs on farms. There was a general increase in these numbers until World War II but there has been a general decline since that time.

In more recent years the number of sheep and lambs on farms in the United States has been relatively constant while the number on farms has continued to decline in Missouri.

Figure 19.
CASH RECEIPTS FROM SHEEP AND LAMBS
 Stable In United States While Declining In Missouri.



There are several trends to be noted in the cash receipts from sheep and lambs. They increased in both the United States and Missouri until the early 1950s. Since that time cash receipts in the United States have remained about the same while they have declined rather sharply in Missouri.

APPENDIX

The appendix contains a group of statistical tables which relate to the charts used in this bulletin. The sources of the data used in each section are:

Appendix A and B

Farm Income 1949-62 State Estimates, A supplement to the Farm Income Situation for July 1963, ERS, USDA, August, 1963.

Appendix C

The Agricultural Census.

Appendix D, E, and F

Meat Animals, Farm Production and Income 1924-44, Revised estimates by states, AMS, USDA, Sept., 1947.

USDA Statistical Bulletins 113, 184, 284, 230, and 333.

APPENDIX A

Missouri: Realized Gross Farm Income

| <u>Year</u> | <u>Cash Receipts from Farm Marketings</u> | | <u>Government Payments</u> | | <u>Value of Home Consumption</u> | | <u>Gross Rental Value of Farm Dwellings</u> | | <u>Total</u> Mil. Dol. |
|-------------|---|---------------|--------------------------------|---------------|--------------------------------------|---------------|---|---------------|------------------------------|
| | Mil. Dol. | % of Total | Mil. Dol. | % of Total | Mil. Dol. | % of Total | Mil. Dol. | % of Total | |
| 1949 | 969.2 | 87.2 | 5.5 | .5 | 99.4 | 8.9 | 37.9 | 3.4 | 1,111.9 |
| 1950 | 997.9 | 86.9 | 10.4 | .9 | 97.7 | 8.5 | 42.8 | 3.7 | 1,148.8 |
| 1951 | 1,151.3 | 87.7 | 10.9 | .8 | 101.6 | 7.7 | 49.5 | 3.8 | 1,313.3 |
| 1952 | 1,063.0 | 87.1 | 16.0 | 1.3 | 93.1 | 7.6 | 48.3 | 4.0 | 1,220.4 |
| 1953 | 1,031.9 | 87.7 | 10.8 | .9 | 83.4 | 7.1 | 51.1 | 4.3 | 1,177.1 |
| 1954 | 994.9 | 88.4 | 9.1 | .8 | 76.0 | 6.8 | 45.1 | 4.0 | 1,125.0 |
| 1955 | 947.5 | 88.4 | 8.8 | .8 | 71.1 | 6.6 | 44.6 | 4.2 | 1,072.1 |
| 1956 | 1,033.3 | 88.0 | 21.0 | 1.8 | 71.1 | 6.1 | 49.3 | 4.2 | 1,174.6 |
| 1957 | 1,022.5 | 86.3 | 37.3 | 3.2 | 72.1 | 6.1 | 53.4 | 4.5 | 1,185.3 |
| 1958 | 1,060.0 | 85.6 | 61.1 | 4.9 | 67.7 | 5.5 | 50.1 | 4.0 | 1,238.9 |
| 1959 | 1,106.2 | 87.2 | 26.9 | 2.1 | 55.0 | 4.3 | 80.9 | 6.4 | 1,269.0 |
| 1960 | 1,109.6 | 87.4 | 23.7 | 1.9 | 54.0 | 4.3 | 82.8 | 6.5 | 1,270.0 |
| 1961 | 1,074.9 | 82.2 | 96.1 | 7.4 | 51.3 | 3.9 | 85.4 | 6.5 | 1,307.7 |
| 1962 | 1,142.3 | 82.5 | 102.8 | 7.4 | 48.1 | 3.5 | 91.4 | 6.6 | 1,384.7 |

APPENDIX B

Missouri: Farm Production Expenses

| Year | Feed | | Livestock | | Seed, Lime & Fertilizer | | Repairs & Operation of Capital Items | | Hired Labor | | Dep. & Other Consumption of Farm Capital | | Taxes, Int. on Mortgage Net Rent & Misc. | | Total |
|------|--------------|---------------|--------------|---------------|----------------------------|---------------|---|---------------|--------------|---------------|---|---------------|---|---------------|--------------|
| | Mil. Dol. | % of Total | Mil. Dol. | % of Total | Mil. Dol. | % of Total | Mil. Dol. | % of Total | Mil. Dol. | % of Total | Mil. Dol. | % of Total | Mil. Dol. | % of Total | Mil. Dol. |
| 1949 | 117.8 | 20.0 | 86.3 | 14.6 | 41.6 | 7.1 | 83.3 | 14.1 | 61.1 | 10.4 | 74.9 | 12.7 | 124.9 | 21.2 | 590.1 |
| 1950 | 130.9 | 20.0 | 95.2 | 14.5 | 48.7 | 7.4 | 88.9 | 13.6 | 67.0 | 10.2 | 87.3 | 13.3 | 138.0 | 21.0 | 656.1 |
| 1951 | 165.2 | 23.1 | 82.3 | 11.5 | 55.3 | 7.7 | 99.5 | 13.9 | 62.4 | 8.7 | 104.5 | 14.6 | 146.5 | 20.5 | 715.9 |
| 1952 | 164.3 | 22.1 | 76.8 | 10.3 | 67.4 | 9.1 | 106.9 | 14.4 | 62.9 | 8.5 | 108.7 | 14.6 | 156.5 | 21.1 | 743.3 |
| 1953 | 150.6 | 21.6 | 49.3 | 7.1 | 64.7 | 9.3 | 109.4 | 15.7 | 62.7 | 9.0 | 114.0 | 16.3 | 147.0 | 21.1 | 697.7 |
| 1954 | 154.4 | 22.6 | 48.4 | 7.1 | 68.2 | 10.0 | 106.2 | 15.5 | 54.1 | 7.9 | 114.0 | 16.7 | 139.0 | 20.3 | 684.1 |
| 1955 | 148.6 | 21.5 | 48.6 | 7.0 | 63.2 | 9.1 | 108.5 | 15.7 | 53.3 | 7.7 | 116.8 | 16.9 | 152.8 | 22.1 | 691.8 |
| 1956 | 161.8 | 22.3 | 50.5 | 7.0 | 62.2 | 8.6 | 117.8 | 16.3 | 49.9 | 6.9 | 118.5 | 16.4 | 163.6 | 22.6 | 724.5 |
| 1957 | 163.6 | 22.3 | 50.6 | 6.9 | 64.2 | 8.8 | 123.9 | 16.9 | 51.4 | 7.0 | 126.0 | 17.2 | 153.3 | 21.0 | 733.1 |
| 1958 | 176.2 | 22.6 | 64.8 | 8.3 | 62.7 | 8.0 | 123.6 | 15.9 | 58.1 | 7.5 | 126.1 | 16.2 | 168.5 | 21.6 | 779.8 |
| 1959 | 176.6 | 21.0 | 72.0 | 8.6 | 73.2 | 9.9 | 135.7 | 16.1 | 55.1 | 6.5 | 150.2 | 17.8 | 179.6 | 21.3 | 842.4 |
| 1960 | 173.7 | 21.0 | 66.5 | 8.0 | 72.8 | 8.8 | 132.9 | 16.0 | 52.8 | 6.4 | 149.8 | 18.1 | 179.7 | 21.7 | 828.3 |
| 1961 | 190.5 | 22.3 | 64.1 | 7.5 | 73.9 | 8.7 | 131.7 | 15.4 | 52.8 | 6.2 | 149.1 | 17.5 | 191.1 | 22.4 | 853.4 |
| 1962 | 195.6 | 22.2 | 59.8 | 6.8 | 74.0 | 8.4 | 134.6 | 15.3 | 57.2 | 6.5 | 152.3 | 17.3 | 208.6 | 23.7 | 882.2 |

APPENDIX C

| Districts and Counties | Missouri Expenditures For Livestock Feed | | | Missouri Receipts For Livestock & Livestock Products | | |
|------------------------------|--|-------------------|-------------------|--|--------------------|--------------------|
| | 1939 (Dollars) | 1949 (Dollars) | 1959 (Dollars) | 1939 (Dollars) | 1949 (Dollars) | 1959 (Dollars) |
| NORTHWEST: | | | | | | |
| Andrew | 298,105 | 1,438,308 | 2,119,100 | 1,966,134 | 7,612,298 | 7,880,938 |
| Atchison | 338,075 | 1,122,989 | 1,814,056 | 2,722,648 | 7,902,763 | 12,273,631 |
| Buchanan | 301,664 | 1,047,702 | 1,478,896 | 1,274,363 | 5,513,886 | 5,248,833 |
| Caldwell | 146,358 | 893,955 | 1,761,166 | 1,284,772 | 5,254,389 | 6,860,081 |
| Clay | 826,433 | 2,730,640 | 3,507,192 | 2,847,370 | 10,155,957 | 11,940,709 |
| Clinton | 507,817 | 3,049,521 | 4,420,910 | 2,168,036 | 12,197,314 | 13,305,564 |
| Daviess | 237,352 | 1,129,473 | 1,492,197 | 1,694,095 | 5,899,641 | 6,953,055 |
| DeKalb | 220,752 | 1,269,863 | 1,602,001 | 1,527,303 | 6,385,154 | 7,812,053 |
| Gentry | 254,855 | 981,176 | 1,682,592 | 1,809,546 | 6,237,095 | 7,792,619 |
| Harrison | 259,634 | 1,376,940 | 2,665,185 | 2,154,553 | 7,676,402 | 9,284,732 |
| Holt | 247,646 | 830,991 | 1,479,983 | 1,591,586 | 5,749,719 | 7,187,807 |
| Nodaway | 478,837 | 2,772,672 | 3,211,575 | 3,474,811 | 14,317,190 | 16,242,697 |
| Platte | 279,937 | 1,215,053 | 1,427,935 | 1,288,239 | 5,184,296 | 4,681,623 |
| Ray | 312,455 | 1,589,174 | 1,716,119 | 2,096,794 | 7,193,194 | 8,386,992 |
| Worth | 80,692 | 421,500 | 565,580 | 910,090 | 3,071,429 | 3,015,810 |
| Total | <u>4,790,612</u> | <u>21,869,957</u> | <u>30,944,487</u> | <u>28,810,340</u> | <u>110,350,727</u> | <u>128,967,144</u> |
| NORTH CENTRAL: | | | | | | |
| Adair | 144,980 | 747,617 | 823,161 | 1,385,788 | 4,141,674 | 5,042,957 |
| Carroll | 254,780 | 1,326,587 | 2,287,629 | 1,674,347 | 7,309,588 | 9,011,325 |
| Chariton | 274,664 | 1,329,664 | 2,035,975 | 1,772,468 | 6,984,252 | 8,591,016 |
| Grundy | 124,817 | 880,309 | 1,087,184 | 1,196,588 | 4,103,738 | 5,758,086 |
| Linn | 204,679 | 1,149,616 | 2,369,223 | 1,934,639 | 6,446,635 | 8,579,767 |
| Livingston | 138,767 | 1,263,898 | 1,289,731 | 1,364,919 | 5,045,574 | 5,559,176 |
| Macon | 233,739 | 1,128,875 | 2,274,577 | 2,047,534 | 6,043,293 | 7,998,944 |
| Mercer | 116,378 | 764,779 | 951,877 | 1,075,385 | 4,283,635 | 5,323,724 |
| Putnam | 103,208 | 651,979 | 762,881 | 1,132,047 | 4,208,246 | 4,525,942 |
| Randolph | 164,651 | 789,474 | 976,125 | 1,130,820 | 3,940,543 | 4,459,770 |
| Schuyler | 105,099 | 416,337 | 425,005 | 965,477 | 2,736,665 | 3,350,099 |
| Sullivan | 141,512 | 861,625 | 1,420,705 | 1,611,286 | 5,522,018 | 6,897,985 |
| Total | <u>2,007,274</u> | <u>11,310,760</u> | <u>16,704,073</u> | <u>17,291,298</u> | <u>60,765,861</u> | <u>75,098,791</u> |

APPENDIX C (Cont.)

| Districts and Counties | Missouri Expenditures For Livestock Feed | | | Missouri Receipts For Livestock & Livestock Products | | |
|------------------------------|--|-------------------|-------------------|--|-------------------|-------------------|
| | 1939 (Dollars) | 1949 (Dollars) | 1959 (Dollars) | 1939 (Dollars) | 1949 (Dollars) | 1959 (Dollars) |
| NORTHEAST: | | | | | | |
| Audrain | 287,757 | 957,321 | 2,148,994 | 2,069,715 | 6,365,798 | 10,151,402 |
| Clark | 95,885 | 573,120 | 788,770 | 964,030 | 3,234,242 | 4,154,547 |
| Knox | 124,232 | 579,439 | 890,872 | 1,187,875 | 3,650,661 | 5,022,947 |
| Lewis | 148,406 | 650,795 | 1,089,625 | 1,246,115 | 4,217,526 | 5,498,769 |
| Marion | 219,689 | 851,876 | 905,419 | 1,609,148 | 4,626,266 | 4,626,494 |
| Monroe | 256,163 | 1,000,723 | 2,193,511 | 1,785,203 | 5,607,105 | 7,677,741 |
| Pike | 280,282 | 1,509,969 | 2,234,673 | 1,735,835 | 5,962,265 | 10,251,411 |
| Ralls | 131,056 | 632,422 | 840,016 | 1,086,365 | 3,853,269 | 4,378,323 |
| Scotland | 96,186 | 597,375 | 798,957 | 1,172,046 | 4,369,083 | 4,043,432 |
| Shelby | <u>158,060</u> | <u>819,306</u> | <u>1,516,596</u> | <u>1,503,508</u> | <u>4,577,863</u> | <u>7,100,521</u> |
| Total | <u>1,797,716</u> | <u>8,172,346</u> | <u>13,407,433</u> | <u>14,359,840</u> | <u>46,464,078</u> | <u>62,905,587</u> |
| WEST: | | | | | | |
| Bates | 349,771 | 1,178,683 | 1,783,980 | 1,818,229 | 7,328,003 | 9,289,903 |
| Cass | 329,715 | 1,715,013 | 2,194,625 | 2,115,756 | 8,449,249 | 9,647,854 |
| Cedar | 135,840 | 949,853 | 1,098,854 | 728,121 | 3,237,935 | 3,701,167 |
| Henry | 298,810 | 1,332,648 | 1,383,001 | 2,383,297 | 6,201,205 | 6,976,799 |
| Jackson | 966,668 | 2,004,550 | 1,602,219 | 3,352,721 | 7,454,071 | 7,138,770 |
| Johnson | 357,843 | 1,885,772 | 1,992,393 | 2,192,646 | 9,479,616 | 10,067,789 |
| Lafayette | 381,936 | 2,656,403 | 3,527,624 | 2,408,633 | 11,477,708 | 14,358,441 |
| St. Clair | 142,306 | 804,511 | 1,414,313 | 1,021,172 | 3,367,949 | 4,156,357 |
| Vernon | <u>269,913</u> | <u>1,277,096</u> | <u>1,308,223</u> | <u>1,343,295</u> | <u>5,103,832</u> | <u>5,364,945</u> |
| Totals | <u>3,232,802</u> | <u>13,804,529</u> | <u>16,305,232</u> | <u>17,363,870</u> | <u>62,099,568</u> | <u>70,702,025</u> |

APPENDIX C (Cont.)

| Districts and Counties | Missouri Expenditures For Livestock Feed | | | Missouri Receipts For Livestock & Livestock Products | | |
|------------------------------|--|-------------------|-------------------|--|-------------------|--------------------|
| | 1939 (Dollars) | 1949 (Dollars) | 1959 (Dollars) | 1939 (Dollars) | 1949 (Dollars) | 1959 (Dollars) |
| CENTRAL: | | | | | | |
| Benton | 193,793 | 745,017 | 1,158,915 | 1,158,245 | 3,658,476 | 5,272,951 |
| Boone | 389,941 | 1,139,807 | 1,688,771 | 1,639,487 | 5,471,640 | 6,832,680 |
| Callaway | 325,444 | 1,328,966 | 1,246,902 | 1,709,204 | 5,926,916 | 7,051,413 |
| Camden | 93,698 | 647,276 | 744,073 | 469,581 | 1,696,123 | 2,455,508 |
| Cole | 283,885 | 903,037 | 1,087,047 | 1,194,824 | 3,465,497 | 3,802,334 |
| Cooper | 308,485 | 1,539,589 | 2,243,769 | 1,733,400 | 7,496,123 | 9,290,454 |
| Dallas | 144,509 | 1,185,215 | 1,358,456 | 777,674 | 3,243,229 | 4,192,372 |
| Hickory | 93,801 | 572,423 | 547,290 | 607,220 | 2,240,198 | 2,256,928 |
| Howard | 242,636 | 982,479 | 1,205,890 | 1,358,712 | 5,141,149 | 6,030,837 |
| Laclede | 227,031 | 1,406,553 | 1,591,670 | 1,303,469 | 4,115,748 | 4,927,992 |
| Maries | 75,173 | 381,021 | 714,361 | 609,267 | 2,056,954 | 2,845,180 |
| Miller | 179,377 | 1,382,930 | 2,036,764 | 849,102 | 3,921,187 | 5,113,288 |
| Moniteau | 164,502 | 853,755 | 1,394,700 | 928,640 | 4,301,550 | 5,009,820 |
| Morgan | 154,359 | 837,430 | 1,222,290 | 670,808 | 2,868,439 | 4,055,914 |
| Osage | 120,148 | 901,755 | 3,656,492 | 779,778 | 3,829,541 | 6,931,661 |
| Pettis | 404,869 | 2,018,883 | 2,251,555 | 1,933,088 | 8,309,457 | 9,915,580 |
| Phelps | 153,122 | 591,052 | 728,845 | 750,216 | 2,018,615 | 4,036,506 |
| Polk | 346,297 | 2,028,067 | 3,082,208 | 1,557,739 | 6,773,333 | 9,017,030 |
| Pulaski | 117,125 | 367,910 | 622,265 | 560,061 | 1,873,161 | 2,528,090 |
| Saline | 408,044 | 1,987,220 | 2,804,749 | 2,792,951 | 11,003,127 | 13,849,202 |
| Totals | <u>4,426,239</u> | <u>21,800,385</u> | <u>31,387,012</u> | <u>23,383,466</u> | <u>89,410,463</u> | <u>115,415,740</u> |

APPENDIX C (Cont.)

| Districts and Counties | Missouri Expenditures For Livestock Feed | | | Missouri Receipts For Livestock & Livestock Products | | |
|-------------------------------|--|-------------------|-------------------|--|-------------------|-------------------|
| | 1939 (Dollars) | 1949 (Dollars) | 1959 (Dollars) | 1939 (Dollars) | 1949 (Dollars) | 1959 (Dollars) |
| EAST: | | | | | | |
| Crawford | 177,612 | 545,775 | 621,785 | 613,472 | 2,219,022 | 2,693,974 |
| Franklin | 451,944 | 2,135,975 | 2,994,636 | 1,932,228 | 7,015,865 | 8,307,435 |
| Gasconade | 113,642 | 530,960 | 846,675 | 614,170 | 2,411,720 | 3,054,830 |
| Jefferson | 249,593 | 621,675 | 738,678 | 992,761 | 3,268,675 | 2,763,650 |
| Lincoln | 312,084 | 1,251,855 | 2,649,120 | 1,510,534 | 5,625,199 | 8,790,099 |
| Montgomery | 180,684 | 795,022 | 1,336,080 | 1,112,034 | 3,819,386 | 5,279,610 |
| Perry | 205,147 | 812,800 | 1,572,605 | 1,140,782 | 4,528,349 | 5,796,497 |
| St. Charles | 245,767 | 1,186,135 | 1,655,295 | 1,292,644 | 5,388,883 | 5,624,736 |
| St. Francois | 118,501 | 362,425 | 576,640 | 554,260 | 1,904,336 | 3,080,524 |
| St. Louis & St. Louis City | 410,820 | 849,707 | 780,525 | 1,153,182 | 2,557,855 | 1,711,750 |
| Ste. Genevieve | 67,423 | 317,082 | 684,628 | 583,154 | 2,555,018 | 3,634,924 |
| Warren | 96,842 | 562,386 | 801,850 | 614,430 | 2,190,782 | 2,814,485 |
| Washington | <u>82,593</u> | <u>388,191</u> | <u>263,323</u> | <u>389,584</u> | <u>1,687,773</u> | <u>1,680,057</u> |
| Totals | <u>2,712,652</u> | <u>10,359,988</u> | <u>15,521,840</u> | <u>12,503,235</u> | <u>45,172,863</u> | <u>55,232,571</u> |
| SOUTHWEST: | | | | | | |
| Barry | 267,229 | 1,887,602 | 3,921,762 | 1,093,394 | 5,355,673 | 9,824,150 |
| Barton | 170,985 | 991,057 | 1,046,844 | 949,204 | 3,200,508 | 4,605,679 |
| Christian | 210,705 | 1,223,761 | 2,243,070 | 1,245,258 | 5,036,999 | 6,998,983 |
| Dade | 171,511 | 917,082 | 1,070,664 | 1,025,960 | 4,083,607 | 4,792,579 |
| Greene | 572,202 | 2,474,601 | 2,947,575 | 2,460,664 | 9,005,966 | 10,062,812 |
| Jasper | 299,896 | 1,416,038 | 1,474,172 | 1,097,144 | 5,019,732 | 5,374,814 |
| Lawrence | 260,156 | 1,410,397 | 2,384,305 | 1,339,017 | 6,458,154 | 7,783,132 |
| McDonald | 201,013 | 1,729,086 | 2,893,569 | 610,659 | 3,640,169 | 6,277,490 |
| Newton | 372,275 | 1,675,205 | 1,738,497 | 1,251,118 | 4,777,642 | 5,482,017 |
| Stone | <u>146,217</u> | <u>1,011,737</u> | <u>2,116,000</u> | <u>639,011</u> | <u>2,709,068</u> | <u>4,825,290</u> |
| Totals | <u>2,672,189</u> | <u>14,736,566</u> | <u>21,836,458</u> | <u>11,711,429</u> | <u>49,287,518</u> | <u>66,026,946</u> |

APPENDIX C (Cont.)

| Districts and Counties | Missouri Expenditures For Livestock Feed | | | Missouri Receipts For Livestock & Livestock Products | | |
|------------------------------|--|-------------------|-------------------|--|-------------------|-------------------|
| | 1939 (Dollars) | 1949 (Dollars) | 1959 (Dollars) | 1939 (Dollars) | 1949 (Dollars) | 1959 (Dollars) |
| SOUTH CENTRAL: | | | | | | |
| Bollinger | 101,019 | 551,700 | 675,610 | 613,366 | 2,158,138 | 2,647,604 |
| Carter | 30,490 | 133,740 | 146,472 | 108,325 | 388,236 | 660,996 |
| Dent | 200,949 | 536,669 | 551,593 | 754,905 | 1,727,472 | 2,668,071 |
| Douglas | 270,469 | 986,750 | 1,754,663 | 927,640 | 3,255,589 | 4,720,321 |
| Howell | 350,721 | 1,224,554 | 1,521,933 | 943,585 | 3,184,624 | 5,342,106 |
| Iron | 38,867 | 232,700 | 333,069 | 217,954 | 961,538 | 1,118,055 |
| Madison | 44,894 | 201,160 | 375,570 | 303,742 | 1,108,252 | 1,090,347 |
| Oregon | 200,632 | 856,010 | 1,279,563 | 717,547 | 2,853,777 | 4,043,553 |
| Ozark | 157,635 | 701,008 | 1,706,193 | 521,351 | 1,772,333 | 3,348,037 |
| Reynolds | 44,889 | 280,907 | 208,050 | 236,063 | 880,422 | 1,240,517 |
| Ripley | 118,953 | 324,820 | 339,680 | 377,510 | 1,038,482 | 1,870,389 |
| Shannon | 104,731 | 344,435 | 479,269 | 391,303 | 1,176,574 | 2,364,820 |
| Taney | 142,398 | 538,315 | 568,211 | 387,236 | 1,648,174 | 2,086,408 |
| Texas | 312,872 | 1,310,082 | 1,550,622 | 1,095,581 | 4,210,173 | 5,399,534 |
| Wayne | 69,430 | 223,574 | 444,039 | 353,654 | 1,083,100 | 1,949,546 |
| Webster | 389,314 | 1,389,595 | 1,779,985 | 1,469,429 | 4,928,074 | 6,836,018 |
| Wright | <u>323,652</u> | <u>1,217,343</u> | <u>1,821,960</u> | <u>1,083,311</u> | <u>3,848,707</u> | <u>5,148,372</u> |
| Totals | <u>2,901,915</u> | <u>11,053,362</u> | <u>15,536,482</u> | <u>10,502,502</u> | <u>36,223,665</u> | <u>52,534,694</u> |
| SOUTHEAST: | | | | | | |
| Butler | 129,608 | 607,659 | 787,964 | 587,806 | 1,521,311 | 2,584,778 |
| Cape Girardeau | 158,334 | 933,495 | 2,072,735 | 1,468,153 | 5,652,534 | 7,092,948 |
| Dunklin | 99,067 | 563,185 | 428,460 | 643,498 | 1,423,415 | 1,316,132 |
| Mississippi | 61,481 | 290,759 | 329,557 | 596,429 | 1,453,156 | 2,092,975 |
| New Madrid | 89,647 | 386,736 | 300,540 | 618,325 | 1,298,090 | 1,358,606 |
| Pemiscot | 158,137 | 317,940 | 171,455 | 350,091 | 556,069 | 471,026 |
| Scott | 66,110 | 709,305 | 806,820 | 589,385 | 2,641,962 | 2,841,973 |
| Stoddard | <u>122,272</u> | <u>737,210</u> | <u>1,154,149</u> | <u>1,063,823</u> | <u>3,684,204</u> | <u>3,893,979</u> |
| Totals | <u>884,656</u> | <u>4,546,289</u> | <u>6,051,680</u> | <u>5,917,510</u> | <u>18,230,741</u> | <u>21,652,417</u> |

APPENDIX D

| Year | <u>Cattle & Calves</u> | | | <u>Cash Receipts - Cattle & Calves</u> | | |
|------|----------------------------|---------------------------|------------------|--|-----------------|------------------|
| | No. Marketed U.S. (000) | No. Marketed Mo. (000) | Mo. % of U.S. | \$ U.S. (000) | \$ Mo. (000) | Mo. % of U.S. |
| 1924 | 28,450 | 1,454 | 5.1% | \$1,118,810 | \$ 69,735 | 6.2% |
| 1925 | 28,884 | 1,342 | 4.6 | 1,252,084 | 69,764 | 5.6 |
| 1926 | 28,355 | 1,400 | 4.9 | 1,271,219 | 73,173 | 5.8 |
| 1927 | 26,524 | 1,306 | 4.9 | 1,335,901 | 78,229 | 5.9 |
| 1928 | 25,064 | 1,200 | 4.8 | 1,555,762 | 85,620 | 5.5 |
| 1929 | 24,028 | 1,199 | 5.0 | 1,494,760 | 84,243 | 5.6 |
| 1930 | 23,894 | 1,262 | 5.3 | 1,183,573 | 66,238 | 5.6 |
| 1931 | 23,496 | 1,221 | 5.2 | 837,719 | 51,070 | 6.1 |
| 1932 | 22,739 | 1,342 | 5.9 | 620,561 | 41,685 | 6.7 |
| 1933 | 24,780 | 1,517 | 6.1 | 599,485 | 42,312 | 7.1 |
| 1934 | 34,775 | 1,681 | 4.8 | 812,823 | 40,257 | 5.0 |
| 1935 | 28,404 | 1,457 | 5.1 | 1,062,426 | 64,015 | 6.0 |
| 1936 | 30,020 | 1,480 | 4.9 | 1,113,564 | 60,657 | 5.4 |
| 1937 | 29,152 | 1,256 | 4.3 | 1,238,924 | 60,946 | 4.9 |
| 1938 | 28,112 | 1,213 | 4.3 | 1,162,422 | 60,297 | 5.2 |
| 1939 | 28,456 | 1,189 | 4.2 | 1,289,566 | 63,992 | 5.0 |
| 1940 | 28,778 | 1,326 | 4.6 | 1,375,631 | 71,907 | 5.2 |
| 1941 | 29,949 | 1,480 | 4.9 | 1,704,587 | 96,379 | 5.7 |
| 1942 | 32,527 | 1,568 | 4.8 | 2,262,549 | 121,341 | 5.4 |
| 1943 | 32,487 | 1,546 | 4.8 | 2,562,452 | 128,782 | 5.0 |
| 1944 | 37,950 | 2,063 | 5.4 | 2,604,481 | 153,561 | 5.9 |
| 1945 | 40,763 | 2,253 | 5.5 | 3,318,156 | 206,703 | 6.2 |
| 1946 | 39,293 | 1,991 | 5.1 | 3,761,321 | 231,326 | 6.1 |
| 1947 | 40,874 | 2,162 | 5.3 | 4,967,257 | 311,795 | 6.3 |
| 1948 | 36,024 | 1,649 | 4.5 | 5,284,839 | 259,350 | 4.9 |
| 1949 | 35,532 | 1,568 | 4.4 | 4,848,640 | 231,369 | 4.8 |
| 1950 | 34,692 | 1,472 | 4.2 | 5,679,708 | 259,938 | 4.6 |
| 1951 | 33,966 | 1,431 | 4.2 | 7,004,949 | 299,475 | 4.3 |
| 1952 | 35,898 | 1,494 | 4.2 | 6,205,603 | 258,608 | 4.2 |
| 1953 | 42,738 | 1,964 | 4.6 | 4,877,805 | 234,155 | 4.8 |
| 1954 | 46,136 | 1,971 | 4.3 | 5,088,323 | 226,858 | 4.5 |
| 1955 | 47,295 | 1,844 | 3.9 | 5,245,324 | 210,741 | 4.0 |
| 1956 | 49,733 | 1,829 | 3.7 | 5,352,745 | 218,354 | 4.1 |
| 1957 | 47,595 | 1,998 | 4.2 | 5,944,023 | 275,426 | 4.6 |
| 1958 | 44,284 | 1,555 | 3.5 | 7,321,653 | 275,959 | 3.8 |
| 1959 | 44,107 | 1,724 | 3.9 | 7,833,705 | 330,252 | 4.2 |
| 1960 | 46,432 | 1,687 | 3.6 | 7,387,798 | 292,210 | 4.0 |
| 1961 | 47,078 | 1,651 | 3.4 | 7,564,466 | 293,736 | 3.8 |
| 1962 | 48,526 | 1,825 | 3.8 | 8,176,867 | 341,791 | 4.2 |
| 1963 | 49,565 | 1,756 | 3.5 | 8,069,566 | 312,483 | 3.9 |

APPENDIX D (Cont.)

| Year | Cattle Marketed | | | Calves Marketed | | |
|------|----------------------------|---------------------------|------------------|----------------------------|---------------------------|------------------|
| | No. Marketed U.S. (000) | No. Marketed Mo. (000) | Mo. % of U.S. | No. Marketed U.S. (000) | No. Marketed Mo. (000) | Mo. % of U.S. |
| 1924 | 19,046 | 1,141 | 6.0% | 9,404 | 313 | 3.3% |
| 1925 | 19,142 | 1,002 | 5.2 | 9,742 | 340 | 3.5 |
| 1926 | 18,433 | 1,025 | 5.6 | 9,922 | 375 | 3.8 |
| 1927 | 17,448 | 972 | 5.6 | 9,076 | 334 | 3.7 |
| 1928 | 16,628 | 850 | 5.1 | 8,436 | 350 | 4.1 |
| 1929 | 15,882 | 840 | 5.3 | 8,146 | 359 | 4.4 |
| 1930 | 15,232 | 800 | 5.3 | 8,662 | 462 | 5.3 |
| 1931 | 15,021 | 840 | 5.6 | 8,475 | 381 | 4.5 |
| 1932 | 14,569 | 920 | 6.3 | 8,170 | 422 | 5.2 |
| 1933 | 15,928 | 1,003 | 6.3 | 8,852 | 514 | 5.8 |
| 1934 | 23,325 | 1,080 | 4.6 | 11,450 | 601 | 5.2 |
| 1935 | 19,041 | 980 | 5.1 | 9,363 | 477 | 5.1 |
| 1936 | 19,991 | 987 | 4.9 | 10,029 | 493 | 4.9 |
| 1937 | 18,854 | 806 | 4.3 | 10,298 | 450 | 4.4 |
| 1938 | 18,552 | 827 | 4.5 | 9,560 | 386 | 4.0 |
| 1939 | 18,380 | 840 | 4.6 | 10,076 | 349 | 3.5 |
| 1940 | 18,413 | 895 | 4.9 | 10,365 | 431 | 4.2 |
| 1941 | 18,948 | 1,016 | 5.4 | 11,001 | 464 | 4.2 |
| 1942 | 20,740 | 1,083 | 5.2 | 11,787 | 485 | 4.1 |
| 1943 | 21,310 | 1,057 | 5.0 | 11,177 | 489 | 4.4 |
| 1944 | 23,627 | 1,397 | 5.9 | 14,323 | 666 | 4.6 |
| 1945 | 27,541 | 1,666 | 6.0 | 13,222 | 587 | 4.4 |
| 1946 | 26,267 | 1,485 | 5.7 | 13,026 | 506 | 3.9 |
| 1947 | 26,981 | 1,548 | 5.7 | 13,893 | 614 | 4.4 |
| 1948 | 23,417 | 1,097 | 4.7 | 12,607 | 552 | 4.4 |
| 1949 | 22,905 | 1,039 | 4.5 | 12,627 | 529 | 4.2 |
| 1950 | 22,664 | 979 | 4.3 | 12,028 | 493 | 4.1 |
| 1951 | 22,638 | 922 | 4.1 | 11,328 | 509 | 4.5 |
| 1952 | 23,652 | 935 | 4.0 | 12,246 | 559 | 4.6 |
| 1953 | 28,307 | 1,335 | 4.7 | 14,431 | 629 | 4.4 |
| 1954 | 30,622 | 1,321 | 4.3 | 15,514 | 650 | 4.2 |
| 1955 | 31,998 | 1,242 | 3.9 | 15,297 | 602 | 3.9 |
| 1956 | 34,155 | 1,325 | 3.9 | 15,578 | 504 | 3.2 |
| 1957 | 32,975 | 1,461 | 4.4 | 14,620 | 537 | 3.7 |
| 1958 | 31,174 | 1,129 | 3.6 | 13,110 | 426 | 3.2 |
| 1959 | 32,130 | 1,308 | 4.1 | 11,977 | 416 | 3.5 |
| 1960 | 34,378 | 1,304 | 3.8 | 12,054 | 383 | 3.2 |
| 1961 | 35,224 | 1,279 | 3.6 | 11,854 | 372 | 3.1 |
| 1962 | 36,470 | 1,402 | 3.8 | 12,056 | 423 | 3.5 |
| 1963 | 37,738 | 1,342 | 3.6 | 11,827 | 414 | 3.5 |

APPENDIX D (Cont.)

| Year | <u>Cows & Heifers on Farms-2 Yrs. & Older</u> | | | <u>Cattle on Feed - 26 States, Jan. 1</u> | | |
|------|---|-----------------------|------------------|---|-----------------------|------------------|
| | No. Head U.S. (000) | No. Head Mo. (000) | Mo. % of U.S. | No. Head U.S. (000) | No. Head Mo. (000) | Mo. % of U.S. |
| 1924 | 11,926 | 390 | 3.3% | | | |
| 1925 | 11,204 | 332 | 3.0 | | | |
| 1926 | 10,294 | 319 | 3.1 | | | |
| 1927 | 9,439 | 310 | 3.3 | | | |
| 1928 | 8,926 | 304 | 3.4 | | | |
| 1929 | 8,997 | 308 | 3.4 | | | |
| 1930 | 9,162 | 338 | 3.7 | 3,113 | 235 | 7.5% |
| 1931 | 9,809 | 378 | 3.9 | 3,025 | 221 | 7.3 |
| 1932 | 10,439 | 409 | 3.9 | 2,878 | 250 | 8.7 |
| 1933 | 11,346 | 420 | 3.7 | 3,080 | 260 | 8.4 |
| 1934 | 12,678 | 428 | 3.4 | 2,890 | 216 | 7.5 |
| 1935 | 11,151 | 403 | 3.6 | 2,215 | 162 | 7.3 |
| 1936 | 11,048 | 373 | 3.4 | 3,202 | 211 | 6.6 |
| 1937 | 10,682 | 344 | 3.2 | 2,759 | 182 | 6.6 |
| 1938 | 10,132 | 331 | 3.3 | 3,336 | 200 | 6.0 |
| 1939 | 9,987 | 359 | 3.6 | 3,303 | 210 | 6.4 |
| 1940 | 10,676 | 429 | 4.0 | 3,633 | 265 | 7.3 |
| 1941 | 11,366 | 476 | 4.2 | 4,065 | 290 | 7.1 |
| 1942 | 12,578 | 524 | 4.2 | 4,185 | 290 | 6.9 |
| 1943 | 13,980 | 587 | 4.2 | 4,445 | 310 | 7.0 |
| 1944 | 15,521 | 625 | 4.0 | 4,015 | 279 | 6.9 |
| 1945 | 16,456 | 620 | 3.8 | 4,411 | 293 | 6.6 |
| 1946 | 16,408 | 582 | 3.5 | 4,211 | 289 | 6.9 |
| 1947 | 16,488 | 610 | 3.7 | 4,322 | 300 | 6.9 |
| 1948 | 16,010 | 574 | 3.6 | 3,821 | 240 | 6.3 |
| 1949 | 15,919 | 559 | 3.5 | 4,540 | 300 | 6.6 |
| 1950 | 16,743 | 594 | 3.5 | 4,390 | 242 | 5.5 |
| 1951 | 18,526 | 670 | 3.6 | 4,534 | 230 | 5.1 |
| 1952 | 20,863 | 856 | 4.1 | 4,961 | 207 | 4.2 |
| 1953 | 23,291 | 961 | 4.1 | 5,762 | 253 | 4.4 |
| 1954 | 25,050 | 1,065 | 4.3 | 5,370 | 223 | 4.2 |
| 1955 | 25,659 | 1,056 | 4.1 | 5,795 | 234 | 4.0 |
| 1956 | 25,371 | 1,039 | 4.1 | 5,929 | 281 | 4.7 |
| 1957 | 24,534 | 1,027 | 4.2 | 6,122 | 281 | 4.6 |
| 1958 | 24,165 | 971 | 4.0 | 5,898 | 292 | 5.0 |
| 1959 | 25,112 | 1,073 | 4.3 | 6,601 | 265 | 4.0 |
| 1960 | 26,344 | 1,135 | 4.3 | 7,173 | 270 | 3.8 |
| 1961 | 27,102 | 1,169 | 4.3 | 7,645 | 297 | 3.9 |
| 1962 | 28,305 | 1,227 | 4.3 | 7,865 | 255 | 3.2 |
| 1963 | 29,893 | 1,320 | 4.4 | 8,887 | 268 | 3.0 |

APPENDIX E

| Year | Hogs Marketed | | | Cash Receipts for Hogs | | |
|------|----------------------------|---------------------------|-----------------|------------------------|-----------------|-----------------|
| | No. Marketed U.S. (000) | No. Marketed Mo. (000) | Mo.% of U.S. | \$ U.S. (000) | \$ Mo. (000) | Mo.% of U.S. |
| 1924 | 62,611 | 4,936 | 7.9% | \$1,063,975 | \$ 76,027 | 7.1% |
| 1925 | 51,975 | 4,021 | 7.7 | 1,318,612 | 95,016 | 7.2 |
| 1926 | 49,233 | 3,840 | 7.8 | 1,407,212 | 104,531 | 7.4 |
| 1927 | 53,171 | 4,301 | 8.1 | 1,237,499 | 94,812 | 7.7 |
| 1928 | 60,019 | 4,825 | 8.0 | 1,218,466 | 96,153 | 7.9 |
| 1929 | 58,245 | 4,673 | 8.0 | 1,296,765 | 101,830 | 7.9 |
| 1930 | 53,796 | 4,116 | 7.7 | 1,135,500 | 83,106 | 7.3 |
| 1931 | 55,972 | 3,822 | 6.8 | 774,228 | 50,979 | 6.6 |
| 1932 | 55,844 | 4,476 | 8.0 | 444,592 | 34,897 | 7.8 |
| 1933 | 65,661 | 6,011 | 9.2 | 523,866 | 46,406 | 8.9 |
| 1934 | 55,750 | 4,322 | 7.8 | 520,339 | 38,816 | 7.5 |
| 1935 | 32,749 | 2,339 | 7.1 | 681,804 | 45,339 | 6.7 |
| 1936 | 44,809 | 2,901 | 6.5 | 991,086 | 59,798 | 6.0 |
| 1937 | 40,665 | 2,248 | 5.5 | 924,965 | 48,726 | 5.3 |
| 1938 | 46,089 | 2,804 | 6.1 | 870,207 | 49,192 | 5.7 |
| 1939 | 52,906 | 3,592 | 6.8 | 809,615 | 51,608 | 6.4 |
| 1940 | 64,262 | 4,528 | 7.0 | 835,618 | 55,599 | 6.7 |
| 1941 | 57,695 | 4,255 | 7.4 | 1,302,404 | 92,063 | 7.1 |
| 1942 | 67,423 | 4,710 | 7.0 | 2,198,015 | 146,820 | 6.7 |
| 1943 | 83,187 | 5,578 | 6.7 | 2,929,215 | 185,318 | 6.3 |
| 1944 | 86,331 | 5,772 | 6.7 | 2,800,202 | 180,220 | 6.4 |
| 1945 | 61,035 | 4,238 | 6.9 | 2,262,963 | 150,207 | 6.6 |
| 1946 | 64,409 | 4,344 | 6.7 | 2,916,591 | 184,919 | 6.3 |
| 1947 | 63,499 | 4,535 | 7.1 | 3,926,412 | 271,231 | 6.9 |
| 1948 | 61,790 | 4,401 | 7.1 | 3,659,884 | 255,957 | 7.0 |
| 1949 | 69,249 | 4,953 | 7.2 | 3,124,726 | 223,852 | 7.2 |
| 1950 | 72,673 | 5,486 | 7.5 | 3,214,247 | 241,578 | 7.5 |
| 1951 | 79,142 | 6,070 | 7.7 | 3,889,145 | 296,408 | 7.6 |
| 1952 | 80,448 | 5,306 | 6.6 | 3,464,118 | 229,454 | 6.6 |
| 1953 | 68,572 | 4,647 | 6.8 | 3,483,040 | 230,907 | 6.6 |
| 1954 | 66,012 | 4,602 | 6.9 | 3,454,542 | 239,031 | 6.9 |
| 1955 | 75,400 | 4,913 | 6.5 | 2,693,958 | 177,198 | 6.6 |
| 1956 | 79,091 | 5,811 | 7.3 | 2,637,734 | 194,480 | 7.4 |
| 1957 | 74,087 | 5,528 | 7.5 | 3,062,318 | 229,107 | 7.5 |
| 1958 | 73,419 | 5,183 | 7.1 | 3,366,859 | 237,123 | 7.0 |
| 1959 | 84,379 | 5,767 | 6.8 | 2,783,899 | 189,332 | 6.8 |
| 1960 | 79,938 | 5,709 | 7.1 | 2,868,987 | 203,389 | 7.1 |
| 1961 | 80,012 | 5,771 | 7.2 | 3,140,201 | 226,868 | 7.5 |
| 1962 | 81,476 | 5,765 | 7.1 | 3,149,705 | 222,722 | 7.1 |
| 1963 | 86,197 | 6,187 | 7.2 | 3,034,529 | 223,776 | 7.4 |

APPENDIX E (Cont.)

APPENDIX F

| Year | <u>Hogs on Farms-Jan. 1</u> | | | <u>Sheep & Lambs Marketed</u> | | |
|------|-----------------------------|-----------------------|------------------|-----------------------------------|---------------------------|------------------|
| | No. Head U.S. (000) | No. Head Mo. (000) | Mo. % of U.S. | No. Marketed U.S. (000) | No. Marketed Mo. (000) | Mo. % of U.S. |
| 1924 | 66,576 | 4,860 | 7.3% | 22,026 | 878 | 4.0% |
| 1925 | 55,770 | 3,864 | 6.9 | 21,977 | 804 | 3.7 |
| 1926 | 52,105 | 3,600 | 6.9 | 23,143 | 881 | 3.8 |
| 1927 | 55,496 | 3,991 | 7.2 | 22,711 | 982 | 4.3 |
| 1928 | 61,873 | 4,270 | 6.9 | 23,809 | 896 | 3.8 |
| 1929 | 59,042 | 4,313 | 7.3 | 24,825 | 936 | 3.8 |
| 1930 | 55,705 | 3,750 | 6.7 | 27,356 | 930 | 3.4 |
| 1931 | 54,835 | 3,488 | 6.4 | 31,218 | 1,019 | 3.3 |
| 1932 | 59,301 | 4,100 | 6.9 | 27,960 | 981 | 3.5 |
| 1933 | 62,127 | 4,674 | 7.5 | 28,003 | 1,019 | 3.6 |
| 1934 | 58,621 | 4,113 | 7.0 | 32,092 | 976 | 3.0 |
| 1935 | 39,066 | 2,400 | 6.1 | 28,356 | 1,048 | 3.7 |
| 1936 | 42,975 | 2,760 | 6.4 | 28,833 | 1,000 | 3.5 |
| 1937 | 43,083 | 2,622 | 6.1 | 28,824 | 1,001 | 3.5 |
| 1938 | 44,525 | 2,622 | 5.9 | 30,332 | 1,047 | 3.5 |
| 1939 | 50,012 | 3,170 | 6.3 | 29,874 | 1,151 | 3.9 |
| 1940 | 61,165 | 3,920 | 6.4 | 30,230 | 1,197 | 4.0 |
| 1941 | 54,353 | 3,606 | 6.6 | 30,741 | 1,401 | 4.6 |
| 1942 | 60,607 | 3,931 | 6.5 | 34,662 | 1,527 | 4.4 |
| 1943 | 73,881 | 4,914 | 6.7 | 35,323 | 1,526 | 4.3 |
| 1944 | 83,741 | 5,405 | 6.5 | 32,711 | 1,386 | 4.2 |
| 1945 | 59,373 | 3,795 | 6.4 | 32,316 | 1,464 | 4.5 |
| 1946 | 61,306 | 3,795 | 6.2 | 30,846 | 1,281 | 4.2 |
| 1947 | 56,810 | 3,605 | 6.3 | 26,161 | 1,223 | 4.7 |
| 1948 | 54,590 | 3,425 | 6.3 | 23,775 | 1,099 | 4.6 |
| 1949 | 56,257 | 3,699 | 6.6 | 20,257 | 1,031 | 5.1 |
| 1950 | 58,937 | 4,180 | 7.1 | 19,126 | 876 | 4.6 |
| 1951 | 62,269 | 4,514 | 7.3 | 18,701 | 774 | 4.1 |
| 1952 | 62,117 | 4,017 | 6.5 | 20,306 | 850 | 4.2 |
| 1953 | 51,755 | 3,214 | 6.2 | 20,884 | 873 | 4.2 |
| 1954 | 45,114 | 2,925 | 6.5 | 21,658 | 768 | 3.5 |
| 1955 | 50,474 | 3,130 | 6.2 | 21,632 | 705 | 3.3 |
| 1956 | 55,354 | 3,819 | 6.9 | 22,606 | 763 | 3.4 |
| 1957 | 51,897 | 3,628 | 7.0 | 20,280 | 808 | 4.0 |
| 1958 | 51,517 | 3,374 | 6.5 | 20,624 | 677 | 3.3 |
| 1959 | 58,045 | 3,813 | 6.6 | 21,720 | 679 | 3.1 |
| 1960 | 59,026 | 4,232 | 7.2 | 22,634 | 619 | 2.7 |
| 1961 | 55,506 | 3,893 | 7.0 | 23,941 | 514 | 2.1 |
| 1962 | 57,000 | 3,932 | 6.9 | 22,792 | 574 | 2.5 |
| 1963 | 58,824 | 4,207 | 7.2 | 21,830 | 383 | 1.8 |

APPENDIX F (Cont.)

| Year | Lambs Marketed | | | Sheep & Lambs on Farms | | |
|------|----------------------------|---------------------------|------------------|------------------------|-----------------------|------------------|
| | No. Marketed U.S. (000) | No. Marketed Mo. (000) | Mo. % of U.S. | No. Head U.S. (000) | No. Head Mo. (000) | Mo. % of U.S. |
| 1924 | 19,389 | 850 | 4.4% | 37,139 | 928 | 2.5% |
| 1925 | 18,865 | 780 | 4.1 | 38,543 | 894 | 2.3 |
| 1926 | 19,887 | 795 | 4.0 | 40,363 | 940 | 2.3 |
| 1927 | 19,485 | 916 | 4.7 | 42,415 | 986 | 2.3 |
| 1928 | 20,882 | 812 | 3.9 | 45,258 | 942 | 2.1 |
| 1929 | 21,902 | 887 | 4.1 | 48,381 | 1,131 | 2.3 |
| 1930 | 24,144 | 789 | 3.3 | 51,565 | 1,180 | 2.3 |
| 1931 | 26,862 | 944 | 3.5 | 53,233 | 1,220 | 2.3 |
| 1932 | 25,017 | 911 | 3.6 | 53,902 | 1,252 | 2.3 |
| 1933 | 25,178 | 918 | 3.6 | 53,054 | 1,269 | 2.4 |
| 1934 | 25,079 | 873 | 3.5 | 53,503 | 1,310 | 2.4 |
| 1935 | 23,796 | 919 | 3.9 | 51,808 | 1,332 | 2.6 |
| 1936 | 24,206 | 871 | 3.6 | 51,136 | 1,386 | 2.7 |
| 1937 | 24,245 | 908 | 3.7 | 50,848 | 1,373 | 2.7 |
| 1938 | 25,767 | 951 | 3.7 | 51,063 | 1,441 | 2.8 |
| 1939 | 25,459 | 1,095 | 4.3 | 51,348 | 1,537 | 3.0 |
| 1940 | 25,846 | 1,033 | 4.0 | 52,107 | 1,695 | 3.3 |
| 1941 | 26,510 | 1,280 | 4.8 | 53,920 | 1,695 | 3.1 |
| 1942 | 28,598 | 1,347 | 4.7 | 56,213 | 1,770 | 3.1 |
| 1943 | 27,505 | 1,308 | 4.8 | 55,150 | 1,780 | 3.2 |
| 1944 | 25,349 | 1,073 | 4.2 | 50,782 | 1,702 | 3.4 |
| 1945 | 24,983 | 1,227 | 4.9 | 46,520 | 1,522 | 3.3 |
| 1946 | 24,088 | 1,094 | 4.5 | 42,362 | 1,334 | 3.1 |
| 1947 | 20,937 | 999 | 4.8 | 37,498 | 1,264 | 3.4 |
| 1948 | 18,947 | 948 | 5.0 | 34,337 | 1,118 | 3.3 |
| 1949 | 16,784 | 856 | 5.1 | 30,943 | 1,056 | 3.2 |
| 1950 | 16,486 | 782 | 4.7 | 29,826 | 968 | 3.2 |
| 1951 | 15,457 | 655 | 4.2 | 30,633 | 958 | 3.1 |
| 1952 | 17,086 | 738 | 4.3 | 31,982 | 983 | 3.1 |
| 1953 | 17,939 | 743 | 4.1 | 31,900 | 948 | 3.0 |
| 1954 | 18,832 | 667 | 3.5 | 31,356 | 824 | 2.6 |
| 1955 | 18,736 | 686 | 3.7 | 31,582 | 811 | 2.6 |
| 1956 | 19,521 | 701 | 3.6 | 31,157 | 861 | 2.8 |
| 1957 | 18,099 | 679 | 3.8 | 30,654 | 924 | 3.0 |
| 1958 | 18,272 | 579 | 3.2 | 31,217 | 860 | 2.8 |
| 1959 | 19,165 | 580 | 3.0 | 32,606 | 851 | 2.6 |
| 1960 | 19,298 | 514 | 2.7 | 33,170 | 803 | 2.4 |
| 1961 | 20,044 | 422 | 2.1 | 32,982 | 762 | 2.3 |
| 1962 | 19,257 | 439 | 2.3 | 31,320 | 717 | 2.3 |
| 1963 | 18,568 | 348 | 1.9 | 29,777 | 586 | 2.0 |

APPENDIX F (Cont.)

| Year | Cash Receipts - Sheep & Lambs | | | Sheep Marketed | | |
|------|-------------------------------|-----------------|-----------------|----------------------------|---------------------------|-----------------|
| | \$ U.S. (000) | \$ Mo. (000) | Mo.% of U.S. | No. Marketed U.S. (000) | No. Marketed Mo. (000) | Mo.% of U.S. |
| 1924 | \$180,817 | \$ 7,020 | 3.9% | 2,637 | 28 | 1.1% |
| 1925 | 206,847 | 7,333 | 3.5 | 3,112 | 24 | .8 |
| 1926 | 205,128 | 7,639 | 3.7 | 3,256 | 86 | 2.6 |
| 1927 | 197,311 | 8,393 | 4.3 | 3,226 | 66 | 2.0 |
| 1928 | 220,969 | 8,323 | 3.8 | 2,927 | 84 | 2.9 |
| 1929 | 224,696 | 8,551 | 3.8 | 2,923 | 49 | 1.7 |
| 1930 | 161,522 | 5,747 | 3.6 | 3,212 | 141 | 4.4 |
| 1931 | 130,124 | 4,506 | 3.5 | 4,356 | 75 | 1.7 |
| 1932 | 93,037 | 3,356 | 3.6 | 2,943 | 70 | 2.4 |
| 1933 | 104,984 | 4,142 | 3.9 | 2,825 | 101 | 3.6 |
| 1934 | 131,691 | 4,511 | 3.4 | 7,013 | 103 | 1.5 |
| 1935 | 152,216 | 5,954 | 3.9 | 4,560 | 129 | 2.8 |
| 1936 | 165,950 | 6,253 | 3.8 | 4,627 | 129 | 2.8 |
| 1937 | 185,881 | 6,998 | 3.8 | 4,579 | 92 | 2.0 |
| 1938 | 157,451 | 6,094 | 3.9 | 4,565 | 96 | 2.1 |
| 1939 | 171,917 | 7,233 | 4.2 | 4,415 | 56 | 1.3 |
| 1940 | 179,997 | 7,811 | 4.3 | 4,384 | 164 | 3.7 |
| 1941 | 226,028 | 10,919 | 4.8 | 4,231 | 121 | 2.9 |
| 1942 | 305,932 | 14,532 | 4.8 | 6,064 | 180 | 3.0 |
| 1943 | 342,397 | 15,266 | 4.5 | 7,818 | 218 | 2.8 |
| 1944 | 300,446 | 12,964 | 4.3 | 7,362 | 313 | 4.3 |
| 1945 | 319,492 | 15,200 | 4.8 | 7,333 | 237 | 3.2 |
| 1946 | 363,138 | 16,656 | 4.6 | 6,758 | 187 | 2.8 |
| 1947 | 401,500 | 19,546 | 4.9 | 5,224 | 224 | 4.3 |
| 1948 | 409,422 | 21,300 | 5.2 | 4,828 | 151 | 3.1 |
| 1949 | 350,835 | 18,099 | 5.1 | 3,473 | 175 | 5.0 |
| 1950 | 387,344 | 18,047 | 4.7 | 2,640 | 94 | 3.6 |
| 1951 | 466,310 | 18,879 | 4.0 | 3,244 | 119 | 3.7 |
| 1952 | 390,821 | 16,745 | 4.3 | 3,220 | 112 | 3.5 |
| 1953 | 316,978 | 13,581 | 4.3 | 2,945 | 130 | 4.4 |
| 1954 | 325,224 | 11,931 | 3.7 | 2,826 | 101 | 3.5 |
| 1955 | 316,194 | 11,703 | 3.7 | 2,896 | 19 | .7 |
| 1956 | 330,216 | 12,844 | 3.9 | 3,085 | 62 | 2.0 |
| 1957 | 329,558 | 13,332 | 4.0 | 2,181 | 129 | 5.9 |
| 1958 | 358,069 | 12,212 | 3.4 | 2,352 | 98 | 4.2 |
| 1959 | 334,443 | 11,024 | 3.3 | 2,555 | 99 | 3.9 |
| 1960 | 327,061 | 9,431 | 2.9 | 3,336 | 105 | 3.1 |
| 1961 | 301,678 | 6,926 | 2.3 | 3,897 | 92 | 2.4 |
| 1962 | 324,314 | 8,008 | 2.5 | 3,535 | 135 | 3.8 |
| 1963 | 319,348 | 6,259 | 2.0 | 3,262 | 35 | 1.1 |

