

Table 6. Cattle and Calves—Inventory and Number Sold—by Number of Cattle and Calves Per Farm: 1969

| | Inventory | | | | Sales | | | |
|-----------------------------|-------------------------|---------|----------------|---------|-------------------------|---------|----------------|---------|
| | Farms reporting (1,000) | Percent | Number (1,000) | Percent | Farms reporting (1,000) | Percent | Number (1,000) | Percent |
| Total, class 1-5 farms... | 1,177.7 | 100.0 | 98,227 | 100.0 | 1,188.5 | 100.0 | 71,101 | 100.0 |
| Cattle and calves per farm: | | | | | | | | |
| 1 to 9..... | 98.2 | 8.3 | 490 | 0.5 | 62.9 | 5.3 | 745 | 1.0 |
| 10 to 19... | 140.8 | 12.0 | 2,027 | 2.1 | 140.8 | 11.9 | 1,675 | 2.4 |
| 20 to 49... | 407.1 | 34.6 | 13,415 | 13.6 | 407.0 | 34.2 | 8,513 | 12.0 |
| 50 to 99... | 305.2 | 25.9 | 20,919 | 21.3 | 305.2 | 25.7 | 11,299 | 15.9 |
| 100 to 199. | 145.7 | 12.4 | 19,404 | 19.8 | 145.6 | 12.2 | 11,054 | 15.5 |
| 200 to 499. | 62.6 | 5.3 | 18,040 | 18.4 | 62.5 | 5.3 | 11,652 | 16.4 |
| 500 to 999. | 12.2 | 1.0 | 8,066 | 8.2 | 12.1 | 1.0 | 5,641 | 7.9 |
| 1,000 to 2,499..... | 4.5 | 0.4 | 6,483 | 6.6 | 4.5 | 0.4 | 5,108 | 7.2 |
| 2,500 and over..... | 1.4 | 0.1 | 9,383 | 9.5 | 1.4 | 0.1 | 12,485 | 17.6 |
| None..... | - | - | - | - | 46.5 | 3.9 | 2,929 | 4.1 |

The prevailing trends in the cattle industry were also evident for farms with cow herds. Class 1-5 farms with cows, decreased in number by almost 20 percent between 1964 and 1969. The entire net decrease occurred on farms with less than 50 cows.

Table 7. Cows by Number Per Farm: 1959 to 1969

| | Farms reporting | | |
|-----------------------------|-----------------|-----------|-----------|
| | 1969 | 1964 | 1959 |
| Total, class 1-5 farms..... | 1,018,131 | 1,210,982 | 1,463,978 |
| Cows per farm: | | | |
| 1 to 4..... | 87,838 | 164,746 | 497,679 |
| 5 to 9..... | 94,984 | 135,840 | |
| 10 to 19..... | 220,025 | 289,471 | |
| 20 to 29..... | 186,680 | 221,873 | |
| 30 to 49..... | 213,282 | 214,762 | 186,933 |
| 50 to 99..... | 142,216 | 122,608 | 90,726 |
| 100 to 199..... | 49,700 | 41,042 | |
| 200 to 499..... | 19,034 | 20,640 | |
| 500 to 999..... | 3,162 | | |
| 1,000 and over..... | 1,210 | | |

The trend toward large cow herds continued. From 1964 to 1969, there was a 16 percent increase in the number of farms having cow herds of 100 head and over. The overall decrease in the total number of cows was the result of a 3.4 million reduction in the number of milk cows. Cows other than milk cows increased by 1.6 million.

| | Number of cows including heifers that had calved (million) | Number of milk cows (million) | Number of cows including heifers that had calved minus milk cows (million) |
|-----------|--|-------------------------------|--|
| 1969..... | 45.5 | 11.2 | 34.3 |
| 1964..... | 47.3 | 14.6 | 32.7 |
| 1959..... | 41.3 | 16.5 | 24.8 |
| 1954..... | 45.2 | 20.2 | 25.0 |
| 1950..... | 37.3 | 21.2 | 16.1 |
| 1940..... | 33.6 | 24.1 | 9.5 |
| 1930..... | 28.3 | 20.5 | 7.8 |
| 1920..... | 32.4 | 19.7 | 12.7 |
| 1900..... | 28.7 | 17.1 | 11.6 |

From 1964 to 1969, the number of farms selling cattle and calves decreased by 17.4 percent, but during the same time

period, the total number of cattle and calves sold increased by 18.5 percent. On farms with a value of sales of \$2,500 and over, cattle sold, excluding calves sold, increased by 24 percent. Most of this increase was on farms from which 500 head and over were sold. These farms accounted for almost one-half of all cattle sold from class 1-5 farms.

The ratio of cattle fattened on grain and concentrates for slaughter to the total number of cattle and calves sold, remained almost constant for class 1-5 farms between 1964 and 1969. In both years, about 37 percent of the total number sold were fattened cattle and calves. But the increased ratio of cattle sold to cattle on hand (.70 in 1969 compared to .60 in 1964) is a measure of increased interfarm sales of cattle and may be indicative of the emergence of warmup or backgrounding feedlot operations. In many cases, cattle or calves are placed in these lots for from a few weeks to several months before being transferred to finishing feed yards. Such transfers are treated as sales on the census reports. These additional interfarm sales, in turn, lower the proportion of total sales made up by cattle fattened on grain and concentrates and sold for slaughter.

Within the cattle-feeding industry itself there was increased concentration of production on larger farms and feedlots. In 1964, 47 percent of fattened cattle were sold from farms selling 500 head and over. By 1969, the percentage of fat cattle sold coming from these farms had increased to 65 percent.

Table 8. Cattle Excluding Calves—Sales, Number Fattened on Grain and Concentrates—by Number Sold per Farm: 1969 and 1964

| | Farms selling any | | Number sold | | | |
|-----------------------------|-------------------|---------|-------------|------------|--|------------|
| | 1969 | 1964 | Total | | Number fattened on grain and concentrates and sold for slaughter | |
| | 1969 | 1964 | 1969 | 1964 | 1969 | 1964 |
| Total, class 1-5 farms..... | 891,203 | 995,733 | 41,131,336 | 33,208,512 | 22,998,365 | 18,652,778 |
| 1 to 9..... | 480,868 | 882,581 | 1,972,332 | 8,928,186 | 1,778,602 | 2,516,847 |
| 10 to 19..... | 167,039 | | | | | |
| 20 to 49..... | 133,584 | | | | | |
| 50 to 99..... | 51,578 | | | | | |
| 100 to 199..... | 29,964 | 158,582 | 3,494,269 | 3,964,642 | 1,338,112 | 1,201,574 |
| 200 to 499..... | 19,577 | 31,571 | 4,048,310 | 4,233,762 | 1,929,992 | 2,466,641 |
| 500 and over..... | 8,593 | 16,749 | 5,767,251 | 4,833,436 | 3,201,063 | 2,794,591 |
| | | 5,980 | 19,677,951 | 11,248,486 | 14,964,270 | 8,773,125 |

*Numbers for 1964 are from frequencies on all farms table on the assumption that virtually all farms selling more than 49 head would have been class 1-5 farms.

Thirty percent of all cattle fattened on grain and concentrates and sold for slaughter were produced on farms and feedlots selling 20,000 head and over.

| | Cattle, excluding calves, fattened on grain and concentrates (1,000) |
|-----------------------|--|
| Total..... | 22,998 |
| Number sold per farm: | |
| 1 to 99..... | 2,893 |
| 100 to 499..... | 5,131 |
| 500 to 999..... | 1,870 |
| 1,000 to 4,999..... | 2,976 |
| 5,000 to 9,999..... | 1,348 |
| 10,000 to 19,999..... | 1,999 |
| 20,000 and over..... | 6,771 |