#### ECONOMIC STATUS OF KANSAS FARMS 1974

by

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#### Introduction

Farming is Kansas' No. 1 industry. Strong and sound farm businesses are important for the Kansas economy. Since changes in the economy never stop, agriculture has to keep pace with new demands and technological developments to sustain its growth, strength and competitive edge in the complex world of diverse economic forces. The changes in agriculture mirror the changes undertaken by individual farmers.

In the last few years, 1970 through 1973, the Kansas farmers enjoyed one record year after the other. The crop production in Kansas reached three consecutive all-time highs. The number of cattle on farms was higher than never before. The meat production was booming. The result of these bumper productions were record high cash receipts from farming, since farm prices were increasing too. Then, in 1974 agriculture again experienced some dramatic reversals.

A drough and a slump in livestock prices caused a substantial decrease in cash receipts from farming. The aftermath of the energy crises and a high inflation rate caused the production expenses to reach new heights. The consequence was a massive drop in the net farm income.

This report shows some recent changes in Kansas agriculture which are important for the economic well-being and the viability of the state's farms. These changes are related to the number and size of farms, type of farm organization, distribution of farms by economic class, use and composition of purchased farm inputs, and the financial situation of Kansas farms.

Mainly based on the preliminary county reports for Kansas of the 1974 Census of Agriculture, these reports point out the changes that occurred between 1969 and 1974, compared with some figures in the more distant past. The data are presented for the nine reporting districts, as defined by the Statistical Division of the Kansas Department of Agriculture (see graph 1).

In the 1974 Census of Agriculture a farm is defined as

".....any place from which \$2500 or more of agricultural products were sold, or normally would have been sold, during the census year, or any place of 10 acres or more from which \$50 or more of agricultural products were sold, or normally would have been sold, during the census year."1

All the farms, as defined above, are used in this report. Exceptions are noted in the tables.

<sup>&</sup>lt;sup>1</sup>U.S. Department of Commerce, Bureau of the Census, <u>1974</u> Census of Agriculture, Preliminary County Reports, July/August 1976.

Crawford Cherokee Neosho efferson **Atchison** Osage Coffey Chautauqua Marshall owley Marion CLAY Elisworth Kingman Mitchell Rice Barton Osborne Smith cmanche Phillips Sush Aboks Clark Craham Ford Sheridan Seamed Kearmy Stawons Hamilton Lacrton Stanton Sherman Greeley

Kansas Crop Reporting Districts

Graph 1.

Source: Kansas Board of Agriculture, Farm Facts 1975-76, Topeka, Kansas, 1976.

# 2. The Kansas Farms 1974

# 2.1. Number of Farms, Land in Farms

According to the 1974 Census of Agriculture there were 81,909 Kansas farms; 4,148 or 4.8 percent fewer than in 1969 (Table 1). This five year decrease in the number of Kansas farms is less than the U.S. average. For the U.S. as a whole the drop in the number of farms was 5.7 percent (Table 14 shows U.S. farm numbers by economic class). Table 2 shows the changes in the number of Kansas farms and the changes in their average size since 1954.

The total land in Kansas farms decreased by 3.7 percent; from 49,390,369 acres in 1969 to 47,553,071 acres in 1974--a decrease of 1.8 million acres in five years.

# 2.2. Number of Farms by Size

Table 3 shows the number of Kansas farms by their size. The most remarkable change occurred in the extreme classes. State-wide the number of farms in the class with more than 2,000 acres increased by 14.2 percent between 1969 and 1974. The number of small farm holdings (under 50 acres) increased by 1617 farms, or 18.6 percent. More than 1/3 of all the Kansas farms have less than 180 acres of land, 15.7 percent of the farms manage more than 1,000 acres. In western Kansas more than 60 percent of the farms are larger than 500 acres and only about 12 percent of the farms have less than 180 acres. In eastern Kansas, on the other hand, around 50 percent of the farms are smaller than 180 acres and less than 10 percent of the farms are larger than 1,000 acres.

Table 1. Number of Farms, Land in Farms and Average Size Farms

| District           |      | Number<br>of Farms | Land in<br>Farms<br>(Acres) | Average Size<br>of Farms<br>(Acres) |
|--------------------|------|--------------------|-----------------------------|-------------------------------------|
| Northwest (NW)     | 1974 | 4,645              | 4,629,906                   | 997                                 |
|                    | 1969 | 5,062              | 4,924,758                   | 973                                 |
| West-Central (WC)  | 1974 | 3,862              | 4,724,681                   | 1,223                               |
|                    | 1969 | 4,129              | 4,823,435                   | 1,168                               |
| Southwest (SW)     | 1974 | 5,825              | 7,030,928                   | 1,207                               |
|                    | 1969 | 6,041              | 7,406,330                   | 1,226                               |
| North-Central (NC) | 1974 | 9,522              | 5,451,355                   | 573                                 |
|                    | 1969 | 10,322             | 5,521,565                   | 535                                 |
| Central (C)        | 1974 | 10,475             | 5,439,137                   | 519                                 |
|                    | 1969 | 11,273             | 5,669,155                   | 503                                 |
| South-Central (SC) | 1974 | 11,363             | 6,714,372                   | 591                                 |
|                    | 1969 | 11,914             | 7,015,376                   | 589                                 |
| Northeast (NE)     | 1974 | 10,915             | 3,421,570                   | 313                                 |
|                    | 1969 | 10,965             | 3,497,139                   | 319                                 |
| East-Central (EC)  | 1974 | 12,099             | 4,539,446                   | 375                                 |
|                    | 1969 | 12,757             | 4,775,286                   | 374                                 |
| Southeast (SE)     | 1974 | 13,194             | 5,601,675                   | 425                                 |
|                    | 1969 | 13,594             | 5,737,325                   | 422                                 |
| State              | 1974 | 81,909             | 47,553,071                  | 581                                 |
|                    | 1969 | 86,057             | 49,390,369                  | 574                                 |

Source: U.S. Department of Commerce, Bureau of the Census, 1974 Census of Agriculture, Preliminary County Reports, July/August 1976.

Table 2. Changes in Number of Farms and in Average Farm Size Since 1954

| Census<br>Year | Number<br>of Farms | Percent<br>Change | Average<br>Farm Size | Percent<br>Change |
|----------------|--------------------|-------------------|----------------------|-------------------|
| 1954           | 120,167            | -8.5%             | 417                  | +12.7             |
| 1959           | 104,347            | -13.2             | 480                  | +15.1             |
| 1964           | 92,440             | -11.4             | 544                  | +13.3             |
| 1969           | 86,057             | -6.9              | 574                  | +5.5              |
| 1974           | 81,909             | -4.8              | 581                  | +1.2              |
|                |                    |                   |                      |                   |

Source: U.S. Department of Commerce, Bureau of the Census, Census of Agriculture, Years 1954, 1959, 1964, 1969, and Preliminary Report for 1974.

Table 3. Number of Farms by Size

| 00                 | .6             | 24           | .2             | 3.3                   | 2.9            | 3.3            | 0.6            | 1.8            | 2.4            | 3.8              |
|--------------------|----------------|--------------|----------------|-----------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Over 2000<br>Acres | 11 6           | 17.2         | 15.7           |                       |                |                |                |                |                | -528* 101 101    |
| Ove                | 544<br>488     | 665<br>595   | 914<br>918     | 313                   | 299            | 479<br>398     | 68<br>51       | 213<br>171     | 322            | 3,817            |
| 1000-1999<br>Acres | 25.0%<br>26.4  | 23.7         | 23.3           | 12.9                  | 10.4           | 12.3           | 3.9            | 5.8            | 6.3<br>5.8     | 11.1             |
| 1000-              | 1,163<br>1,336 | 917<br>1,088 | 1,359<br>1,505 | 1,226                 | 1,089          | 1,396          | 424<br>368     | 702<br>602     | 833<br>789     | 9,107            |
| 500-999<br>Acres   | 24.68<br>29.4  | 23.9         | 22.4<br>25.3   | 2 <b>4.</b> 7<br>27.8 | 22.3<br>24.1   | 21.5           | 15.4           | 14.0           | 15.2           | 19.4             |
| 500<br>AC          | 1,143<br>1,486 | 922          | 1,302          | 2,356 2,871           | 2,340<br>2,714 | 2,448<br>2,870 | 1,680          | 1,693          | 2,012 2,192    | 15,895<br>18,394 |
| 180-499<br>Acres   | 21.8%<br>21.6  | 19.9<br>19.5 | 19.7<br>19.4   | 31.1<br>33.6          | 33.6           | 27.7<br>32.6   | 31.5           | 28.8           | 29.4           | 28.4             |
| 180<br>AC          | 1,012          | 767<br>807   | 1,149          | 2,957<br>3,469        | 3,515<br>4,139 | 3,152<br>3,882 | 3,433<br>3,983 | 3,489          | 3,876          | 23,250<br>27,334 |
| 50-179<br>Acres    | 9.78           | 9.0          | 11.4           | 19.3<br>17.8          | 21.5           | 21.3<br>18.3   | 31.6           | 33.0<br>32.1   | 31.2           | 23.7             |
| 50<br>AC           | 451<br>393     | 346<br>310   | 664<br>528     | 1,841<br>1,838        | 2,254<br>2,190 | 2,420<br>2,183 | 3,449<br>3,415 | 3,992<br>4,094 | 4,118<br>4,074 | 19,532<br>19,025 |
| 10-49<br>Acres     | 2.28           | 1.5          | 2.6            | 4.5<br>3.6            | 5.2            | 7.5            | 12.4<br>8.2    | 12.9<br>9.6    | 10.6<br>9.2    | 7.9              |
| 10<br>Aci          | 103            | 58           | 153<br>141     | 431<br>367            | 547<br>489     | 854<br>711     | 1,358<br>904   | 1,561          | 1,405<br>1,251 | 6,470<br>5,231   |
| . 10               | 4.9%<br>3.5    | 3.4          | 4.9            | 4.2                   | 5.1            | 5.4            | 4.7            | 3.7            | 3.9            | 4.7              |
| Under 10<br>Acres  | 229<br>178     | 187          | 285<br>245     | 401<br>425            | 531<br>459     | 614<br>488     | 514<br>492     | 449<br>504     | 628<br>530     | 3,838            |
| District           | 1974<br>1969   | 1974<br>1969 | 1974<br>1969   | 1974<br>1969          | 1974<br>1969   | 1974<br>1969   | 1974<br>1969   | 1974<br>1969   | 1974<br>1969   | 1974             |
| Dist               | MM             | ž            | SW             | NG<br>NG              | υ              | ပ္တ            | 閚              | <b>a</b>       | SE             | State            |

Source: 1974 Census of Agriculture.

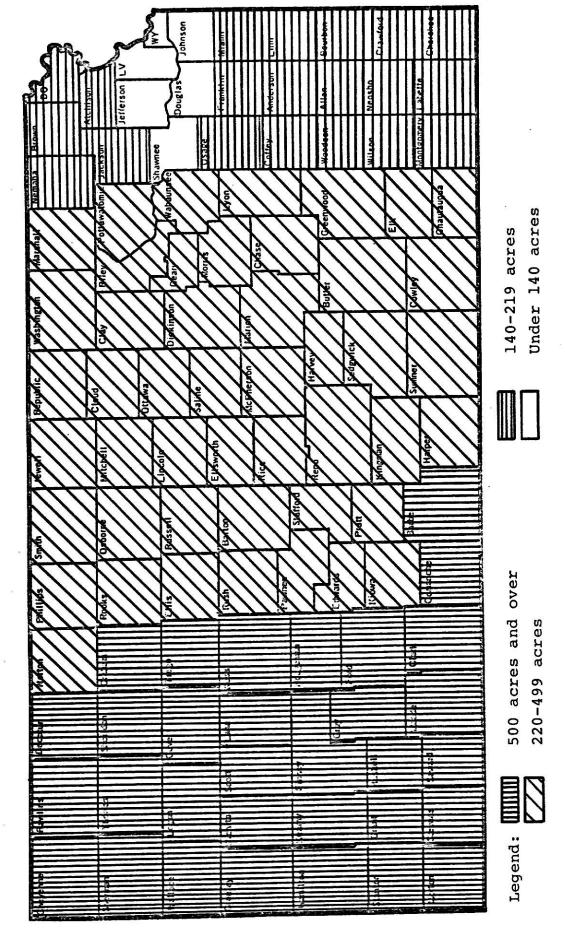
## 2.3. Average Size Farm

The average size Kansas farm increased slightly to 581 acres, up about 7 acres since 1969 (Table 1). Back in 1954 the average size farm was 417 acres. Graph 1 shows the farm size situation as it was in 1954 in Kansas. Compared to Graph 2 (situation in 1974) the average farm size increased all over Kansas. The largest farms are located in southwestern and west-central Kansas where the average farm size is over 1,200 acres. In some counties the average size farm has 1,700 acres and more (Clark, Hamilton, Morton). In central Kansas the average size is between 500 and 600 acres whereas in the east of the state the average size farm has between 300 and 400 acres. In the counties around Kansas City the average size farm has only around 200 acres of land.

# 2.4. Type of Farm Organization

Most of the farms with more than \$2,500 total sales (91.8 percent in the state) are individually or family owned (Table 4). The family ownership of Kansas farms increased by 5.5 percent over that in 1969. In the same time period the number of partnership-farms (7.0 percent) decreased by 38.2 percent. Whereas the corporations (family owned and others) more than doubled their number from 328 in 1969 to 672 in 1974. Most of the increase is expected to be in the class of family owned corporations (10 or fewer shareholders) since in 1969 there were 87.5 percent corporations with 10 or fewer shareholders. Under "other" farms are listed: estates or trusts, Indian reservations, prison farms, grazing associations, cooperatives, etc. The number of these

Graph 2. Average Size of Farms in 1954



Orazem, Frank, The Changing Kansas Farm, The Kansas Agricultural Situation, 8, January 1960. Kansas State University, Manhattan, Kansas, Vol. 36, No. Source:

Crawford Cherokee efrerson Atchison Under 200 acres 300-499 acres 1,000 acres and over 500-999 acres Legend:

Average Size of Farms in 1974

Graph 3.

Source: 1974 Census of Agriculture

Table 4. Number of Farms by Type of Farm Organization (farms with sales of \$2500 and more only)

|          |              | Total            | Individual c     | or Family    | Partnership    |             | Corporation Incl.<br>Family Owned | on Incl.<br>Owned | Other      |             |
|----------|--------------|------------------|------------------|--------------|----------------|-------------|-----------------------------------|-------------------|------------|-------------|
| NW       | 1974<br>1969 | 4,324            | 3,931<br>3,837   | 90.18        | 317<br>515     | 7.28        | 62<br>22                          | 1.4%<br>0.5       | 16<br>22   | 0.3%<br>0.5 |
| MC<br>WC | 1974<br>1969 | 3,647<br>3,616   | 3,312            | 90.8<br>87.1 | 259<br>421     | 7.1         | 70<br>29                          | 1.9               | 9          | 0.2         |
| MS       | 1974<br>1969 | 5,451<br>5,300   | 4,854<br>4,553   | 89.0<br>85.9 | 450<br>670     | 8.3<br>12.6 | 133<br>53                         | 2.4               | 14<br>24   | 0.3         |
| SG<br>SG | 1974<br>1969 | 8,666<br>8,779   | 7,942            | 91.6<br>86.6 | 646<br>1,099   | 7.5         | 62<br>26                          | 0.7               | 16<br>45   | 0.2         |
| ບ        | 1974<br>1969 | 9,266            | 8,542<br>7,967   | 92.2<br>88.3 | 644<br>980     | 7.0         | 65<br>41                          | 0.7               | 15<br>38   | 0.1         |
| S        | 1974<br>1969 | 9,930<br>9,903   | 9,192<br>8,730   | 92.6<br>88.2 | 620<br>1,072   | 6.2<br>10.8 | 96<br>48                          | 1.0               | 22<br>52   | 0.2         |
| 旦        | 1974<br>1969 | 8,459<br>8,407   | 7,705            | 91.1         | 683<br>1,109   | 8.1<br>13.2 | 60<br>28                          | 0.7               | 11 25      | 0.1         |
| ខ្ព      | 1974<br>1969 | 9,253<br>9,220   | 8,542<br>8,198   | 92.3<br>88.9 | 633<br>944     | 6.8<br>10.2 | 69<br>46                          | 0.7               | 32         | 0.1         |
| SE       | 1974<br>1969 | 9,896<br>9,753   | 9,231            | 93.3<br>88.9 | 596<br>1,004   | 6.0         | 54<br>35                          | 0.5               | 15<br>39   | 0.2         |
| State    | 1974<br>1969 | 68,840<br>68,394 | 63,224<br>59,955 | 91.9         | 4,819<br>7,814 | 7.0         | 672<br>328                        | 1.0               | 125<br>297 | 0.2         |
|          |              |                  |                  |              |                |             |                                   |                   |            |             |

Source: 1974 Census of Agriculture.

types of farms decreased by 57.9 percent, from 297 in 1969 to 125 in 1974. The percentage distributions of the number of farms by type of farm organization for the reporting districts are similar to the distribution for the whole state. Percentagewise in western Kansas there are slightly more corporations than in the eastern part of the state (2 percent and .7 percent, respectively).

## 2.5. Farm Operators

Farm operators on most of the Kansas farms, in all reporting districts, are either full owners or part owners (Table 5). The percentage of full owners is greater in eastern than in either central or western Kansas. In the central and western part of the state between 30 and 40 percent of the farms are operated by full owners. In eastern Kansas 57 percent of all farms are full-owner-operated. The opposite is true for part-owner-operated farms. Percentagewise more of them are located in western Kansas. The same holds true for the tenant operated farms. In western Kansas there are on the average about 20 percent of the farms tenant operated, whereas in the eastern part of the state only 10 percent of the farms are tenant operated.

For the state as a whole in 1974, 45.7 percent (up 9 percent since 1969) of the farms were operated by full owners, 39.4 percent by part owners, and 14.9 percent by tenants. Both the number and percentage of part owners and tenants has decreased since 1969; 9.7 percent and 23.4 percent, respectively.

Table 5. Kansas Farm Operators

| Dist  | rict         | Full ( | Owner | Part ( | Owner . | Tena   | ant   |
|-------|--------------|--------|-------|--------|---------|--------|-------|
| NW    | 1974         | 1,638  | 35.3% | 2,230  | 48.0%   | 777    | 16.7% |
|       | 1969         | 1,512  | 29.9  | 2,542  | 50.2    | 1,008  | 19.9  |
| WC    | 1974         | 1,212  | 31.4  | 1,873  | 48.5    | 777    | 20.1  |
|       | 1969         | 1,003  | 24.3  | 2,118  | 51.3    | 1,008  | 24.4  |
| SW    | 1974         | 1,764  | 30.3  | 2,670  | 45.8    | 1,391  | 23.9  |
|       | 1969         | 1,424  | 23.6  | 3,013  | 49.9    | 1,604  | 26.6  |
| NC    | 1974         | 3,860  | 40.5  | 4,095  | 43.0    | 1,567  | 16.5  |
|       | 1969         | 3,639  | 35.3  | 4,660  | 45.1    | 2,020  | 19.6  |
| С     | 1974         | 3,932  | 37.5  | 4,773  | 45.6    | 1,770  | 16.9  |
|       | 1969         | 3,503  | 31.1  | 5,328  | 47.3    | 2,439  | 21.6  |
| sc    | 1974         | 4,244  | 37.3  | 5,042  | 44.4    | 2,077  | 18.3  |
|       | 1969         | 3,599  | 30.2  | 5,553  | 46.6    | 2,760  | 23.2  |
| NE    | 1974         | 6,480  | 59.3  | 3,164  | 29.0    | 1,280  | 11.7  |
|       | 1969         | 5,876  | 53.6  | 3,461  | 31.6    | 1,628  | 14.8  |
| EC    | 1974         | 6,904  | 57.1  | 4,005  | 33.1    | 1,189  | 9.8   |
|       | 1969         | 6,825  | 53.5  | 4,290  | 33.6    | 1,642  | 12.9  |
| SE    | 1974         | 7,413  | 56.2  | 4,432  | 33.6    | 1,349  | 10.2  |
|       | 1969         | 6,987  | 51.4  | 4,817  | 35.4    | 1,790  | 13.2  |
| State | 1974         | 34,448 | 45.7  | 32,284 | 39.4    | 12,177 | 14.9  |
|       | <b>19</b> 69 | 34,370 | 39.9  | 35,782 | 41.6    | 15,905 | 18.5  |

Source: 1974 Census of Agriculture

Table 6 shows the average age of Kansas farm operators. The Kansas farmer in 1974 averaged 52.5 years; 1.4 years older than in 1969. An increase in average age can be observed in every reporting district.

# 2.6. Principal Occupation of Kansas Farm Operators

An interesting new data, reported for the first time in the 1974 Census of Agriculture, is the principal occupation of Kansas farm operators. Table 6 shows that for 28.1 percent of the state's farmers the work on the farm is not their principal occupation.

Part-time farming is more important in eastern Kansas. In this part of the state 36.5 percent of the farm operators work mainly off the farm. In western Kansas more than 80 percent of the farm operators are more or less full time farmers. This shows how important off-farm job opportunities and off-farm incomes are for the Kansas farmers.

Table 6. Principal Occupation and Average Age of Kansas Farm Operators

|       |              |              | Principa | l Occupation |        | Average             |
|-------|--------------|--------------|----------|--------------|--------|---------------------|
| Dist  | trict        | Farm         | ing      | Ot           | her    | Age of<br>Operators |
| NW    | 1974<br>1969 | 3,776<br>-1) | 82.7%    | 788<br>-1)   | 17.3%  | 52.6<br>50.7        |
| WC    | 1974<br>1969 | 3,210<br>—   | 84.8     | 574<br>—     | 15.2   | 51.9<br>49.3        |
| SW    | 1974<br>1969 | 4,553<br>—   | 80.2     | 1,122<br>—   | 19.8   | 52.0<br>49.9        |
| NC    | 1974<br>1969 | 7,775<br>—   | 82.3     | 1,668<br>—   | 17.7   | 52.9<br>51.1        |
| C     | 1974<br>1969 | 7,909        | 76.1     | 2,482        | . 23.9 | 52.9<br>51.3        |
| sc    | 1974<br>1969 | 8,255<br>—   | 73.4     | 2,987<br>—   | 26.6   | 53.6<br>51.9        |
| NE    | 1974<br>1969 | 7,253        | 66.9     | 3,585        | 33.1   | 51.4<br>50.5        |
| EC    | 1974<br>1969 | 7,387<br>    | 61.5     | 4,627        | 38.5   | 52.5<br>51.9        |
| SE    | 1974<br>1969 | 8,213        | 62.6     | 4,910        | 37.4   | 53.2<br>52.1        |
| State | 1974<br>1969 | 58,331<br>—  | 71.9     | 22,749       | 28.1   | 52.5<br>51.1        |

<sup>1)</sup> Not available

Source: 1974 Census of Agriculture

# 3. The Financial Situation 1974

# 3.1. Number of Farms by Economic Class

Large changes occurred in the number of farms by economic classes throughout the state. High prices for agricultural products, higher production, and inflation caused an increase in the number of farms with more than \$20,000 of sale volume (Table 7). The largest increase took place in the class with farms which sold more than \$100,000 worth of agricultural products (Class Ia). census of 1969 showed 1,676 such farms (2 percent of all farms). In 1974 6,008 farms, or 7.3 percent of the total, were counted in this class. That is an increase of 258.5 percent. In class Ib, farms with sales between \$40,000 and \$99,999, the number of farms increased by 119 percent. The number of farms in economic class II increased by 18.7 percent between 1969 and 1974. In all the other economic classes the number of farms decreased between 22 and 34 percent. Still 16 percent of all the farms in Kansas had less than \$2500 worth of agricultural products sold (down 26 percent from the 20.5 percent counted in 1969). The distribution of the farms by their sales is similar to the distribution of the farms by their average size. The most of the "big" farms, economic class Ia and Ib, are located in western Kansas where around 40 percent of the farms had more than \$40,000 worth of agricultural products sold. In eastern Kansas only about 13 percent of the farms fall in these classes. The distribution for the "small" farms, farms with sales under \$2500, is the other way around.

Table 7. Number of Farms by Economic Class

|         |                    |                   |            |                       |               |                  | Econor                | uic Clas           | s, by F               | Economic Class, by Farm Sales |                           |                            |
|---------|--------------------|-------------------|------------|-----------------------|---------------|------------------|-----------------------|--------------------|-----------------------|-------------------------------|---------------------------|----------------------------|
|         |                    | Ia                |            | a<br>a                |               | 0.06             | I                     | Н                  | Ш                     | ΔI                            | ٥                         | Other                      |
| Dis     | District           | Over<br>\$100,000 | er<br>,000 | \$40,000-<br>\$99,999 | 90            | \$20<br>\$39     | \$20,000-<br>\$39,999 | \$10<br>\$19       | \$10,000-<br>\$19,999 | \$5,000-<br>\$9,999           | \$2,500-<br>\$4,999       | Under<br>\$2,500           |
| MM      | 1974               | 581               | 12.5%      | 1,141,522             | 24.6%<br>10.3 | 1,139            | 24.5%<br>18.0         | 748                | 16.1%<br>25.4         | 442 9.5%<br>1,071 21.5        | 278 6.08<br>614 12.1      | 316 6.8%<br>666 13.1       |
| WC      | 1974<br>1969       | 731               | 18.9       | 886 <sub>1</sub> )    | 22.9<br>16.2  | 849              | 22.0                  | 59 <b>4</b><br>968 | 15.4                  | 377 9.8<br>755 18.3           | 210 5.4<br>433 10.5       | 215 5.6<br>513 12.4        |
| SW      | 1974<br>1969       | 1,423             | 24.4       | $\frac{1,349}{1,311}$ | 23.2          | 1,107            | 19.0<br>20.6          | 747<br>1,179       | 12.8                  | 472 8.1<br>921 15.2           | 344 5.9<br>649 10.7       | 383 6.6<br>738 12.2        |
| NC      | 1974<br>1969       | 615               | 6.5        | $^{1,882}_{930}$      | 19.8<br>9.1   | 2,232            | 23.4                  | 1,813              | 19.0<br>24.3          | 1,291 13.6<br>2,074 20.2      | 801 8.4<br>1,397 13.6     | 888 9.3<br>1,552 15.0      |
| U       | 1974<br>1969       | 507               | 4.8        | $^{1,759}_{753}$      | 16.8          | 2,249            | 21.5<br>13.3          | 2,172 2,431        | 20.7                  | 1,538 14.2<br>2,476 22.0      | 1,041 9.9<br>1,858 16.5   | 1,209 11.5 2,247 19.9      |
| တ္ထ     | 1974<br>1969       | 973               | 8.6        | $^{2,505}_{1,151})$   | 22.0          | 2,446 2,060      | 21.5                  | 1,840 2,660        | 16.2                  | 1,219 10.7<br>2,366 19.9      | 947 8.3<br>1,666 14.0     | 1,433 12.6<br>2,011 16.8   |
| 图       | 1974<br>1969       | 385               | 3.5        | $^{1,428}_{818}$      | 13.1          | 1,911            | 17.5                  | 1,769 2,135        | 16.2                  | 1,606 14.7<br>2,057 18.7      | 1,361 12.5<br>1,701 15.5  | 2,464 22.5 2,564 23.4      |
| <u></u> | 1974               | 394               | 3,3        | $^{1,316}_{918}$      | 10.9          | 1,735            | 14.3                  | 2,028<br>2,178     | 16.8                  | 1,910 15.8<br>2,319 18.2      | 1,853 15.3 2,225 17.4     | 2,863 23.6 3,537 27.7      |
| SE      | 1974               | 399               | 3.0        | $^{1,334}_{813}$      | 10.1          | 1,898            | 14.4                  | 2,161<br>2,401     | 16.4                  | 2,153 16.3<br>2,676 19.7      | 1,951 14.8<br>2,356 17.3  | 3,298 25.0<br>3,841 28.2   |
| State   | State 1974<br>1969 | 6,008             | 7.3        | 13,600<br>6,210       | 16.6          | 15,566<br>13,112 | 19.0                  | 13,872<br>17,793   | 16.9                  | 11,008 13.4<br>16,699 19.4    | 8,786 10.7<br>12,904 15.0 | 13,069 16.0<br>17,663 20.5 |
|         |                    |                   |            |                       |               |                  |                       |                    |                       |                               |                           |                            |

1)Classes Ia and Ib together

Source: 1974 Census of Agriculture.

Twenty-three percent of the farms in eastern Kansas had sales of less than \$2500. Whereas in western Kansas only 6.5 percent of the farms fall in this "hobby-farm" class.

## 3.2. Value of Agricultural Products Sold

The 81,909 Kansas farms sold more than 3.6 billion dollars worth of agricultural products in 1974 (Table 8). That is twice as much as the 1.8 billion dollars worth of farm products sold in 1969. The per farm value amounts to \$44,361; an increase of 110 percent from the \$21,126 in 1969. Statewide the crops accounted for 48.7 percent of the total sales, and livestock products brought 50.7 percent of the total sales value. In 1969 the figures were 31.9 percent from the crops and 68.1 percent from the livestock products. The average value per farm varies considerably within the state. The southwestern Kansas farms averaged \$143,802 in total sales, whereas in east-central Kansas the average farm sold about \$23,218 worth of agricultural products. The crop production is largest in northwestern Kansas where 61.6 percent of the total sale value came from crop production and 38.4 percent from livestock production. The proportion in 1969 was 46.1 percent from crops and 53.1 percent from livestock enterprises. In southeastern Kansas the livestock production is dominant over crops, 64.5 percent to 35.3 percent. Five years earlier, in 1969, 78.7 percent of the total sales were livestock products and only 21.5 percent crop products.

#### 3.3. Farm Production Expenses

The volume of purchased inputs is increasing. Since 1969 the expenses for purchased production inputs increased by 73 percent,

Table 8. Value of Agricultural Products Sold 1974 and 1969

|                  | NW   | WC                    | SW                | NC                 | υ                  | SC               | 图                  | 띪                          | SE                 | State            |
|------------------|--|-----------------------|-------------------|--------------------|--------------------|------------------|--------------------|----------------------------|--------------------|------------------|
| Total val        | Total value of products sold<br>1974 288,189 372,166 | lucts sold<br>372,166 | 837,644           | 358,128            | 402,731            | 487,854          | 260,801            | 280,910                    | 345,156            | 3,633,605        |
| 1969             |  | 162,257               | 308,102           | 190,321            | 204,706            | 251,088          | 173,962            | 201,954                    | 223,172            | 1,818,018        |
| Average per farm | er farm  |                       |                   |                    |                    |                  |                    |                            |                    |                  |
| 1974             | 62,043<br>20,240                                     | 96,366<br>39,297      | 143,802<br>51,002 | 37,611<br>18,438   | 38,447<br>18,159   | 42,934<br>21,075 | 23,894<br>15,865   | 23,218<br>15,831           | 26,160<br>16,417   | 44,361           |
| Crops            |  |                       |                   |                    |                    |                  |                    |                            |                    |                  |
| 1974             | 177,405  | 174,116               | 362,894           | 189,555            | 193,180            | 305,632          | 127,625            | 116,121                    | 122,010            | 1,768,551        |
| TAPA             | 4/ r 2/1   | 48,398                | TOT               | 17/1/9             | 197' FQ            | 697'/6           | 0/0/50             | 49,966                     | 4/40//             | 00T161C          |
| (Percent         | (Percent of total value)                             | value)                |                   |                    |                    |                  | •                  |                            |                    |                  |
| 1974<br>1969     | (61.6)<br>(46.1)                                     | (46.8)<br>(30.2)      | (43.3)<br>(32.8)  | (52.9)<br>(35.6)   | (48.0)<br>(31.4)   | (62.6)<br>(38.7) | (48.9)             | (41.3)<br>(24.8)           | (35.3) $(21.5)$    | (48.7)<br>(31.9) |
| Livestock        |  |                       |                   |                    |                    |                  |                    |                            |                    |                  |
| 1974<br>1969     | 110,597 55,183                                       | 198,068<br>113,259    | 474,582 207,006   | 168,346<br>122,591 | 208,258<br>140,406 | 179,473          | 131,681<br>119,145 | 161 <b>,444</b><br>151,796 | 222,643<br>175,600 | 1,842,342        |
| (Percent         | (Percent of total value)                             | value)                |                   |                    |                    | 846              |                    |                            |                    |                  |
| 1974<br>1969     | (38.4)   | (53.2)<br>(69.8)      | (56.7)<br>(67.2)  | (47.0)<br>(64.4)   | (51.3)<br>(68.6)   | (36.2)<br>(61.2) | (50.5)<br>(68.5)   | (57.5)<br>(75.2)           | (64.5)<br>(78.7)   | (50.7) (68.1)    |
| 1969             | (23.1)   | (8.60)                | (7./0)            | (04.4)             | (0.80)             | (7.10)           | (0.00)             | (7.67)                     | 8                  | ?                |

Source: 1974 Census of Agriculture.

from 1.5 billion dollars to 2.6 billion dollars in 1974. Tables 9 and 10 show amounts spent by Kansas farms on various inputs used in production of farm products in 1969 and 1974, respectively. In 1974 the largest amount of money spent on inputs went for buying livestock and poultry, 27.9 percent of all the expenses. in 1969 this portion was much higher, 37.5 percent. The portion or purchased feed for livestock and poultry, on the other hand, greatly increased. In 1969 only 6 percent of all the production expenses was used for feed. In 1974 the portion used for livestock and poultry feedstuff increased to 22.3 percent. The portions of the other major input items did not change appreciably. The inflation seems to affect all the input items equally. Most surprisingly the portion spent on gasoline and other petroleum products increased only from 5.0 percent in 1969 to 5.2 percent in 1974. However, the total amount of money spent on petroleum products doubled between 1969 and 1974. The commercial fertilizer prices seem to be affected most during the 1969-74 period. portion spent on fertilizer increased from 4.7 percent to 7.7 percent. However, part of this increase is caused by an increase in the quantity of fertilizer used. In 1969 the quantity of fertilizer sold in Kansas amounted to 1,098,000 tons. 1) In 1974 the quantity was 1,566,000 tons, an increase of 42.6 percent. The value of fertilizer purchased by Kansas farmers almost tripled between 1969 and 1974. Table 11 shows the average production expenses per farm in 1974.

<sup>1)</sup> Kansas Board of Agriculture, Farm Facts 1974-75, Topeka, Kansas, 1975, p. 157.

Table 9. Farm Production Expenses in 1969

| The Farm nr  | MZ.                             | ک<br>¥                                       | SW   | SC               | ပ                | ပ္ထ              | 图                | <u>워</u>         | SE               | State             |
|--|---------------------------------|--|--|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| \$1000 82,104 145,559 2  | oduction,                       | expense .45,559                              | 74,303                                     | 149,852          | 122,236          | 210,561          | 137,400          | 169,401          | 189,660          | 1,531,075         |
| Livestock and poultry<br>\$1000 21,514<br>(%) (26.2)                       | and poultry<br>21,514<br>(26.2) | 70,748 (48.6)                                | 134,066<br>(48.9)                          | 44,568<br>(29.7) | 63,351<br>(36.8) | 73,349 (34.8)    | 37,538<br>(27.3) | 58,450<br>(34.5) | 69,979<br>(36.9) | 573,566<br>(37.5) |
| Feed for livestock and poultry<br>\$1000 8,888 20,705<br>(%) (10.8) (14.2) | vestock ar<br>8,888<br>(10.8)   | a poultr<br>20,705<br>(14.2)                 | 7<br>40,389<br>(14.7)                      | 22,856<br>(15.3) | 28,071 (16.3)    | 32,045<br>(15.2) | 21,491 (15.6)    | 25,801<br>(15.2) | 33,977           | 91,845<br>(6.0)   |
| Seed, bulbs, F<br>\$1000 1,<br>(%)   | plants a<br>1,988<br>(2.4)      | and trees<br>2,015<br>(1.4)                  | 3,825<br>(1.4)                             | 2,535<br>(1.7)   | 2,698<br>(1.6)   | 3,566<br>(1.7)   | 3,142 (2.3)      | 2,941 (1.7)      | 2,919 (1.5)      | 25,627<br>(1.7)   |
| Hired farm labor<br>\$1000 3,57<br>(%) (4.4                                | abor<br>3,576<br>(4.4)          | 4,656  | 10,340                                     | 4,605            | 5,083            | 8,341 (4.0)      | 4,757            | 6,065            | 6,394            | 53,816<br>(3.5)   |
| Contract labor, machine hire<br>\$1000 5,559 6,402<br>(%) (6.8) (4.4)      | or, machi<br>5,559<br>(6.8)     | ine hire<br>6,402<br>(4.4)                   | and custom<br>10,913<br>(4.0)              | 5,273<br>(3.5)   | 4,809            | 8,534<br>(4.1)   | 3,928 (2.9)      | 3,883 (2.3)      | 4,571 (2.4)      | 53,871<br>(3.5)   |
| Commercial fer<br>\$1000 3,<br>(%)   | 3,377<br>(4.1)                  | fertilizer purchased 3,377 2,855 (4.1) (2.0) | sed<br>8,126<br>(3.0)                      | 8,563<br>(5.7)   | 6,791            | 11,648 (5.5)     | 11,790 (8.6)     | 10,041 (5.9)     | 9,368 (4.9)      | 72,564 (4.7)      |
| Gas and other petroleum fuel<br>\$1000 6,174 6,006<br>(%) (7.5) (4.1)      | petrol(,174,7.5)                | eum fuel<br>6,006<br>(4.1)                   | 9,752<br>(3.6)                             | 9,265            | 9,516<br>(5.5)   | 11,385           | 7,749 (5.6)      | 8,123            | 8,884 (4.7)      | 76,882 (5.0)      |
| Agricultural chemicals,<br>\$1000 969 1,<br>(%) (1.2)                      | chemica.<br>969<br>(1.2)        |  | including lime<br>.085 3,058<br>(.8) (1.1) | 1,715 (1.1)      | 841              | 1,000 (4.7)      | 3,782 (2.7)      | 2,620 (1.5)      | 1,786            | 16,856            |
| Other production expenses<br>\$1000 30,061 31,0<br>(%) (36.6) (21.         | uction exp<br>30,061<br>(36.6)  | enses<br>31,079<br>(21.3)                    | 52,842<br>(19.3)                           | 50,462<br>(33.7) | 51,044 (29.6)    | 60,689 (28.8)    | 43,225<br>(31.5) | 51,448 (30.4)    | 51,783 (27.3)    | 423,639 (27.7)    |

Source: 1974 Census of Agriculture.

Table 10. Farm Production Expenses in 1974

|  | NW                                 | WC                                 | SW                            | NG<br>Sign         | υ                | သွ               | E                     | <b>D</b>         | SE                       | State           |
|--|------------------------------------|------------------------------------|-------------------------------|--------------------|------------------|------------------|-----------------------|------------------|--------------------------|-----------------|
| Total farm production expenses<br>\$1000 182,365 266,552 6                                 | 1 farm productic<br>\$1000 182,365 | on expense<br>266,552              | es<br>648,521                 | 239,563            | 292,143          | 322,523          | 188,232               | 223,728          | 280,606                  | 2,645,533       |
| Livestock and poultry<br>\$1000 45,708<br>(%) (25.1)                                       | and poultr<br>45,708<br>(25.1)     | 84,276<br>(31.6)                   | 240,443<br>(37.1)             | 51,676<br>(21.6)   | 88,333           | 68,226<br>(21.2) | 31,817 (16.9)         | 51,659<br>(23.1) | 68,816<br>(24.5)         | 736,956 (27.9)  |
| Feed for livestock<br>\$1000 28,894<br>(%) (15.8)  | ivestock a<br>28,894<br>(15.8)     | and poultry<br>59,718 17<br>(22.4) | 7<br>178,704<br>(27.6)        | 44,549<br>(18.6)   | 61,641<br>(21.1) | 56,388 (17.5)    | 33,841<br>(18.0)      | 46,236 (20.7)    | 78,72 <b>4</b><br>(28.1) | 588,668 (22.3)  |
| Seed, bulbs, plants<br>\$1000 4,330<br>(%) (2.4)   | s, plants 4,330 (2.4)              | and trees<br>4,531<br>(1.7)        | 9,149<br>(1.4)                | <b>4,794</b> (2.0) | 5,444<br>(1.9)   | 7,989 (2.5)      | 6,394<br>(3.4)        | 5,460 (2.4)      | 5,183                    | 53,583<br>(2.0) |
| Hired farm<br>\$1000<br>(%)  | labor<br>6,646<br>(3.6)            | 9,775                              | 21,251                        | 6,851<br>(2.9)     | 7,055 (2.4)      | 11,129           | 5,658                 | 7,537            | 8,165 (2.9)              | 84,089          |
| Contract labor, machine hire \$1000 10,238 11,410 (%) (5.6) (4.3)                          | abor, macl<br>10,238<br>(5.6)      | hine hire<br>11,410<br>(4.3)       | and custom<br>18,576<br>(2.9) | 7,012<br>(2.9)     | 7,701            | 14,349<br>(4.4)  | 5,148 (2.7)           | 4,507            | 5,246 (1.9)              | 84,189<br>(3.2) |
| Commercial fertilizer purchased<br>\$1000 10,816 10,276 3<br>(%) (5.9) (3.9)               | fertilize<br>10,816<br>(5.9)       | er purcha.<br>10,276<br>(3.9)      | sed<br>30,751<br>(4.7)        | 24,904<br>(10.4)   | 23,212 (8.0)     | 36,786           | 25,106<br>(13.3)      | 20,108           | 21,910 (7.8)             | 203,604         |
| Gas and other petroleum fuel<br>\$1000 11,641 11,471<br>(%) (6.4) (4.3)                    | her petro:<br>11,641<br>(6.4)      | leum fuel<br>11,471<br>(4.3)       | 20,602<br>(3.2)               | 15,540<br>(6.5)    | 16,474<br>(5.6)  | 21,141 (6.6)     | 12,674<br>(6.7)       | 12,723           | 14,315 (5.1)             | 136,592 (5.2)   |
| Agricultural chemicals, including lim<br>\$1000 2,528 3,359 9,246<br>(%) (1.4) (1.3) (1.4) | al chemica<br>2,528<br>(1.4)       | als, inch<br>3,359<br>(1.3)        | uding lime<br>9,246<br>(1.4)  | 13,852 (5.8)       | 2,796            | 3,274<br>(1.0)   | 7,288                 | 5,560<br>(2.5)   | 3,901                    | 42,584<br>(1.6) |
| Other production expenses<br>\$1000 61,565 65,7<br>(%) (33.8) (24.                         | uction exp<br>61,565<br>(33.8)     | penses<br>65,718<br>(24.7)         | 119,774 (18.5)                | 64,529<br>(26.9)   | 79,442 (27.2)    | 103,244 (32.0)   | <b>64,</b> 082 (34.0) | 69,932<br>(31.3) | 75,344 (26.8)            | 715,268 (27.0)  |

Source: 1974 Census of Agriculture.

Table 11. Average Production Expenses per Farm in 1974

|  | Amount   |
|--|----------|
| Livestock and poultry                        | \$8,997  |
| Feed for livestock and poultry               | 7,187    |
| Seed, bulbs, plants and trees                | 654      |
| Hired farm labor                             | 1,027    |
| Contract labor, machine hire and custom work | 1,028    |
| Commercial fertilizer purchased              | 2,486    |
| Gas and other petroleum products fuel        | 1,668    |
| Agricultural chemicals, including lime       | 520      |
| Other production expenses                    | 8,732    |
| Total  | \$32,298 |

Source: 1974 Census of Agriculture

#### 3.4. Farm Income

Realized gross farm income in 1974 was slightly down from the record high in 1973. But the Kansas farms improved their gross income by 98.8 percent between 1969 and 1974 (Table 12). However, farm production expenses increased appreciably during the same time period. In 1974 total net farm income dropped more than 30 percent from the all-time high in 1973. Between 1969 and 1974 the total net income realized by Kansas farmers increased by 143 percent. That means that the economic status of Kansas farms has improved in the last five years. Gross income per farm has increased from \$24,328 in 1969 to \$50,842 five years later. Net farm income went up from \$4,629 to \$11,812 in the same period. In 1969, for example, for every dollar of gross income \$0.81 went for purchased inputs. In 1974 \$0.77 of each dollar of gross income was spent on purchased inputs.

However, per farm averages may not be very meaningful because of great differences in earning capacities among farms. Table 13 shows the average amount of farm related income received per farm in 1974. Farm related income is income (before taxes and expenses) received for customwork and other agricultural services provided for others, for recreational services (like providing hunting, fishing, camping, etc.) and for participation in government farm programs. In western Kansas, as expected, because of the larger size farms, such income is much higher than in eastern Kansas. Statewide the average Kansas farm earned \$3,284 in farm related income.

Table 12. Kansas Gross and Net Farm Income 1964-1975 (in million dollars)

|      | r.                                       | Realized Gross Farm Income  | ss Farm I               | ncome                   |         |                                |                                | The second secon | 1 1000                      |
|------|--|-----------------------------|-------------------------|-------------------------|---------|--------------------------------|--------------------------------|--|-----------------------------|
| Year | Cash Receipts<br>From Farm<br>Marketings | Govern-<br>ment<br>Payments | Non-<br>Money<br>Income | Other<br>Farm<br>Income | Total   | Farm<br>Production<br>Expenses | Realized<br>Net Farm<br>Income | Net Change<br>in Farm<br>Inventories   | Total<br>Net Farm<br>Income |
|      |  | 7                           |                         |                         |         |                                |                                |  |                             |
| 1964 | 1,184.9                                  | 188.8                       | 7.67                    | 14.4                    | 1,467.8 | 1,128.8                        | 339.0                          | -37.8  | 301.1                       |
| 1965 | 1,206.6                                  | 207.3                       | 81.5                    | 17.0                    | 1,512.4 | 1,254.3                        | 258.1                          | 122.0  | 380.1                       |
| 1966 | 1,513.4                                  | 225.6                       | 86.5                    | 18.6                    | 1,844.2 | 1,397.4                        | 446.8                          | -30.5  | 416.3                       |
| 1961 | 1,461.2                                  | 212.4                       | 87.6                    | 22.1                    | 1,783.3 | 1,438.8                        | 344.5                          | -8.1   | 336.4                       |
| 1968 | 1,456.6                                  | 228.2                       | 91.8                    | 24.2                    | 1,800.8 | 1,524.7                        | 276.0                          | 42.9   | 318.9                       |
| 1969 | 1,736.1                                  | 235.2                       | 92.8                    | 26.4                    | 2,093.6 | 1,738.3                        | 355.3                          | 43.1   | 398.4                       |
| 1970 | 1,984.8                                  | 227.6                       | 84.7                    | 25.5                    | 2,322.5 | 1,854.2                        | 468.4                          | 71.7   | 540.1                       |
| 1971 | 2,233.3                                  | 217.7                       | 88.0                    | 30.3                    | 2,569.3 | 2,049.7                        | 519.6                          | 99.4   | 0.619                       |
| 1972 | 2,978.8                                  | 246.4                       | 97.3                    | 31.1                    | 3,353.6 | 2,462.2                        | 891.5                          | 5.0  | 896.4                       |
| 1973 | 4,168.8                                  | 150.4                       | 112.3                   | 38.4                    | 4,469.9 | 3,207.3                        | 1,262.6                        | 162.2  | 1,424.8                     |
| 1974 | 3,952.6                                  | 22.5                        | 147.2                   | 42.2                    | 4,164.4 | 2,926.0                        | 1,238.4                        | -270.9   | 967.5                       |
| 1975 | 3,365.3                                  | 38.4                        | 165.2                   | 47.4                    | 3,616.4 | 3,010.2                        | 606.2                          | 129.3  | 735.4                       |

Source: U.S.D.A. Economic Research Service, State Farm Income Statistics, Supplement to Statistical Bulletin No. 557, August 1976.

Table 13. Farm-Related Income, Farm-Related Expenses and Off-Farm Income, 1974 (average of selected farms)

| District | Farm-Related<br>Income<br>\$/Farm | Farm—Related<br>Expenses<br>\$/Farm | Off-Farm<br>Income<br>\$/Farm |
|----------|-----------------------------------|-------------------------------------|-------------------------------|
| NW       | 4,057                             | 2,283                               | 6,925                         |
| WC       | 7,380                             | 3,553                               | 6,961                         |
| SW       | 6,083                             | 4,410                               | 8,277                         |
| NC       | 2,763                             | 2,082                               | 5,741                         |
| С        | 2,633                             | 1,036                               | 7,021                         |
| SC       | 3,540                             | 2,879                               | 7,828                         |
| NE       | 2,344                             | 1,887                               | 7,472                         |
| EC       | 2,250                             | 1,976                               | 9,245                         |
| SE       | 2,475                             | 1,848                               | 8,612                         |
| State    | 3,284                             | 2,441                               | 7,692                         |

Source: 1974 Census of Agriculture

## 3.5. Off-Farm Income

Increased industrialization in and near rural areas makes it possible for more and more farm people to find off-farm work and thus, improve or add to their farm incomes. The Kansas farmer makes a significant part of his income away from the farm (Table 13). In 1974 the average off-farm income was \$7,692 per farm or 39 percent of the total income (net farm income + off-farm income). However, Table 14 shows that compared to the U.S. average off-farm income in Kansas is less important than in other parts of the country. The average U.S. farmer earned almost 50 percent of his income off the farm in 1974. From an average total income of \$19,155 in 1974 \$9,329 was off-farm income. Within the State of Kansas the difference between east and west is not as high as expected. An average of \$7,390 for the larger western farms compares with \$8,445 earned off the farm by eastern Kansas farmers.

#### 3.6. Government Payments

Payments to Kansas farmer for different government programs decreased rapidly since 1969 (Table 12). From over 200 million dollars received by Kansas farmers in the years before 1973 the government payments dropped to 22.5 million dollars in 1974.

Table 15 shows the distribution of government monies for 1969 and 1974 for different programs.

## 4. Summary and Conclusions

The economic status of Kansas farms has improved since 1969.

On the average it compares favorably with that of U.S. as a whole.

However, per farm averages may not be too meaningful because of great differences in earning capacities among farms. In recent

Table 14. U.S. Farm Numbers, Output and Income by Economic Class, 1969, 1974 and 1975

|  |                                     |  | I  | Economic Class                             | ass                       |                           |                           |                            |
|--|-------------------------------------|--|--|--|---------------------------|---------------------------|---------------------------|----------------------------|
|  | Ia                                  | 엽  | II   | III  | IV                        | Λ                         | Other                     | Total                      |
| No. of farms (1,000)<br>1969<br>1974<br>1975         | 51<br>114<br>110                    | 168<br>352<br>339                          | 330<br>583<br>565                          | 400<br>326<br>326                          | 413<br>249<br>254         | 436<br>493<br>485         | 1,201<br>713<br>729       | 2,999<br>2,830<br>2,808    |
| (Percent of all farms)<br>1969<br>1974<br>1975       | 1.7<br>4.0<br>3.9                   | 5.6<br>12.4<br>12.1                        | 11.0<br>20.6<br>20.1                       | 13.3<br>11.5<br>11.6                       | 13.8<br>8.8<br>9.1        | 14.6<br>17.4<br>17.3      | 40.0<br>25.3<br>25.9      | 100.0<br>100.0             |
| Cash receipts from farming,<br>1969<br>1974<br>1975  | , including 321,254 389,931 388,636 | other income 67,220 32 63,506 36 63,826 30 | ome (dollars<br>32,491<br>30,141<br>30,350 | rs per farm)<br>17,221<br>15,629<br>15,770 | 8,787<br>7,875<br>7,961   | 4,327<br>3,785<br>3,844   | 1,440<br>1,082<br>1,110   | 17,516<br>33,235<br>32,534 |
| (Percent of all receipts)<br>1969<br>1974<br>1975    | 31.2<br>47.2<br>46.8                | 21.5<br>23.7<br>23.7                       | 20.4<br>18.7<br>18.8                       | 13.1<br>5.4<br>5.6                         | 2.1                       | 3.6                       | 3.3<br>0.9                | 100.0                      |
| Realized net income per farm<br>1969<br>1974<br>1975 | 42,136<br>84,300<br>63,236          | 17,547<br>20,401<br>17,558                 | (dollars<br>10,561<br>11,332<br>10,116     | rs per farm)<br>5,961<br>6,065<br>5,451    | 3,300<br>3,365<br>3,064   | 1,722<br>1,762<br>1,606   | 927<br>1,026<br>1,004     | 4,733<br>9,826<br>8,079    |
| Off-farm income per farm 1969 1974                   | 7,490<br>11,211<br>12,418           | 3,869<br>5,886<br>6,501                    | 3,215<br>5,091<br>5,577                    | 3,860<br>6,469<br>7,031                    | 5,094<br>8,550<br>9,260   | 5,752<br>9,824<br>10,612  | 6,963<br>15,431<br>16,364 | 5,539<br>9,329<br>10,129   |
| Total net income per farm*<br>1969<br>1974<br>1975   | 49,626<br>95,511<br>75,654          | 21,416<br>26,287<br>24,059                 | 13,776<br>16,423<br>15,693                 | 9,821<br>12,534<br>12,482                  | 8,394<br>11,915<br>12,324 | 7,474<br>11,586<br>12,218 | 7,890<br>16,457<br>17,368 | 10,272<br>19,155<br>18,205 |

Including government payments

Source: U.S.D.A., Economic Research Service, Farm Income Statistics, Statistical Bulletin No. 557, July 1976.

Table 15. Government Payments, by Programs, 1969 and 1974, in \$1000

| Program                   | 1969    | 1974  |
|---------------------------|---------|-------|
| Wheat program             | 151,090 | 7,120 |
| Feed grain program        | 71,431  | 6,069 |
| Sugar act                 | 1,036   | 1,107 |
| Crop land adjustment      | 1,514   | 860   |
| Great plains conservation | 902     | 801   |
| Conservation and other    | 9,274   | 6,500 |

Source: U.S.D.A., Economic Research Service, <u>State Farm Income Statistics</u>, Supplement to Statistical Bulletin No. 557, August 1976 and U.S.D.A., Economic Research Service, <u>Farm Income</u>, Supplement to Farm Income Situation, August 1972.

years, the difference between high income farms and farms with low incomes seemed to increase further. The successful commercial farms make extensive use of technology, whereas small farmers are not helped with technology. The heterogeneity among farms increases over time. The world food shortage in recent years attributed to relatively high prices for farm products and this helped many farmers to survive the competition with fellow farmers. Within Kansas the difference in size and earning capacity between western and eastern farms is increasing very rapidly. The average farm size in western Kansas increased by 22 acres per farm. eastern Kansas the average farm size did not change since 1969. The difference of \$120,000 in value of total sales per farm between southwest and northeast shows the differences among Kansas farms even better. However, a high gross income does not necessarily guarantee a high net income, because of increasing costs of purchased inputs. However, in order to get a satisfactory net return for family living and investment, a farm business must reap a sizeable gross return, because more and more of today's farm inputs are not produced on the farm but they must be purchased.

Part-time farming in Kansas is not as important as it is for the U.S. agriculture as a whole. The trend in Kansas is toward larger farms and corporations. But, increasing job opportunities in and near rural areas help small farmers to improve their income by off-farm employment.

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#### ECONOMIC STATUS OF KANSAS FARMS 1974

by

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AN ABSTRACT OF A MASTER'S REPORT

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KANSAS STATE UNIVERSITY Manhattan, Kansas

#### ABSTRACT

This report shows some recent changes in Kansas agriculture which are important for the economic well-being and the viability of the state's farms. These changes are related to the number and size of farms, type of farm organization, distribution of farms by economic class, use and composition of farm resources, value of agricultural products sold, production expenses, and income of Kansas farms. Mainly based on the preliminary county reports for Kansas of the 1974 Census of Agriculture the report points out changes occurred between 1969 and 1974. The results are presented for each of the nine Kansas crop reporting districts and for the whole state.

The economic status of Kansas farms improved since 1969. It compares favorably with that of the U.S. as a whole. The number of farms is still decreasing and the average farm grows in size. The differences in size of average farms between eastern and western parts of the state gets greater and the difference in earning capacity among Kansas farms is increasing. The total net farm income in Kansas almost tripled since 1969, however a sharp increase is expected since inflation and other price moving powers must be taken into consideration. The trend continues toward larger farms and family owned corporations, however there will still be a place for the part-time farmer. Part-time farming in Kansas is not as important as it is for the U.S. as a whole.