



# Current Report

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## 1994 Oklahoma Broiler Survey

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Integrated broiler companies with production in Oklahoma were surveyed to determine the amount of production in each county in Oklahoma in 1994. The companies were asked to provide information on the number of production farms, the number of houses, the total number of broilers produced, and the average market weight. In addition, information on the number of breeder and pullet farms and the number of these birds housed in 1994 was gathered.

All seven of the companies with production in Oklahoma responded. Normally, Oklahoma-raised broilers are processed in eleven different slaughter facilities. Three slaughter plants are located in Oklahoma. There are also two additional locations where only further processing of the carcass is performed (Figure 1). In 1994, there were several significant additions of poultry facilities in Oklahoma. In Sallisaw, Ross Breeders completed construction and began hatching eggs from primary and parent breeder stock. OK Foods began operation of a new hatchery in Stigler and at the end of 1994 began producing feed at a new mill in Heavener. OK Foods also began operation in a new slaughter plant in Heavener.

Cobb-Vantress began operation of the Three Springs Farm in northern Cherokee County. This pedigree breeding operation will provide breeding stock for the industry and conduct research for improving the genetics of the Cobb broiler breeder. The Three Springs Farm represents a multi-million dollar investment and is one of only three such facilities owned by Cobb-Vantress, headquartered in Siloam Springs, Arkansas.

Announcements were made by Hudson Foods to expand the processing capacity of their Noel, Missouri plant. This will increase the production needs by approximately 100 houses. It is estimated that 80 percent of the new housing would be constructed in Oklahoma.

With the completion of the Heavener slaughter facility, OK Industries estimated an additional 200 houses will be needed in 1995 and 1996. Their production area will also be expanded westward through Latimer county as far as Hartshorne in Pittsburg County.

Broiler production in Oklahoma followed the nationwide average, showing a five percent increase over 1993. Contract producer income increased by 13 percent. This increase was due primarily to the increase in market weight of the bird, in addition to the production increase (Table 1).

Broiler production by county for 1994 vs. 1993 showed a slight shift of the production northward. There were slight decreases in production in Adair and Cherokee counties that were offset by increases in Delaware and Ottawa counties.

In the southeast, LeFlore county became the number one producing county in the state in 1994. With the expansion of OK Foods, LeFlore county increased 30 percent over the 1993 survey report (Table 2).

Tyson Foods' production decreased in McCurtain county in 1994 from 1993. This decrease, coupled with Delaware county's continued growth, resulted in these two counties being in a virtual tie for second in broiler production. McCurtain county production exceeded Delaware's by 750,000 birds (Table 2). On a weight basis, however, Delaware county is

**Table 1. Oklahoma Broiler Production Summary (1992-1994).**

|      | <i>Total Production<br/>(million birds)</i> | <i>Total Live Mkt. Wt.<br/>(million lbs)</i> | <i>Average Mkt. Wt.<br/>(lbs/bird)</i> | <i>Contract Producer Income<br/>(million \$)</i> |
|------|---|--|--|--|
| 1992 | 196.04                                      | 883.44                                       | 4.51                                   | 28.77  |
| 1993 | 196.90                                      | 907.97                                       | 4.61                                   | 29.30  |
| 1994 | 207.04                                      | 992.39                                       | 4.97                                   | 33.15  |

now the second highest producing county in the state (Table 3).

The top 4 counties, LeFlore, McCurtain, Delaware, and Adair, accounted for nearly 87 percent of the total production in 1994. In 1993, these counties accounted for nearly 90 percent of Oklahoma's production. While LeFlore county saw a large increase in production over 1993, there were also significant increases in counties that historically have not been known for commercial poultry production (Table 2). This trend could be expected to continue as companies look for areas in which to expand.

This year's survey includes questions concerning breeder and pullet operations. Production numbers by county are also included (Table 4). The economic impact of these operations was not determined. However, approximately one-fourth of the total broiler farms belong to the breeder and pullet category. If these operations are comparable in terms of farm income, total producer income could be

expected to be nearly 30 percent higher than shown in Table 1.

McCurtain county maintains the largest number of breeder and pullet operations but LeFlore county farms are larger-sized operations, leading to greater bird numbers in LeFlore county. Opportunities in this type of enterprise are available as companies supply hatching eggs for an expanding industry.

Estimates on egg production, based on 1.2 flocks of breeders per year and 160 hatching chicks per hen housed, put the potential production of the breeder operations in Oklahoma at approximately 280 million chicks.

Since Oklahoma produced just over 200 million broilers, the breeder farm capacity is in slight excess of the broiler capacity (Table 5). Future surveys will include actual egg production numbers and farm value of this production. Estimates based upon breeder hens housed for 1994 would be around \$31.8 million for the value of eggs produced and \$42 million for the value of chicks hatched from these eggs.

**Table 2. County Broiler Production (1993 vs. 1994).**

| <i>County</i>      | <i>1993</i>        | <i>1994</i>        | <i>Change</i>     |
|--------------------|--------------------|--------------------|-------------------|
| Adair              | 33,728,873         | 31,158,324         | -2,570,549        |
| Cherokee           | 5,132,445          | 3,750,000          | -1,382,445        |
| Choctaw            | 1,024,200          | 816,000            | -208,200          |
| Craig              | 1,743,490          | 2,400,000          | +656,510          |
| Delaware           | 41,330,471         | 42,237,468         | +906,997          |
| Haskell            | 4,840,000          | 7,940,000          | +3,100,000        |
| Latimer            | 247,500            | 33,000             | -214,500          |
| LeFlore            | 48,916,200         | 63,415,600         | +14,499,400       |
| Mayes              | 998,056            | 775,314            | -222,742          |
| McCurtain          | 52,167,900         | 42,984,000         | -9,183,900        |
| Ottawa             | 8,106,505          | 11,460,000         | +3,353,495        |
| Pushmataha         | 192,000            | 0                  | -192,000          |
| Sequoyah           | 240,000            | 66,100             | -173,900          |
| <b>Grand Total</b> | <b>198,667,640</b> | <b>207,035,806</b> | <b>+8,368,166</b> |

**Table 3. County Broiler Production Summary County Totals By Company (1994).**

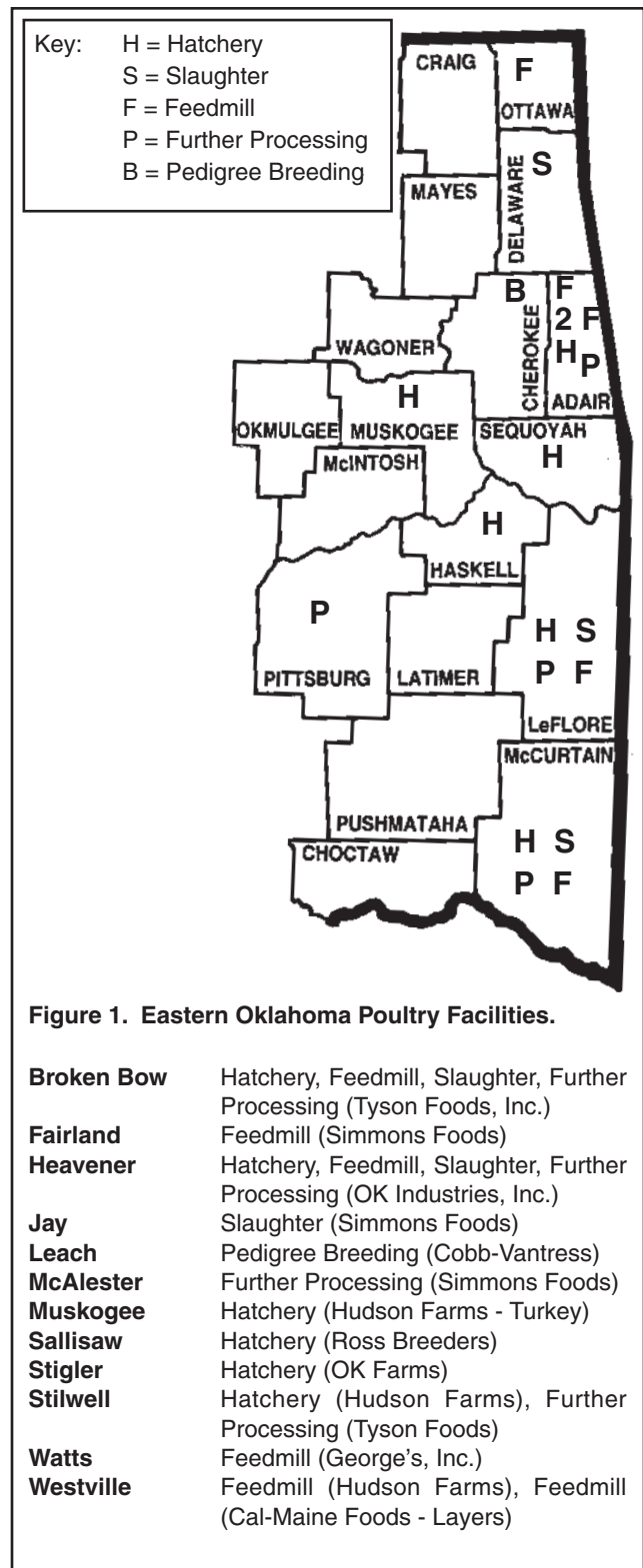
| <i>County</i>      | <i>Company</i>        | <i># of Farms</i> | <i># of Birds</i>  | <i>Avg. Mkt. Wt.<br/>lbs/bird</i> | <i>Total Wt.<br/>(Million lbs.)</i> |
|--------------------|-----------------------|-------------------|--------------------|-----------------------------------|-------------------------------------|
| McCurtain          | Pilgrim's Pride, Inc. | 32                | 9,120,000          | 4.0                               | 36.48                               |
|                    | Tyson Foods, Inc.     | 166               | 33,864,000         | 4.2                               | 142.23                              |
|                    | Total                 | 198               | 42,984,000         |                                   | 178.71                              |
| LeFlore            | OK Foods, Inc.        | 188               | 62,200,000         | 5.5                               | 342.10                              |
|                    | Tyson Foods, Inc.     | 5                 | 1,215,600          | 3.9                               | 4.74                                |
|                    | Total                 | 193               | 63,415,600         |                                   | 346.84                              |
| Delaware           | George's, Inc.        | 4                 | 1,860,000          | 4.0                               | 7.44                                |
|                    | Peterson Farms        | 41                | 11,706,720         | 4.27                              | 49.99                               |
|                    | Tyson Foods, Inc.     | 2                 | 514,558            | 2.77                              | 1.43                                |
|                    | Hudson Foods, Inc.    | 6                 | 4,546,190          | 5.2                               | 23.64                               |
|                    | Simmons Foods, Inc.   | 39                | 23,610,000         | 4.24                              | 100.11                              |
| Total              | 92                    | 42,237,468        |                    | 182.61                            |                                     |
| Adair              | Tyson Foods, Inc.     | 7                 | 2,217,384          | 2.77                              | 6.14                                |
|                    | Hudson Foods, Inc.    | 55                | 26,601,300         | 5.2                               | 138.33                              |
|                    | Simmons Foods, Inc.   | 12                | 2,339,640          | 4.24                              | 9.92                                |
|                    | Total                 | 74                | 31,158,324         |                                   | 154.39                              |
| Ottawa             | Hudson Foods, Inc.    | 6                 | 2,640,000          | 5.2                               | 13.73                               |
|                    | Simmons Foods, Inc.   | 13                | 8,820,000          | 4.24                              | 37.40                               |
|                    | Total                 | 19                | 11,460,000         |                                   | 51.13                               |
| Cherokee           | Hudson Foods, Inc.    | 9                 | 1,770,000          | 5.2                               | 9.20                                |
|                    | Simmons Foods, Inc.   | 9                 | 1,980,000          | 4.24                              | 8.40                                |
|                    | Total                 | 18                | 3,750,000          |                                   | 17.60                               |
| Haskell            | OK Foods, Inc.        | 24                | 7,940,000          | 5.5                               | 43.67                               |
| Craig              | Simmons Foods, Inc.   | 5                 | 2,400,000          | 4.24                              | 10.18                               |
| Choctaw            | Tyson Foods, Inc.     | 4                 | 816,000            | 4.2                               | 3.43                                |
| Latimer            | OK Foods, Inc.        | 1                 | 33,000             | 5.5                               | 0.18                                |
| Sequoyah           | OK Foods, Inc.        | 2                 | 66,100             | 5.5                               | 0.36                                |
| Mayes              | Simmons Foods, Inc.   | 2                 | 775,314            | 4.24                              | 3.29                                |
| <b>Grand Total</b> |                       | <b>632</b>        | <b>207,035,806</b> |                                   | <b>992.39</b>                       |

**Table 4. Broiler Farm Operations by County (1994).**

| County        | Broilers   | Breeders/<br>Pullets | Total Broiler<br>Farms |
|---------------|------------|----------------------|------------------------|
| McCurtain     | 198        | 74                   | 272                    |
| LeFlore       | 193        | 16                   | 209                    |
| Delaware      | 92         | 63                   | 155                    |
| Adair         | 74         | 22                   | 96                     |
| Haskell       | 24         | 6                    | 30                     |
| Ottawa        | 19         | 1                    | 20                     |
| Cherokee      | 18         | 1                    | 19                     |
| Craig         | 5          | 0                    | 5                      |
| Choctaw       | 4          | 0                    | 4                      |
| Sequoyah      | 2          | 1                    | 3                      |
| Mayes         | 2          | 5                    | 7                      |
| Latimer       | 1          | 1                    | 2                      |
| Pushmataha    | 0          | 11                   | 11                     |
| <b>Totals</b> | <b>632</b> | <b>201</b>           | <b>833</b>             |

**Table 5. Broiler Breeding Stock Production in Oklahoma (1994). Total Number of Farms and Birds Housed By County.**

|            | # of<br>Farms | # of<br>Breeders | # of<br>Farms | # of<br>Pullets  |
|------------|---------------|------------------|---------------|------------------|
| LeFlore    | 10            | 658,600          | 6             | 664,581          |
| McCurtain  | 54            | 550,000          | 20            | 220,000          |
| Delaware   | 55            | 653,734          | 8             | 216,400          |
| Adair      | 18            | 232,020          | 4             | 152,800          |
| Haskell    | 5             | 105,300          | 1             | 56,431           |
| Ottawa     | 1             | 8,000            |               |                  |
| Cherokee   | 1             | 16,000           |               |                  |
| Sequoyah   | 1             | 24,200           |               |                  |
| Mayes      | 3             | 44,000           | 2             | 144,000          |
| Latimer    |               |                  | 1             | 65,996           |
| Pushmataha | 11            | 107,800          |               |                  |
|            | <b>159</b>    | <b>2,399,654</b> | <b>42</b>     | <b>1,520,208</b> |



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